

# ELECTRO-MECHANICAL CATALOG 4

---

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**Tektronix**<sup>®</sup>  
COMMITTED TO EXCELLENCE





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### PURPOSE AND USE

This catalog is not intended to be a specification document by including all characteristics of the parts listed. It is a catalog with parts arranged in an order determined by the prime characteristic.

Parts not listed herein are either not to be used or are so new that their characteristics may yet be changed. We suggest you call the appropriate Component Engineer and/or check the component specification for complete details on any part before making a decision on its use. Specifications can be obtained from Reprographics, or viewed at any of the satellite aperature card locations.

**FIELD CAUTION:** No effort has been made to correlate the parts in this catalog with those parts which are available for replacement in the field. Some of the parts listed are not available for use as replacement parts. Ordering such parts will only slow your order and impede the general efficiency of the parts ordering process. All replacement parts are listed in the RPR (Replaceable Parts Record).

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

### CORRECTIONS & SUGGESTIONS

Corrections or suggestions are encouraged at any time. Call 629-1860 or 629-3030 or mail to delivery station 92-325. Special forms for this purpose are also included at the back of the catalog.

### HOW TO ORDER CATALOGS

Special forms for this purpose are included at the back of this catalog, or you may call 629-3029 Parts Cataloging, 92-325. We will need your name, payroll code, responsibility-cost center, phone number, and delivery station.

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## EVALUATION ENGINEER RESPONSIBILITY

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Pete Lancashire	627-2566	19-680	Digital: Microprocessors/Peripherals, Special Purpose VLSI and GaAs ICs
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### PLASTICS ENGINEERING

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<sup>a</sup> Subscribing Divisions:

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TV	X	X
FDI	X	X
CNA	X	X
LID	X	X
ITD	X	X
GPID	X	X
MSD	X	X
DDO	X	X
PID	X	
PTID	X	
MPD	X	
MAP	X	
HCO	X	









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CATALOG WRITER: DIANE ARGYLE, 629-1860

## QUARTZ, CRYSTAL UNIT

Frequency		Operating Temperature Range (°C)	Case Style <sup>a</sup> or Figure Number Illustration	Operating Mode	Load Cap (pF)	Maximum Series Resistance (Ω)	Maximum Drive Level (mW)	Notes & Comments	Part Number	Codes <sup>b</sup>		
(MHz)	± Tol (%)									ND	Cost	ST
.004	.010	-30 to +65	HC-13/U	Series		40. to 100. k	.5	Fundamental	158-0015-00			OB
.030683	.005	0 to +60	HC-6/U	Series		100. k	.2	Fundamental	158-0101-00		15.750	CR
.03125	.020	0 to +60	HC-13/U	Series		50. k	.2	Fundamental	158-0058-00		32.700	CS
.03125	.003	+25	HC-6/U	Series		20. to 40. k	.2	Fundamental	158-0055-00			OB
.0315	.003	0 to +70	HC-33/U	Series		40. k	.2	Fundamental	158-0049-00			OB
.0315	.020	0 to +70	HC-13/U	Series		60. k	.2	Fundamental	158-0059-00		18.900	CS
.032768	.010	0 to +70	NE-33SSXY	Parallel	20.		.1	Fundamental	158-0253-00		18.900	CR
.032768	.001	0 to +70	Fig 1	Parallel	9.		.001	Fundamental	158-0305-00		2.150	PP
.032768	.002	-10 to +60	Fig 2	Parallel	12.5		.01	Fundamental	158-0333-00		.224	CR
.0357	.100	0 to +60	HC-13/U	Series		50. k	1.	Fundamental	158-0227-00			DL
.040	.020	0 to +70	HC-13/U	Series		125. k		Fundamental	158-0016-00			CS
.040	.010	0 to +70	HC-33/U	Parallel	32.		1.	Fundamental	158-0204-00	U		OB
.0405	.020	0 to +65	HC-13/U	Series				Fundamental	158-0095-00	U	15.000	LS
.04095	.020	0 to +60	HC-13/U	Series		50. k	.2	Fundamental	158-0060-00		21.400	CS
.04374	.020		HC-13/U	Series				Fundamental	158-0061-00		13.800	CS
.0525	.020	0 to +60	HC-13/U	Series		50. k	.2	Fundamental	158-0062-00		24.800	CS
.0567	.020	0 to +60	HC-13/U	Series		50. k	.2	Fundamental	158-0063-00		21.250	CS
.06138	.020	0 to +65	HC-13/U	Series				Fundamental	158-0096-00		20.400	CS
.06174	.020	0 to +70	HC-13/U	Series		10. k	.2	Fundamental	158-0064-00		9.300	CS
.072	.020		HC-13/U	Series				Fundamental	158-0065-00		21.250	CS
.0735	.020	0 to +65	HC-13/U	Series				Fundamental	158-0097-00		25.000	CS
.100	.012	0 to +70	HC-13/U	Series		5. k		Fundamental	158-0022-00			OB
.16384	.020	0 to +70	HC-13/U	Series		5. k	.2	Fundamental	158-0195-00	U	4.280	CR
.200	.010	0 to +55	HC-6/U	Series		2.5 k		Fundamental	158-0048-00	U	8.350	CR
.249975	.006	+20 to +70	Fig 3	Series		500.		Mtchd Set of 4	158-0094-02		63.350	CR
.24997	.006	+20 to +70	Fig 3	Series				Mtchd Set of 5	158-0094-01		63.550	CS
.250	±7.5 Hz	+20 to +70	Fig 3	Parallel	150.			Mtchd Set of 3	158-0328-00		60.800	CR
.400	.020	0 to +70	HC-6/U	Series				Fundamental	158-0082-00	U	7.200	CS
.750	.010	0 to +70	HC-6/U	Series		2. k		Fundamental	158-0111-00		6.490	CR
.900	.010		HC-6/U	Series		200.		Fundamental	158-0021-00			OB
1.000	.010	0 to +65	HC-6/U	Series		200.		Fundamental	158-0025-00		9.690	CS
1.000		+75	Fig 4	Parallel	32.			Fundamental	158-0006-00			OB
1.000	.001	+25 to +50	Fig 4	Parallel	32.			Fundamental	158-0007-00			OB
1.000	.010	0 to +70	HC-33/U	Parallel	32.	350.	10.	Fundamental	158-0263-00		7.650	CR
1.000	.005	0 to +70	HC-6/U	Parallel	30.	800.	1.	Fundamental	158-0014-00		7.960	CR
1.000	.001	+20 to +60	HC-6/U	Parallel	32.		5.	Fundamental	158-0079-00	U	7.350	CR
1.006993	.001	0 to +70	HC-6/U	Parallel	32.	500.		Fundamental	158-0039-00		9.900	CS
1.04857	.010	0 to +70	HC-6/U	Series		200.		Fundamental	158-0093-00		26.750	CR
1.048576	.001	-30 to +70	Fig 5	Parallel	10.		.020	Fundamental	158-0339-00			PP
1.1594	.010	0 to +70	HC-6/U	Series		1. k	1.	Fundamental	158-0121-00		21.650	CR
1.250	.010	0 to +70	HC-6/U	Series				Fundamental	158-0114-00	U	5.150	CR
1.3307	.010	0 to +70	HC-6/U	Series		1. k		Fundamental	158-0110-00	U	17.490	CR
1.750	.010	0 to +70	HC-6/U	Series		1. k	1.	Fundamental	158-0120-00	U	21.650	CR
1.8432	.010	0 to +70	HC-33/U	Series		350.	2.	Fundamental	158-0281-00		5.620	CS
1.8432	.010	0 to +70	HC-18/U	Parallel	7.		10.	Fundamental	158-0290-00		2.240	CR
1.953125	.020	0 to +70	HC-33/U	Series		50.		Fundamental	158-0090-00	U	10.500	CS
2.000	.010	0 to +70	HC-32/U	Series	20.	50.	1.	Fundamental	158-0070-01		21.450	CR
2.000	.010	0 to +70	HC-6/U	Parallel	32.	200.	1.	Fundamental	158-0168-00	U	2.250	CR
2.210	.100	0 to +70	HC-33/U	Series		150.		Fundamental	158-0092-00		8.400	CR
2.210	.005	0 to +70	HC-32/U	Series		200.	10.	Fundamental	158-0076-00		15.580	CR
2.250	.010	0 to +70	HC-6/U	Series		1. k	1.	Fundamental	158-0119-00	U	18.750	CR
2.4576	.050	0 to +70	HC-33/U	Parallel	32.	100.	10.	Fundamental	158-0124-00	U	6.040	CR
2.977	.010	0 to +70	HC-25/U	Series		20.		Fundamental	158-0035-00		7.600	CR

<sup>a</sup> For Case Style or Figure Number Illustrations see tab marked QUARTZ, CRYSTAL UNIT ILLUSTRATIONS in the back of this catalog.<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## QUARTZ, CRYSTAL UNIT (cont)

Frequency		Operating Temperature Range (°C)	Case Style <sup>a</sup> or Figure Number Illustration	Operating Mode	Load Cap (pF)	Maximum Series Resistance (Ω)	Maximum Drive Level (mW)	Notes & Comments	Part Number	Codes <sup>b</sup>		
(MHz)	± Tol (%)									ND	Cost	ST
3.000	.005	0 to +70	HC-25/U	Parallel	25.	120.	1.	Fundamental	158-0040-00			OB
3.008	.010	0 to +70	HC-25/U	Series		20.		Fundamental	158-0034-00		11.880	CR
3.072	.015	0 to +70	HC-33/U	Parallel	30.	50.	2.	Fundamental	158-0259-00		7.750	CR
3.100	.010	0 to +55	HC-6/U	Series		90.		Fundamental	158-0026-00			OB
3.200	.100	0 to +70	HC-18/U	Series		100.		Fundamental	158-0073-00			DL
3.4133	.010	0 to +70	HC-18/U	Parallel	32.	100.	1.	Fundamental	158-0257-00		6.910	CR
3.4133	.010	0 to +70	HC-25/U	Parallel	32.			Fundamental	158-0088-00		9.040	CR
3.575611	.0035	-30 to +90	HC-18/U	Parallel	20.		1.	Fundamental	158-0108-00	U		NP
3.575611	.0035	0 to +70	HC-6/U	Parallel	20.	100.	1.	Fundamental	158-0080-00	U	4.300	CR
3.57561149	.0005	+80 to +90	HC-6/U	Parallel	32.	15.	50.	Fundamental	158-0052-00	U	32.320	CR
3.579	.010	0 to +70	HC-18/U	Parallel	16.	50.	5.	Fundamental	158-0261-00	U	7.560	CR
3.57945	±6. Hz		(Oven)	Parallel	100.			Fundamental	158-0041-00			OB
3.579545	.001	+20 to +65	HC-36/U	Parallel	18.5	100.	10.	Fundamental	158-0017-00			OB
3.579545	.0035	0 to +70	HC-6/U	Parallel	20.	100.		Fundamental	158-0069-00		4.190	CR
3.579545	.0035	+80 to +90	HC-18/U	Parallel	20.		2.	Fundamental	158-0105-00		6.660	CS
3.579545	±5. ppm	+80 to +90	HC-27/U or BA6	Parallel	32.	15.	.050	Fundamental	158-0036-00		15.730	CR
3.579545	.003	-10 to +70	HC-49/U	Parallel	16.		1.	Fundamental	158-0317-00		.410	CR
3.585544	.001	0 to +70	HC-6/U	Parallel	32.		1.	Fundamental	158-0053-00		7.600	CR
3.589488	.001	0 to +70	HC-33/U	Parallel	32.		1.	Fundamental	158-0038-00		9.030	CR
3.590	.001		HC-33/U	Parallel	32.			Fundamental	158-0011-00			OB
3.6864	.010	0 to +70	HC-49/U	Series		175.	1.	Fundamental	158-0307-00		.510	PP
3.6864	.070	0 to +70	W/Third Leg HC-18/U	Series		100.	2.	Fundamental	158-0271-00	U	.850	CR
4.000	.010	0 to +70	HC-18/U or HC-49/U	Series	10.	125.	5.	Fundamental	158-0287-00		.530	CR
4.000	.001	+20 to +60	HC-6/U	Parallel	20.	25.	1.	Fundamental	158-0177-00		6.450	CR
4.000	.001	0 to +75	HC-32/U	Parallel	27.	≤50.	1.	Fundamental	158-0251-00	U	6.310	CR
4.000	.0025	0 to +70	HC-18/U	Parallel	36.	50.	1.	Fundamental	158-0256-00	U	3.850	CR
4.000	.003	0 to +70	HC-18/U	Series		50.		Fundamental	158-0056-00	U	7.560	CR
4.000	.100	0 to +70	HC-18/U	Parallel	32.		1.	Fundamental	158-0224-00	U	6.600	CR
4.000	±6. ppm	0 to +70	HC-47/U	Parallel	32.	8.	20. mA	Fundamental	158-0314-00		37.000	CR
4.180	.010	0 to +70	HC-33/U	Series		20.		Fundamental	158-0113-00	U	13.900	CR
4.400	.070	0 to 70+	HC-33/U	Parallel	32.	100.	10.	Fundamental	158-0012-00			OB
4.418	.005	0 to +70	HC-6/U	Parallel	15.			Fundamental	158-0032-00		20.350	CS
4.421303	.002	+25	HC-6/U	Parallel	32.			Fundamental	158-0042-00		8.950	CR
4.429687		+20 to +65	HC-36/U	Parallel	18.5	125.	10.	Fundamental	158-0013-00			OB
4.433618	.0005	+80 to +90	HC-27/U or BA6	Parallel	32.	15.	.050	Fundamental	158-0043-00		12.260	CR
4.433619	.0035	+80 to +90	HC-18/U	Parallel	20.		2.	Fundamental	158-0104-00		5.350	CS
4.433619	.001	0 to +70	HC-6/U	Parallel	14.			Fundamental	158-0033-00			OB
4.433619	.0035	0 to +70	HC-6/U	Parallel	20.	100.	10.	Fundamental	158-0075-00		7.960	CR
4.433619	.003	-10 to +70	HC-49/U	Parallel	16.		1.	Fundamental	158-0318-00		.370	CR
4.750	.010	0 to +70	HC-25/U	Series		50.		Fundamental	158-0112-00	U	5.650	CR
4.9152	.050	0 to +70	HC-18/U	Series		≤125.		Fundamental	158-0072-00		3.780	CS
5.000	.010		HC-25/U	Series		≤50.		Fundamental	158-0019-00		18.480	CR
5.000	.010		HC-25/U	Series		1. k		Fundamental	158-0027-00	U	37.400	CR
5.000	.010	0 to +50	HC-18/U	Series		50.		Fundamental	158-0084-00		12.760	CR
5.0035	.010	0 to +70	HC-18/U	Series		50.		Fundamental	158-0085-00		11.880	CR
5.500	.010	0 to +70	HC-25/U	Series		50.	1.	Fundamental	158-0118-00		15.650	CR
5.51024	.010	0 to +60	HC-6/U	Parallel	32.	150.	1.	Fundamental	158-0128-00		5.890	CR
5.750	.010	0 to +70	HC-25/U	Series		50.	1.	Fundamental	158-0123-00	U	13.700	CR
5.888	.010	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0179-00		8.100	CR
5.8972	.010	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0180-00		18.950	CR
5.920	.005	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0198-00		9.600	CR
5.9444	.005	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0140-00		8.450	CR
5.950	.010	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0181-00		18.950	CR
5.954	.005	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0182-00		19.400	CR
5.9583	.005	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0166-00		10.700	CR
5.9614	.005	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0188-00		30.160	CR
5.975	.005	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0141-00		23.480	CR
5.977	.005	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0187-00		10.750	CR
5.9804	.0025	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0157-00		28.000	CR
5.98224	.0025	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0158-00		5.020	CR
5.98471	.0025	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0159-00		22.550	CR
5.98746	.0025	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0160-00		8.450	CR

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(MHz)	± Tol (%)									ND	Cost	ST
6.000	.010	0 to +70	HC-49/M	Parallel	20.	80.	1.	Fundamental	158-0345-00			EN
6.000	.005	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0186-00		13.270	CR
6.000	.0015	0 to +70	HC-18/U	Parallel	32.		1.	Fundamental	158-0185-00	U	10.010	CR
6.0013	.005	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0183-00		21.150	CR
6.004	.010	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0199-00		26.250	CR
6.0069	.0025	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0144-00		10.300	CR
6.008	.0025	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0142-00		8.450	CR
6.0093	.005	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0143-00		31.780	CR
6.0108	.005	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0145-00		31.780	CR
6.027	.005	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0167-00		22.550	CR
6.057	.0025	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0161-00		35.000	CR
6.0625	.010	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0162-00		28.000	CR
6.100	.010	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0200-00		7.600	CR
6.110	.010	0 to +70	HC-6/U	Parallel	32.	50.	1.	Fundamental	158-0184-00		9.600	CR
6.1324	.010	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0163-00		35.000	CR
6.1465	.005	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0146-00		20.520	CR
6.250	.010	0 to +70	HC-25/U	Series		50.	1.	Fundamental	158-0122-00	U	13.070	CR
6.6929	.010	0 to +60	HC-6/U	Parallel	32.		10.	Fundamental	158-0196-00		11.170	CR
6.910	.010	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0207-00		10.300	CR
6.9162	.0025	0 to +60	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0210-00		10.300	CR
6.923	.010	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0211-00		10.300	CR
6.9861	.005	0 to +70	HC-6/U	Parallel	37.	50.	10.	Fundamental	158-0246-00		10.000	CR
7.000	.005	0 to +70	HC-6/U	Parallel	37.	50.	10.	Fundamental	158-0247-00		15.960	CR
7.0184	.010	0 to +60	HC-6/U	Parallel	32.	20.	10.	Fundamental	158-0241-00		8.950	CR
7.090	.010		HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0222-00		9.250	CS
7.225	.010	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0212-00		8.450	CR
7.2423	.010	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0208-00		7.400	CR
7.263	.010	0 to +70	HC-6/U	Parallel	32.		10.	Fundamental	158-0197-00		9.200	CR
7.3728	.010	+25	HC-49/U	Series		50.		Fundamental	158-0282-00	U	2.750	CR
7.383	.010	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0209-00		8.450	CR
7.5524	.0015	0 to +70	HC-18/U	Parallel	32.		1.	Fundamental	158-0320-00		6.010	CR
7.9724	.0025	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0213-00		9.000	CR
7.975	.0025	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0214-00		9.000	CR
7.9773	.0025	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0215-00		12.900	CR
7.9793	.0025	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0216-00		12.900	CR
7.9811	.0025	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0217-00		9.000	CR
7.9827	.0025	0 to +70	HC-6/U	Parallel	32.	50.	10.	Fundamental	158-0218-00		9.000	CR
8.000	.005	0 to +70	HC-6/U	Parallel	37.	50.	10.	Fundamental	158-0243-00		26.280	CR
8.000	.070	0 to +70	HC-18/U	Series		50.	2.	Fundamental	158-0273-00	A	1.250	CR
8.000	.015	0 to +70	HC-18/U	Series	32.	50.	1.	Fundamental	158-0202-00		5.610	CR
8.000	.002	0 to +70	HC-18/U	Parallel	18.		5.	Fundamental	158-0291-00		.950	CR
8.500	.010	0 to +70	HC-25/U	Parallel	30.		1.	Fundamental	158-0138-00		6.930	CR
8.8125	.0035	+80 to +90	HC-43/U	Parallel	32.		.1	Fundamental	158-0130-00		8.030	CR
8.8125	.010	0 to +70	HC-25/U	Parallel	30.		1.	Fundamental	158-0139-00		18.190	CR
8.8352	.005	0 to +70	HC-33/U	Parallel	32.	30.	10.	Fundamental	158-0219-00		7.220	CR
9.0112	.005	0 to +70	HC-33/U	Parallel	32.	30.	10.	Fundamental	158-0220-00		7.200	CR
9.8304	.005	0 to +70	HC-18/U	Series		35.		Fundamental	158-0335-00		.640	CR
9.984	.015	0 to +70	HC-18/U	Parallel	32.		5.	Fundamental	158-0155-00	U	3.650	CS
10.000	±3 ppm	+75	(Oven)	Parallel	20.			Fundamental	158-0023-01	U		OB
10.000	.010	0 to +70	HC-6/U	Series		15.	1.	Fundamental	158-0031-01	U	1.820	CR
10.000	.001	0 to +70	HC-42/U	Parallel	32.	20.	1.	Fundamental	158-0129-00	U	6.050	CR
10.000	.010	0 to +70	HC-18/U	Series		25.	1.	Fundamental	158-0248-00		1.750	CR
10.000	.001	0 to +80	HC-27/U or HC-36/U	Series		13.	.1	3rd Overtone Mtchd Set of 4	158-0176-00		140.200	CR
10.000	.002	0 to +80	HC-27/U	Series		13.		3rd Overtone	158-0100-00		15.500	CS
10.000	.0015	0 to +70	HC-18/U	Series		13.	.1	Fundamental	158-0107-00		4.750	CR
10.000	.001	0 to +70	HC-47/U	Series		15.	.025	3rd Overtone	158-0325-00		9.260	CR
10.000	.010	0 to +70	HC-18/U	Series		25.	1.	Fundamental	158-0248-01		1.600	CR
10.448	.002	0 to +75	HC-18/U	Series		25.		Fundamental	158-0102-00		7.190	CR
10.700	.002	0 to +75	HC-18/U	Series		20.	5.	Fundamental	158-0117-00		4.240	CR

<sup>a</sup> For Case Style or Figure Number Illustrations see tab marked QUARTZ, CRYSTAL UNIT ILLUSTRATIONS in the back of this catalog.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## QUARTZ, CRYSTAL UNIT (cont)

Frequency		Operating Temperature Range (°C)	Case Style <sup>a</sup> or Figure Number Illustration	Operating Mode	Load Cap (pF)	Maximum Series Resistance (Ω)	Maximum Drive Level (mW)	Notes & Comments	Part Number	Codes <sup>b</sup>		
(MHz)	± Tol (%)									ND	Cost	ST
12.000	.015	0 to +70	HC-18/U	Series		30.	6.	Fundamental	158-0255-00	U	1.100	CR
12.000	.015	0 to +70	HC-49/U W/Third Leg	Series		30.	6.	Fundamental	158-0255-01			EN
12.000	.030		HC-18/U	Series					158-0285-00			DL
12.000	.050	-20 to +70	HC-18/U	Series		30.	1.	Fundamental	158-0300-00		.750	CR
12.000	.010	0 to +70	HC-18/U	Parallel	15.	100.	10.	Fundamental	158-0289-00		.980	CR
12.000	.010	0 to +70	HC-49/U W/Third Leg	Parallel	32.		1.	Fundamental	158-0306-00		.750	PP
12.500	.010	0 to +70	HC-18/U	Series		25.	2.	Fundamental	158-0103-00	U	18.050	CS
13.10669	.001	0 to +70	HC-42/U	Parallel	32.	20.	1.	Fundamental	158-0269-00	U	6.120	CR
13.500	± 5 ppm		HC-43/U	Parallel	32.	15.	1.	Fundamental	158-0319-00		9.100	CR
13.500			HC-43/U	Parallel	32.	15.	.5	Fundamental	158-0319-01		7.400	CR
14.302446	.001	0 to +70	HC-43/U	Parallel	30.	25.	1.	Fundamental	158-0283-00		10.140	CR
14.31818	.002	-30 to +90	HC-43/U	Parallel	20.	40.	1.	Fundamental	158-0116-00		6.520	CR
14.31818	.001	0 to +70	HC-43/U	Parallel	30.	25.	1.	Fundamental	158-0260-00		7.730	CR
14.31818	.003	-10 to +70	HC-49/U	Parallel	30.		1.	Fundamental	158-0308-00		1.500	CR
14.31818	± 5 ppm		HC-43/U	Parallel	32.	15.	1.	Fundamental	158-0311-00		9.100	CR
14.318182			HC-43/U	Parallel	32.	15.	.5	Fundamental	158-0311-01		7.150	CR
14.7456	.010	0 to +70	HC-18/U	Series		20.	2.	Fundamental	158-0135-00		4.420	CR
15.000	.010	0 to +70	HC-18/U	Series		20.	1.	Fundamental	158-0252-00		11.550	CR
15.000	.010	0 to +70	HC-25/U	Series		≤ 20.	2.	Fundamental	158-0250-00		11.660	CR
15.800	.001	0 to +70	TO-5 or HC-18/U	Series		18.	1.	Fundamental	158-0131-00		5.000	CS
15.808	.001	0 to +70	HC-18/U or TO-5	Series		18.	1.	Fundamental	158-0132-00		9.570	CR
15.816	.001	0 to +70	HC-18/U or TO-5	Series		18.	1.	Fundamental	158-0133-00		5.000	CS
15.824	.001	0 to +70	HC-18/U or TO-5	Series		18.	1.	Fundamental	158-0134-00		5.000	CS
16.000	.005	0 to +70	HC-25/U	Parallel	32.	20.	.5	Fundamental	158-0279-00		5.210	CR
16.000	.010	+10 to +45	HC-18/U	Series		50.		Fundamental	158-0115-00		4.100	CR
16.128	.010	0 to +70	HC-18/U	Parallel	22.	150.	10.	Fundamental	158-0293-00		6.200	CR
17.734380	± 5 ppm		HC-43/U	Parallel	32.	15.	1.	Fundamental	158-0327-00		7.400	PP
17.734380			HC-43/U	Parallel	32.	15.	1.	Fundamental	158-0327-01			EN
17.73447	.001	0 to +70	HC-18/U	Parallel	30.	< 25.	1.	Fundamental	158-0270-00		7.811	CR
18.000	.010	0 to +70	HC-6/U	Parallel	32.	50.	2.	Fundamental	158-0174-00			OB
18.432	.005	0 to +70	HC-18/U	Series		75.	5.	Fundamental	158-0136-00		2.750	CS
18.868	.005	0 to +70	HC-18/U	Parallel	27.	50.	5.	Fundamental	158-0286-00		4.200	CR
20.000	.015	0 to +70	HC-18/U	Parallel	32.	40.	5.	Fundamental	158-0154-00		6.330	CR
20.000	.010	0 to +60	HC-18/U	Series		≤ 25.	1.	Fundamental	158-0225-00	U	7.190	CR
20.480	.010	0 to +70	HC-18/U	Series		40.	1.	Fundamental	158-0203-00		2.250	OT
21.084	.010	0 to +70	HC-18/U	Series		40.		3rd Overtone	158-0099-00		3.350	CS
22.008	.010	0 to +70	HC-18/U	Series		40.		3rd Overtone	158-0081-00		3.930	CS
22.250	.010	0 to +70	HC-25/U	Series		50.	2.	3rd Overtone	158-0205-00		21.620	CR
24.000	.010	0 to +70	HC-18/U	Series		50.	1.	Fundamental	158-0244-00		6.630	CR
24.000	.010	0 to +70	HC-25/U	Series		≤ 50.	2.	Fundamental	158-0249-00		5.730	CR
24.250	.010	0 to +70	HC-25/U	Series		50.	2.	3rd Overtone	158-0149-00		6.070	CR
25.000	.010	0 to +70	HC-33/U	Series		40.		3rd Overtone	158-0077-00		29.750	CR
25.064	+ .005/- .002	-15 to +75	TO-5	Series		20.	.5	Fundamental	158-0172-00		12.900	CR
25.000	± 20 ppm	0 to +70	HC-35/U	Series		10.	10.	Fundamental	158-0326-00		25.700	CR
25.000	.002	0 to +70	HC-18/U	Series		50.		Fundamental	158-0332-00		1.500	CR
28.63636	.001	0 to +70	TO-5	Parallel	30.	20.	1.	Fundamental	158-0254-00			PP
29.952	.015	0 to +70	HC-18/U	Series		75.	2.	3rd Overtone	158-0151-00		10.660	CS
29.4912	.010	0 to +60	HC-18/U	Series		40.	1.	3rd Overtone	158-0223-00		5.880	CR
32.500	.010	0 to +60	HC-25/U	Series		40.	2.	3rd Overtone	158-0229-00		9.200	CR
32.900	.010	0 to +60	HC-25/U	Series		40.	2.	3rd Overtone	158-0230-00		12.900	CR
33.400	.010	0 to +60	HC-25/U	Series		40.	2.	3rd Overtone	158-0231-00		12.900	OT
34.400	.010	0 to +60	HC-25/U	Series		40.	2.	3rd Overtone	158-0233-00		28.500	CR
37.000	.010	0 to +60	HC-25/U	Series		40.	2.	3rd Overtone	158-0234-00		12.900	CR
38.900	.010	0 to +60	HC-25/U	Series		40.	2.	3rd Overtone	158-0235-00		12.900	CR

<sup>a</sup> For Case Style or Figure Number Illustrations see tab marked QUARTZ, CRYSTAL UNIT ILLUSTRATIONS in the back of this catalog.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## QUARTZ, CRYSTAL UNIT (cont)

Frequency		Operating Temperature Range (°C)	Case Style <sup>a</sup> or Figure Number Illustration	Operating Mode	Load Cap (pF)	Maximum Series Resistance (Ω)	Maximum Drive Level (mW)	Notes & Comments	Part Number	Codes <sup>b</sup>		
(MHz)	± Tol (%)									ND	Cost	ST
40.500	.005	0 to +70	HC-18/U	Series		40.	2.	3rd Overtone	158-0148-00		3.340	CS
41.250	.010	0 to +60	HC-25/U	Series		40.	2.	3rd Overtone	158-0232-00		12.900	CR
45.750	.010	0 to +60	HC-25/U	Series		40.	2.	3rd Overtone	158-0228-00		12.000	CR
46.000	.010	0 to +70	HC-18/U	Series		75.	2.	3rd Overtone	158-0173-00		5.700	CR
48.000	.015	0 to +70	HC-18/U	Series		75.	2.	3rd Overtone	158-0152-00		5.800	CR
49.152	.010	0 to +70	HC-18/U	Series		75.	1.	3rd Overtone	158-0165-00		2.750	CS
49.300	.010		HC-6/U	Series		50.		3rd Overtone	158-0020-00			OB
49.9965	.0035	0 to +70	HC-35/U	Series		60.	1.	3rd Overtone	158-0221-00		8.740	CR
50.000	.010	0 to +70	HC-18/U	Series		50.		3rd Overtone	158-0068-00		7.830	CR
52.500	.0005	-30 to +60	TO-5	Series		40.	1.	3rd Overtone	158-0098-00	U	12.470	CR
54.000	.010	0 to +70	HC-6/U	Series		70.	2.	3rd Overtone	158-0175-00		5.790	CS
55.000	.0005	0 to +70	TO-5	Series		60.	1.	3rd Overtone	158-0237-00	U	10.650	CR
61.150	.010	0 to +70	HC-25/U	Series		100.	1.	5th Overtone	158-0206-00		6.000	CR
61.250	.010	0 to +70	HC-25/U	Series		≤ 100.	1.70	5th Overtone	158-0164-00		5.520	CR
63.150	.010	0 to +70	HC-25/U	Series		50.	1.	3rd Overtone	158-0178-00		10.360	CR
67.659	.010	0 to +70	HC-18/U	Series		50.	2.	5th Overtone	158-0284-00	X	1.980	CS
70.000	.010	0 to +65	HC-6/U	Series		60.		5th Overtone	158-0024-00		7.530	CS
70.000	.010	0 to +70	HC-25/U	Series		100.	2.	5th Overtone	158-0150-00		7.850	CR
80.000	.010	0 to +80	HC-18/U	Series		50.	2.	5th Overtone	158-0147-00	U	4.680	CR
95.000	.010	0 to +70	HC-25/U	Series		60.	1.	5th Overtone	158-0074-00		3.900	CS
95.000	.0005	-30 to +60	HC-35/U	Series		60.	1.	5th Overtone	158-0109-00	U	11.130	CR
99.2045	.005	-30 to +60	HC-35/U	Series		60.	1.	5th Overtone	158-0091-00	U	20.330	CR
100.000	.010	0 to +70	TO-5	Series		135.	.5	5th Overtone	158-0170-00			DL
100.000	.0025	0 to +70	HC-25/U	Series		40.	1.	5th Overtone	158-0106-00		9.870	CR
100.000	.0005	0 to +60	TO-5	Series		60.	1.	5th Overtone	158-0236-00		8.810	CR
100.000	.0005	0 to +70	HC-35/U	Series		60.	1.	5th Overtone	158-0258-00	U	24.838	CR
100.016	.010	0 to +70	TO-5	Series		135.	.5	5th Overtone	158-0171-00			DL
100.800	.010	0 to +60	HC-25/U	Series		40.	1.	5th Overtone	158-0240-00		7.800	CS
119.808	.010	0 to +70	HC-18/U	Series		75.	1.	5th Overtone	158-0301-00	A	10.690	CR
122.920	.010	0 to +70	HC-25/U	Series		≤ 135.	1.	5th Overtone	158-0262-00		4.900	CR
125.000	.010	0 to +70	HC-18/U	Series		60.		5th Overtone	158-0078-00		9.550	CR
125.000	.010	0 to +70	TO-5	Series		135.	.5	5th Overtone	158-0137-00		7.330	CR
130.3333	.0025	0 to +70	HC-35/U	Series		135.	1.	7th Overtone	158-0194-00		19.160	CR
131.667	.0025	0 to +70	HC-35/U	Series		135.	1.	7th Overtone	158-0193-00		17.220	CR
132.617	.0025	0 to +70	HC-35/U	Series		135.	1.	7th Overtone	158-0192-00		20.760	CR
132.800	.010	0 to +70	HC-18/U	Series		75.	1.	7th Overtone	158-0321-00		11.950	CR
132.9972	.005	0 to +70	HC-18/U	Series		75.	1.	7th Overtone	158-0329-00		8.570	CR
133.250	.0025	0 to +70	HC-35/U	Series		135.	1.	7th Overtone	158-0191-00		24.100	CR
133.950	.0025	0 to +70	HC-35/U	Series		135.	1.	7th Overtone	158-0189-00		14.600	CR
134.583	.0025	0 to +70	HC-35/U	Series		135.	1.70	7th Overtone	158-0190-00		20.760	CR
136.283	.0025	0 to +70	TO-5	Series		135.	1.	7th Overtone	158-0245-00		28.660	CR

<sup>a</sup> For Case Style or Figure Number Illustrations see tab marked QUARTZ, CRYSTAL UNIT ILLUSTRATIONS in the back of this catalog.<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

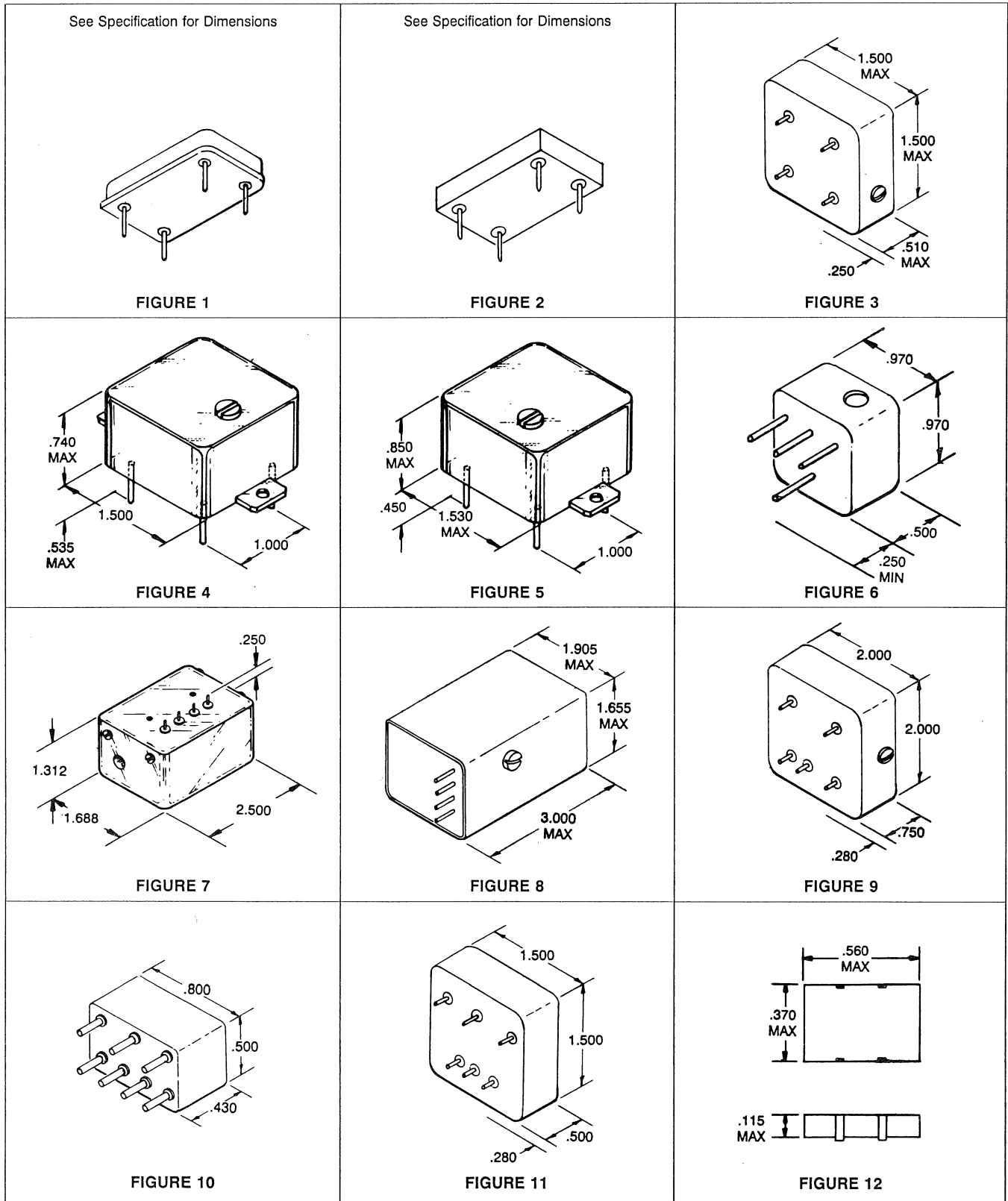
## SURFACE MOUNTABLE QUARTZ CRYSTAL UNITS

Frequency		Operating Temperature Range (°C)	Case Style <sup>a</sup> or Figure Number Illustration	Operating Mode	Load Cap (pF)	Maximum Series Resistance (Ω)	Maximum Drive Level (mW)	Notes & Comments	Part Number	Codes <sup>b</sup>		
(MHz)	± Tol (%)									ND	Cost	ST
1.000	.01	-40 to +80	Fig 6	Parallel	.85		.01	Fundamental	158-5015-00		8.650	CR
12.000	+600. Hz	-20 to +70	SM2-18	Parallel	18.	25.	1.	Fundamental	158-5000-00		1.300	EN

<sup>a</sup> For Case Style or Figure Number Illustrations see tab marked QUARTZ, CRYSTAL UNIT ILLUSTRATIONS in the back of this catalog.

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# OSCILLATORS CRYSTAL





# OSCILLATORS CRYSTAL

Frequency (MHz)	Operating Temperature (°C)	Input Voltage (Vdc)	Output Circuit	Type	Figure	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
1.8432	0 to +70	5.	TTL	Clock	1	119-1867-00			DL
1.8432	0 to +70	5.	TTL	Clock	1	119-1917-00	A	4.500	CR
2.048	-20 to +70	5.	TTL With Fan Out	Clock	1	119-2458-00		5.900	PP
2.112	0 to +70	5.	TTL With Fan Out	Clock	1	119-1954-00		7.500	CR
3.6864	0 to +70	5.	TTL With Enable	Clock	1	119-2042-00		2.750	CR
3.6864	0 to +70	5.	TTL	Clock	1	119-1916-00	A	2.750	CR
4.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1	119-1555-00		4.470	CR
4.9152	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	2	119-1680-00		3.3500	CS
5.	0 to +70	15.	TTL	Temperature Compensated	3	119-2470-00			EN
5.	+15 to +70	12.	TTL	Temperature Compensated	3	119-1187-00	U	101.500	CR
5.	+15 to +70	15.	TTL	Temperature Compensated	4	119-0262-00		62.500	CR
5.	+15 to +70	15.	TTL	Temperature Compensated	5	119-0503-00		85.000	CR
6.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1	119-1828-00		4.140	CR
6.144	0 to +70	5.	TTL With Fan Out	Clock	1	119-1961-00		4.860	CR
6.400	0 to +70	5.	TTL With Fan Out	Clock	1	119-1962-00		4.860	CR
7.3728	0 to +70	5.	TTL With Enable	Clock	1	119-1850-00	U	2.750	CR
8.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1	119-0413-00		5.00	CR
8.	0 to +70	5.	TTL	Clock	1	119-1897-00	A	2.750	CR
10.	0 to +70	5.	TTL With Fan Out	Temperature Compensated	6	119-0499-00		66.00	CR
10.	-15 to +70	24.	TTL With Fan Out, 5 + 15 pF	Oven	7	119-0894-00		128.00	CS
10.	0 to +70	18.	TTL With Fan Out, 5 + 15 pF	Oven	7	119-0894-01 <sup>b</sup>		68.500	CR
10.	-15 to +70	15.	TTL With Fan Out, 5 + 15 pF	Oven	8	119-1576-00		351.000	CR
10.	-15 to +70	15.	TTL With Fan Out, 5 + 15 pF	Oven	8	119-1576-01		365.285	CR
10.	0 to +70	5.	TTL With Enable	Clock	1	119-1940-00		4.750	PP
12.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF		1	119-1842-00		3.620	CR
14.7456	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	2	119-1591-00	U	2.750	CR
14.7456	0 to +70	5.	TTL With Enable	Clock	1	119-1994-00		2.750	CS
14.7456	0 to +70	5.	TTL With Enable	Clock	1	119-2656-00		2.750	CR
14.7456	0 to +70	5.	MOS With Enable	Clock	1	119-1938-00		5.500	PP
16.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1	119-1408-00		2.750	CR
16.	0 to +70	5.	TTL With Enable	Clock	1	119-2061-00		2.750	CR
16.	0 to +70	5.	TTL With Enable	Clock	1	119-2655-00		2.750	CR
16.257	0 to +70	5.	TTL	Clock	1	119-3252-00			EN
18.868	0 to +70	5.	TTL With Enable	Clock	1	119-1898-00	A	2.750	CR
19.531	0 to +70	5.	TTL		1	119-1794-00		3.620	CR
19.531	0 to +70	5.	TTL	Clock	1	119-2090-00 <sup>b</sup>		13.880	CR
19.6608	0 to +70	5.	TTL		2	119-1502-00	U	4.620	CR
19.6608	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1	119-1799-00	U	3.680	CR
20.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	2	119-1413-00	U	5.700	CR
20.	0 to +70	5.	CMOS With Fan Out	Clock	1	119-2367-00		6.800	PP
20.	-10 to +70	5.	CMOS	Clock	1	119-2245-00			EN
20.	-40 to +85	5.	TTL With Fan Out	Clock	1	119-2736-00	U	8.820	CR
23.	0 to +70	5.	TTL With Fan Out	Clock	1	119-2340-00		3.920	CR
24.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1 or 2	119-1329-00		4.50	CR
24.230	0 to +70	5.	CMOS/TTL w/enable	Clock	1	119-3046-00			EN
25.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1	119-1599-00	U	4.080	CR
25.	0 to +70	5.	TTL	Clock	1	119-1953-00	A	2.750	CR
25.2	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1	119-1721-00	U	2.750	CR
25.2	0 to +70	5.	TTL With Enable	Clock	1	119-1993-00		2.750	CR
25.2	0 to +70	5.	TTL With Enable	Clock	1	119-2654-00		2.850	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> This part is Safety Controlled.

## OSCILLATORS (cont)

## CRYSTAL (cont)

Frequency (MHz)	Operating Temperature (°C)	Input Voltage (Vdc)	Output Circuit	Type	Figure	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
30.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	2	119-1547-00		10.500	CR
30.	0 to +70	5.	TTL	Clock	2	119-1858-00		6.500	CS
32.	0 to +70	5.	TTL	Clock	1	119-2072-00		6.940	CR
32.	0 to +70	5.	CMOS/TTL With Enable	Clock	1	119-2603-00		2.750	PP
32.513	0 to +70	5.	CMOS/TTL With Enable	Clock	1	119-2522-00		2.750	CR
33.333	0 to +70	5.	MOS/TTL	Clock	1	119-2322-00		10.950	CR
36.	0 to +70	5.	TTL	Clock	1	119-3120-00		2.470	PP
40.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	1 or 2	119-1460-00	U	6.000	CR
40.	0 to +70	5.	TTL With Fan Out, 1 to 5	Clock	1	119-2430-00		19.700	CR
40.	0 to +70	5.	TTL With Enable	Clock	1	119-2604-00		2.750	CR
40.	0 to +70	5.	TTL	Clock	1	119-2604-01		2.580	PP
44.544	0 to +70	5.	TTL	Clock	1	119-3264-00			EN
49.152	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	2	119-1568-00		5.200	CS
50.	0 to +70	5.	TTL	Clock	1	119-3265-00			EN
50.	0 to +70	5.	TTL With Fan Out, 5 + 15 pF	Clock	2	119-1186-00	U	4.540	CS
50.	0 to +70	5.	TTL With Enable	Clock	1	119-2521-00		2.750	CR
50.065	0 to +70	5.	TTL	Clock	1	119-1972-00		5.450	CR
64.128	0 to +70	5.	ECL	Clock	1	119-2514-00		19.500	PP
64.512	0 to +70	5.	TTL	Clock	1	119-3266-00			EN
67.659	0 to +70	-5.2	ECL	Clock	1	119-2362-00		10.750	CR
100.	0 to +70	12.	TTL	Temperature Compensated	9	119-1927-00 <sup>b</sup>		172.000	CR
100.	0 to +75	-5.2	ECL	Clock	1	119-2511-00		25.000	CR
100.	0 to +75	-5.2	ECL	Clock	1	158-0344-00			EN
107.530	0 to +70	5.	ECL	Clock	1	119-2513-00		22.000	CR
200.	0 to +70	-5.2	ECL	Clock	10	119-2059-00		112.700	CR
200.	0 to +70	-5.2	ECL	Clock		119-2259-00		114.000	EN
500.					11	119-2246-00		177.000	EN

## SURFACE MOUNT CRYSTAL OSCILLATORS

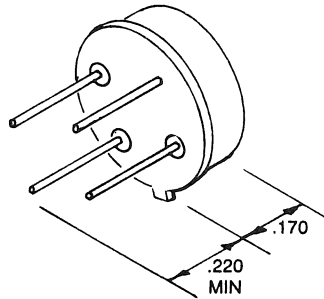
Frequency (MHz)	Operating Temperature (°C)	Input Voltage (Vdc)	Output Circuit	Type	Figure	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
10.000	0 to +70	5.	CMOS/TTL	Clock	12	158-5005-00			EN

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> This part is Safety Controlled.

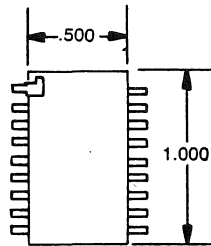
# OSCILLATORS (cont)

## MICROWAVE



Frequency Range (GHz)	Minimum Power Output (dBm)	Maximum Power Output Variation (dB)	Maximum Frequency Pulling Figure Peak-to-Peak (MHz)	Maximum Tuning Hysteresis (MHz)	Input Power (Vdc)	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
2.050 to 2.450 2.200 to 3.600	10. 10.	± 1.5 ± 1.5	45. 45.			119-1930-00 119-1928-00		99.000 150.000	CR CR

## SAW

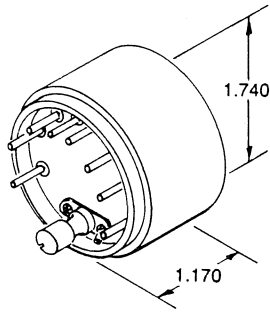


Frequency (MHz)	Power Supply (Vdc)	Output Voltage	Frequency Versus Temperature Coefficient	Part Number	Codes <sup>a</sup>		
					ND	Cost	ST
500. ± 125 kHz	- 15. ± 5%	1.0 V ≤ Vout ≤ 1.8 V (Peak to Peak), into 50 Ω Load (Sinusoidal Waveform)	-2.5 ppm/°C (at > 25°C Ambient)	119-2014-00		86.110	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

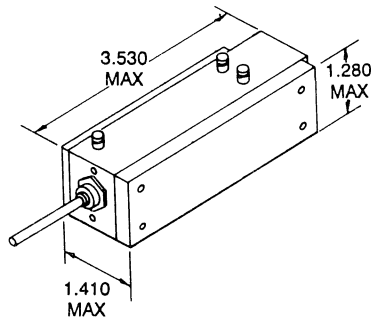
# OSCILLATORS (cont)

## TRANSISTOR



Minimum Frequency Range (GHz)	Minimum Power Output Fundamental	Maximum Power Output Variation (dB)	Maximum Frequency Pulling Figure Peak-to-Peak (MHz)	Maximum Tuning Hysteresis (MHz)	Input Power (Vdc)	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
2.07 to 3.9	12. dBm	±3.0	6.	6.	15.	119-1360-00		600.000	CR
2.0 to 4.6	20. mW	±2.5	2.	6.	15.	119-1596-00	U	676.150	CR
2.07 to 6.35	13. dBm	±3.5	6.	10.	15.	119-0752-00		734.332	CR

## UHF & VHF



Frequency Range (MHz)	Comments	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
912. to 1326 492. to 732.	UHF, Tunable: Three Outputs VHF, Tunable: Three Outputs	119-1152-00 119-1153-00		359.150 312.680	CR CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## CRYSTAL BANDPASS FILTERS

Passband Between 3 dB-Down Frequency	Passband Shape Factor 40/3 dB		Impedance ( $\Omega$ )	Center Frequency (MHz)	Ultimate Rejection (dBc)	Dropback (dBc)	Maximum Insertion Loss (dB)	Part Number	Codes <sup>a</sup>		
	Min	Max							ND	Cost	ST
12.0 kHz $\pm$ 15%	3.0	7.0	2.5k	10.7	$\geq$ -90.	$\geq$ -60	1.0	158-0334-00		6.100	CR

Passband Between 3 dB-Down Frequency	Passband Shape Factor 60/6 dB		Impedance ( $\Omega$ )	Center Frequency (MHz)	Ultimate Rejection (dBc)	Dropback (dBc)	Maximum Insertion Loss (dB)	Part Number	Codes <sup>a</sup>		
	Min	Max							ND	Cost	ST
30.0 kHz $\pm$ 3. kHz	3.0	5.0	50.	10.7	$\geq$ 70.	$\geq$ 60.	3.5	119-0608-00		72.550	CR

Passband Between 6 dB-Down Frequency	Passband Shape Factor 60/6 dB		Impedance ( $\Omega$ )	Center Frequency (MHz)	Ultimate Rejection (dBc)	Dropback (dBc)	Maximum Insertion Loss (dB)	Part Number	Codes <sup>a</sup>		
	Min	Max							ND	Cost	ST
30.0 Hz $\pm$ 6. Hz	8.0	12.0	50.	10.	$\geq$ -90.	$\geq$ -60.	14.0	119-1423-01	U	235.000	CR
30. Hz/100. Hz $\pm$ 20%		12.0	50.	10.	$\geq$ -90.	$\geq$ -60.	14.0/6.0	119-1677-00		372.000	CR
30.0 Hz $\pm$ 20%		12.0	50.	10.	$\geq$ -80.	$\geq$ -40.	14.0	119-0449-01		302.000	CR
100.0 Hz $\pm$ 125. Hz		12.0	50.	10.	$\geq$ -90.	$\geq$ -60.	6.0	119-2033-00		275.000	CR
300.0 Hz $\pm$ 50. Hz	3.0	4.0	50.	10.	$\geq$ -85.	$\geq$ -40.	10.0	119-0275-00	U	86.500	CR
300.0 Hz +50.-100. Hz		8.0	50.	10.	$\geq$ -35.		7.0	119-1676-00		146.568	CR
1.0 kHz $\pm$ 15%	4.0	7.0	50.	10.	$\geq$ -90.	$\geq$ -60.	6.0	119-0969-00		28.100	CR
3.0 kHz $\pm$ 300. Hz	3.0	4.0	50.	10.	$\geq$ -80.	$\geq$ -40.	4.0	119-0278-01		76.100	CR
3.0 kHz $\pm$ 15%		7.0	2.5 k	10.	$\geq$ -90.	$\geq$ -60.	5.0	158-0323-00		8.500	CR
10.0 kHz $\pm$ 15%	2.75	7.0	50.	10.	$\geq$ -90.	$\geq$ -60.	2.0	119-0968-00		19.350	CR
30.0 kHz $\pm$ 3. kHz	3.0	4.0	50.	10.	$\geq$ -80.	$\geq$ -40.	4.0	119-0276-01		76.100	CR
30.0 kHz $\pm$ 15%		7.0		10.	$\geq$ -80.	$\geq$ -60.	5.0	158-0324-00		5.100	CR

## LOW-PASS FILTERS

Passband	Rejection Band	Impedance ( $\Omega$ )	Max Passband Insertion Loss (dB)	Connector Type	Part Number	Codes <sup>a</sup>		
						NP	Cost	ST
dc to 1.8 GHz	2.07 to 22.0 GHz	50.	1.8	Two SMA Female	119-0294-01		31.190	CR
dc to 1.8 GHz	2.1 to 12.4 GHz	50.	1.8	Two SMA Female	119-0294-00	U	34.000	CR
dc to 1.8 GHz	2.1 to 12.4 GHz	50.	1.5	Two SMA Female	119-0472-01	U	33.000	CR
2.0 to 3.950 GHz	4.2 to 8.0 GHz	50.	.5	Two SMA Male	119-0750-00		35.000	CR

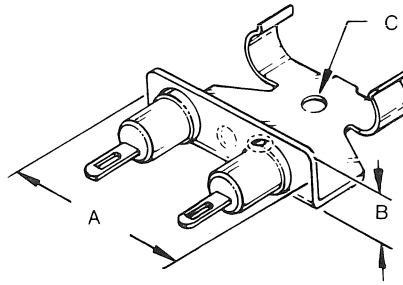
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## AUDIO TRANSDUCERS

Frequency Range (kHz)	Operating Range (V)	Sound Pressure				Device Type	Comments	Part Number	Codes <sup>a</sup>		
		(dB)	(V)	Freq (kHz)	Dist (cm)				ND	Cost	ST
1. - 4.2	3. - 12.	70.	6.	2.048	20.	Magnetic	Coil Rated @ 40. mA Max 135. $\Omega$ @ 2.048 kHz	119-1427-00	U	.430	CR
1. - 4.2	3. - 12.	70.	6.	2.048	20.	Magnetic	Coil Rated @ 40. mA Max 135. $\Omega$ @ 2.048 kHz	119-1427-01		.550	CR
1.3 - 1.5	0 - 150.	76.		4.		Piezo	Stainless Steel Cap	119-1388-00		1.140	CR
2. - 2.5	3. - 10.	85.	6.	2.048	10.	Magnetic	Coil Rated @ 40. mA Max 90. $\Omega$ @ 2.048 kHz	119-2101-00		.700	PP
Built In Osc	3. - 20.	75.	12.	3.8	100.	Piezo	Draws 13. mA Max at 12. Vdc	119-1537-00		.970	CR
Non Self Osc	6. - 18.	85.	12.		10.			119-2252-00			PP

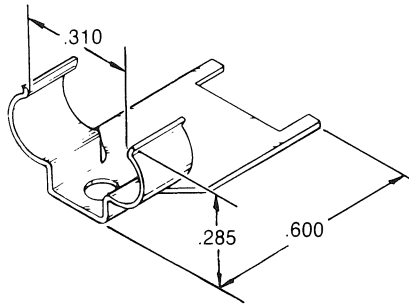
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

# CRYSTAL HOLDERS AND SOCKETS

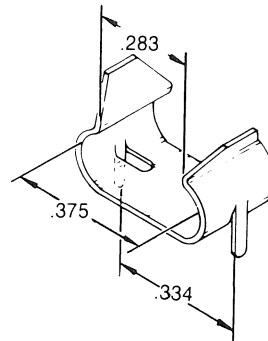


Steel Clip, Nylon Insulation

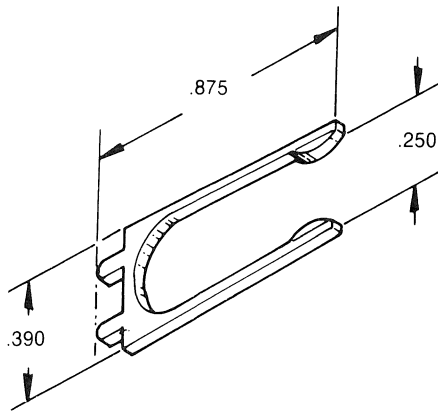
Dimensions			Description	Part Number	Codes <sup>a</sup>		
Maximum A	Maximum B	C			ND	Cost	ST
.859 .500	.438 .328	.094 (3) .094 (2)	For HC-6/U & HC-13/U For HC-18/U	136-0153-00 136-0208-00		.800 .930	CR CR



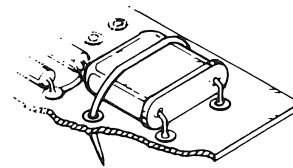
352-0130-01  
COST:<sup>a</sup> .660 STATUS CODES:<sup>a</sup> CR  
.012 Steel, Tin Plate



352-0096-00  
COST:<sup>a</sup> .335 STATUS CODES:<sup>a</sup> CR  
.0126 Cu Be, Nickel Plate



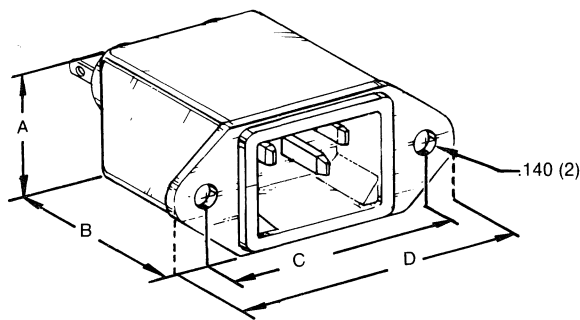
352-0387-00  
COST:<sup>a</sup> .488 STATUS CODES:<sup>a</sup> CR  
.032 Cu Be, CuSnZn Plate



346-0032-00  
COST:<sup>a</sup> .138 STATUS CODE:<sup>a</sup> CR  
CIRCUIT BOARD MOUNT USING MOUSETAIL  
It is suggested that a piece of foam rubber be placed under the crystal to keep it from shorting.

<sup>a</sup> The nominal price (at time of printing) is listed as the cost. For Status Codes, see tab marked CODES in the back of this catalog.

# RFI FILTERS



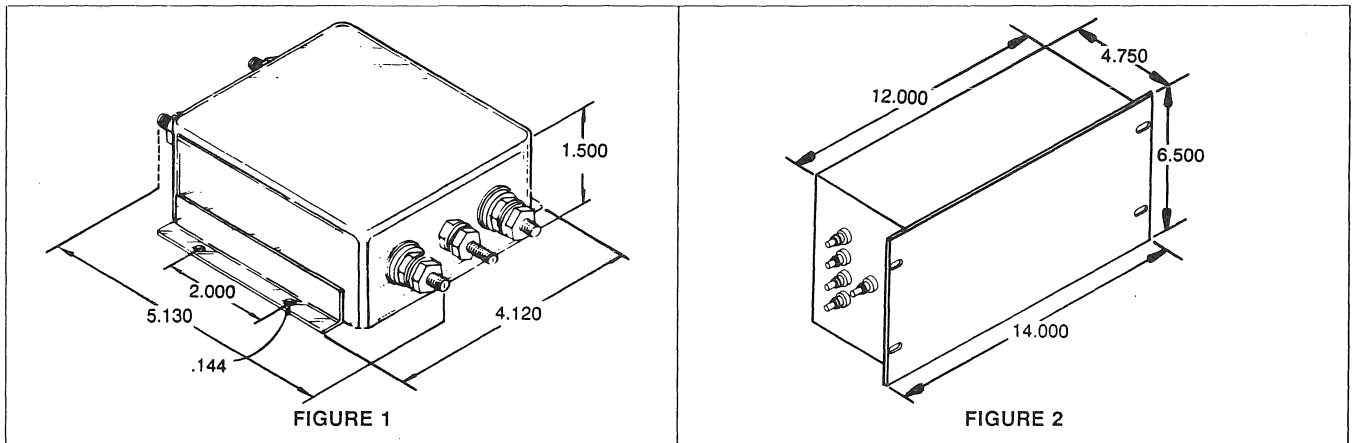
Current Carrying Capacity (A)	Operating Voltage (Vac)	Operating Frequency (Hz)	Third Party Certification	Dimensions <sup>a</sup>				Comments	Part Number	Codes <sup>b</sup>		
				A	B	C	D			ND	Cost	ST
1.	250.	45. - 440.	UL, CSA & VDE	1.020	1.570	1.570	2.030	Safety Controlled	119-1957-00		5.370	CR
1.	250.	50. - 60.	UL, CSA & VDE	.810	1.500	1.570	2.030	Safety Controlled	119-1946-00		5.830	CR
1.	250.	50. - 60.	UL & VDE	.811	1.575 Max	1.575	1.970 Max	Safety Controlled	119-1541-00		3.870	CR
3.	250.	48. - 440.	UL, CSA & VDE	.820		1.575	2.030 Max	Safety Controlled	119-2055-00	U	3.950	CR
3.	250.	50. - 60.	UL & CSA	.815	1.496	1.575	1.889	Safety Controlled	119-2360-00	U	5.800	CR
3.	250.	50. - 60.	UL, CSA & VDE	.790	1.550	1.575	1.980 Max	Safety Controlled	119-0389-00	U	7.250	CR
3.	250.	50. - 60.	UL, VDE	.818	1.550 Max	1.575	1.970 Max	Safety Controlled	119-1359-00		5.950	CR
3.	250.	50. - 60.	UL, CSA & VDE	.828	1.970	1.575	2.000	Safety Controlled	119-1536-00		3.700	CR
3.	250.	50. - 60.	UL, CSA & VDE	.815	1.709	1.575	1.890	Safety Controlled	119-1536-01			EN
3.	250.	50. - 60.	UL, CSA & VDE	1.775 Max	3.057 Max	1.575	2.245	Safety Controlled	119-1844-00		21.830	CR
6.	230.	48. - 440.	UL, CSA & VDE	.842 Max	1.496	1.574	1.890	Safety Controlled	119-2064-00		5.850	PP
6.	250.	50. - 60.	UL & CSA	.850	1.770	1.570	2.000	Safety Controlled	119-2046-00		6.390	CR
6.	250.	50. - 60.	UL & CSA	1.750		1.580	2.190	Safety Controlled	119-2010-00		23.770	CR
6.	250.	50. - 400.	UL & CSA	.790	1.550	1.575	1.970	Safety Controlled	119-0420-00	A	13.130	CR
6.	250.	48. - 440.	UL & CSA	.810 Max	1.550 Max	1.580	1.970	Safety Controlled	119-0420-01		9.110	CR
6.	250.	50. - 400.	UL & CSA	.810	1.600 Max	1.575	1.970	Safety Controlled	119-1306-00	U	5.210	CR
6.	250.	50.	UL, CSA & VDE	1.180	1.500	1.570	2.030	Safety Controlled	119-1750-00		7.250	CR
9.5	250.	50. - 60.	UL & CSA	1.750	3.750	1.575	2.250	Safety Controlled	119-1950-00		167.600	CR
10.	250.	48. - 440.	UL & CSA	1.020	2.050	1.570	2.030		119-2944-00		13.890	EN
10.	250.	50. - 400.	UL	.810	1.600 Max	1.575	1.970		119-1313-00		7.000	CR
10.	250.	50. - 400.	UL	1.144	2.000	1.570	2.000		119-1298-00		11.440	CR

<sup>a</sup> Except for 119-1298-00, all parts are inside/outside mount but list dimensions for outside mount. 119-1298-00 can only be mounted inside.

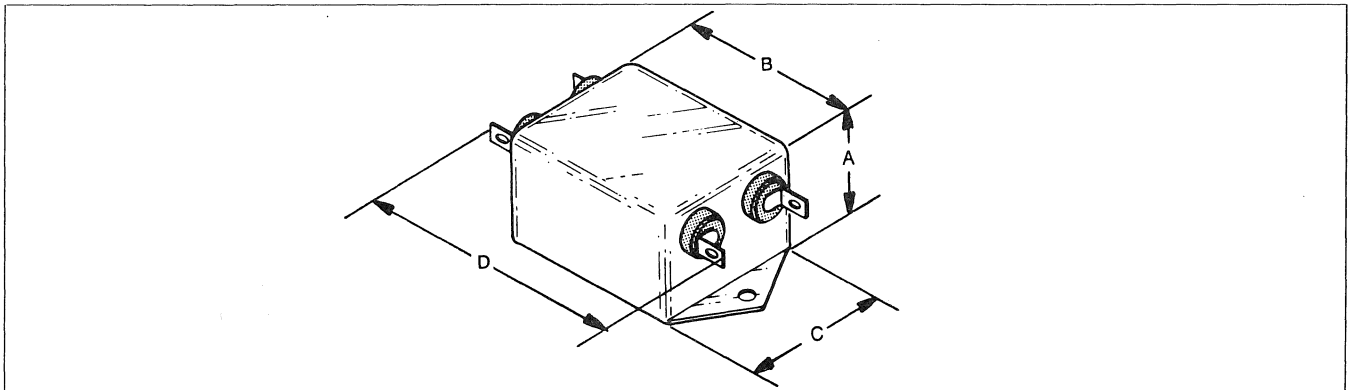
<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



RFI FILTERS (cont)



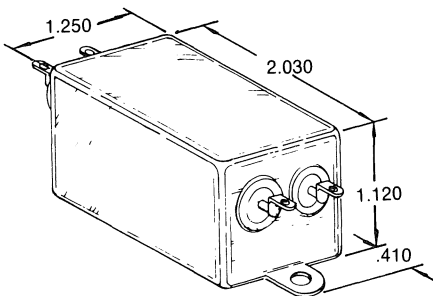
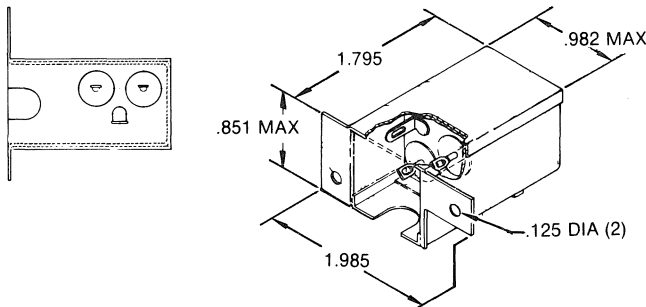
Current Carrying Capacity (A)	Operating Voltage (Vac)	Operating Frequency (Hz)	Third Party Certification	Comments	Fig	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
30.	250.	60.	UL		1	119-0678-00		32.350	CR
60.	250.	50.-60.	UL & CSA	Safety Controlled	2	119-2497-00		345.350	PP



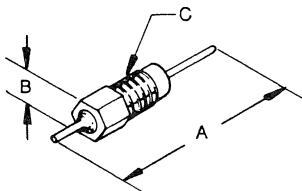
Current Carrying Capacity (A)	Operating Voltage (Vac)	Operating Frequency (Hz)	Third Party Certification	Dimensions				Comments	Part Number	Codes <sup>a</sup>		
				A	B	C	D			ND	Cost	ST
6.	250	50.-60.	UL	1.150	2.940	2.000	3.600		119-1577-00			DL
10.	250.	48.-440.	UL & CSA	1.500	2.500	2.000			119-1553-00			OB
10.	250.	48.-440.	UL & CSA	2.000	3.060	2.860	4.310	Safety Controlled	119-2220-00		26.920	CR
10.	250.	50.-60.	UL & CSA	1.102	2.681	2.000	3.464	Safety Controlled	119-1601-00	U	17.000	CS
10.	250.	50.-60.	UL, CSA & VDE	1.530		2.080	2.938	Safety Controlled	119-2488-00		18.080	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

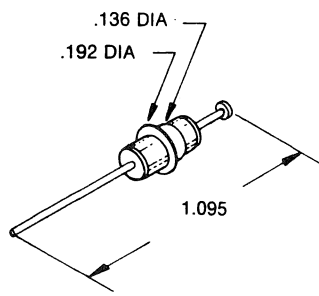
### RFI FILTERS (cont)

 <p style="text-align: center;">119-0028-04              COST:<sup>a</sup> 25.000 STATUS CODE:<sup>a</sup> CR              250. Vac 3. A 400. Hz</p>	 <p style="text-align: center;">119-0376-01              COST:<sup>a</sup> 24.580 STATUS CODE:<sup>a</sup> CR              250. Vac 3. A 50.-400. Hz</p>
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### EMI SUPPRESSION FILTERS



Dimensions			Description	Part Number	Codes <sup>a</sup>		
A	B	C			ND	Cost	ST
.820	.156 Hex	4-40 UNC-2A	1000. pF, 100. Vdc	281-0952-00		1.510	CR
.820	.156 Hex	6-32 UNC-2A	.01 uF, 100.-200. Vdc	281-0825-00		2.000	CR



281-0806-00  
 COST:<sup>a</sup> 3.520 STATUS CODE:<sup>a</sup> CS  
 1750. pF 250. Vdc

<sup>a</sup> The nominal price (at time of printing) is listed as the cost. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN**  
**RFI FILTERS (cont)**

Current Carrying Capacity (A)	Operating Voltage (Vac)	Operating Frequency (Hz)	Comments	Part Number	Codes <sup>a</sup>		
					ND	Cost	ST
1.	250.	400.	Safety Controlled	119-0095-05		46.837	CS
1.	250.	400.		119-0095-06		42.070	CS
1.500	250.	400.		119-0094-05			OB
3.250	250.	400.		119-0113-05		74.000	CS
10.	250.	45.-60.		119-0207-00			OB
10.	250.	48.-440.		119-1348-00		7.500	CS
10.	250.	60.		119-1435-00			NP
30.	250.	50.-400.		119-1172-00		20.490	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



## CROSS REFERENCE INDEX

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
119-0028-04	1-18	119-1577-00	1-17	119-2458-00	1-9	158-0048-00	1-2
119-0094-05	1-19	119-1591-00	1-9	119-2470-00	1-9	158-0049-00	1-2
119-0095-05	1-19	119-1596-00	1-12	119-2488-00	1-17	158-0052-00	1-3
119-0095-06	1-19	119-1599-00	1-9	119-2497-00	1-17	158-0053-00	1-3
119-0113-05	1-19	119-1601-00	1-17	119-2511-00	1-10	158-0055-00	1-2
119-0207-00	1-19	119-1676-00	1-13	119-2513-00	1-10	158-0056-00	1-3
119-0262-00	1-9	119-1677-00	1-13	119-2514-00	1-10	158-0058-00	1-2
119-0275-00	1-13	119-1680-00	1-9	119-2521-00	1-10	158-0059-00	1-2
119-0276-01	1-13	119-1721-00	1-9	119-2522-00	1-10	158-0060-00	1-2
119-0278-01	1-13	119-1750-00	1-16	119-2603-00	1-10	158-0061-00	1-2
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NOTE  
FOR NEW DESIGN

MANY OF THE COMPONENTS THAT ARE LISTED IN THE COMMON DESIGN PARTS CATALOGS DO NOT REPRESENT THE LATEST TECHNOLOGY. THEY SHOULD NOT BE USED FOR NEW DESIGNS. PLEASE CONSULT YOUR COMPONENT OR PROCUREMENT ENGINEERS AND YOUR PROCUREMENT DEPARTMENT FOR THE LATEST PREFERRED COMPONENTS AND THE PREFERRED SUPPLIERS OF THESE COMPONENTS.

**FOR QUESTIONS ON PREFERRED SUPPLIERS OF COMPONENTS NOT LISTED IN THIS SECTION, CONTACT DAN DECKER OR CORPORATE PROCUREMENT (DICK BORTS).**

TEK COMPONENT MTG. STANDARDS

- 062-1732-00
- 062-1732-01 A Series
- 062-1732-02 B Series
- 062-1732-03 C Series
- 062-1732-04 D Series
- 062-2732-05 E Series
- 062-2732-06 F Series
- 062-1732-07 H Series
- 062-1732-08 M Series

In the Electro-Mechanical Section of the Supplement Catalog you will find the following application notes:

- Air Core
- Limiting Values of Inductance
- Pot Core Information
- Torque Recommendations

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

# COIL, FIXED<sup>a</sup> TUBULAR

Actual L	Max RMS (mA)	Q	Test Freq (MHz)	Fig <sup>b</sup>	Body			Form Type	Winding		Other	Part Number	Codes <sup>c</sup>		
					OD	L	Lead L		Turns (Ref)	AWG			ND	Cost	ST
14 nH		72	50.	1	.180	.380	1.500	.500 W Phenolic	1	28	Space Wound	108-0297-00	N		OB
15 nH		65	50.	1	.120	.250	1.500	.250 W Phenolic	2	28	Space Wound	108-0444-00		.380	CR
24 nH		65	50.	1	.090	.250	1.500	.250 W Phenolic	5.3	28		108-0455-00	A	.380	CR
26 nH		90	50.	1	.190	.250	1.500	.250 W Phenolic	3	28		108-1001-00		.670	CR
28 nH				1	.110	.250	1.500	.250 W Phenolic	5	33		108-1104-00		2.030	CR
28 nH		90	50.	1	.190	.380	1.500	.500 W Phenolic	2	24		108-0313-00			OB
30 nH		50	50.	1	.076	.145	1.000	.125 W Phenolic	3	36		108-0642-00	A	.393	CR
31 nH		59	50.	1	.078	.145	1.000	.125 W Phenolic	4	33		108-0606-00	A	.430	CR
33 nH		82	50.	1	.180	.380	1.500	.500 W Phenolic	2	28		108-0312-00	N		OB
40 nH		64	50.	1	.083	.140	1.000	.125 W Phenolic	3	31		108-0737-00		.440	CR
40 nH		35	50.	24	.080	.110		Chip			Taped & Reeled, Surface Mount	108-5013-00		.450	EN
42 nH	5		10.	1	.085	.145	1.000		5.5	31		108-1382-00		.420	EN
44 nH		62	50.	1	.120	.250	1.500	.250 W Phenolic	6	29	Space Wound	108-0373-00		.224	CS
44 nH		61	50.	1	.085	.145	1.000	.125 W Phenolic	5.5	31		108-0892-00		.380	CR
48 nH		78	50.	1	.120	.250	1.500	.250 W Phenolic	5	28		108-0327-00	A	.320	CR
50 nH		40	25.	1	.125	.312	1.437				± 10% Tol, Taped & Reeled	108-1239-00		.181	CR
50 nH		35	50.	24	.080	.110		Chip			Taped & Reeled, Surface Mount	108-5022-00		.680	CR
54 nH		49	50.	1	.076	.145	1.000	.125 W Phenolic	5	36		108-0643-00	A	.410	CR
57 nH		89	50.	1	.180	.380	1.500	.500 W Phenolic	4	28		108-0277-00	A		OB
61 nH		60	50.	1	.087	.145	1.000	.125 W Phenolic	7	30		108-0682-00	A	.440	CR
63 nH				1	.110	.250	1.500	.250 W Phenolic	5	33		108-0241-00	A	.390	CR
65 nH												108-1119-00			CR
68 nH		50	100.	24	.100	.104					Min. Ceramic Chip	108-1157-00		.340	CR
68 nH		107	50.	1	.200	.380	1.500	.500 W Phenolic	5	22		108-0319-00	A		OB
70 nH	5		10.	4		.300						108-1309-00		.160	CR
70 nH		35	150.	24	.080	.100		Chip			Taped & Reeled, Surface Mount	108-5001-00		.690	PP
75 nH		73	50.	1	.121	.250	1.500	.250 W Phenolic	6	28		108-0655-00	A	.400	CR
79 nH		89	50.	1	.160	.380	1.500	.500 W Phenolic	4	29		108-0310-00	N	.383	CS
81 nH		91	50.	1	.170	.375	1.500	.500 W Phenolic	5	28		108-0250-00	A	.406	CR
83 nH		70	50.	1	.076	.145	1.000	.125 W Phenolic	7.5	36		108-0912-00		.416	CR
89 nH		39	50.	1	.103	.250	1.500	.250 W Phenolic	9	35	Space Wound	108-0550-00	A	.269	CR
94 nH					.047 Sq			Chip				108-1108-00	A		DL
98 nH		105	25.	1	.112	.250	1.500	.250 W Phenolic	7	32		108-0260-00		.380	CR
100 nH					.095	.110		Chip				108-1118-00		2.430	PP
100 nH		40	25.	1	.140	.312	1.437				± 10% Tol, Taped & Reeled	108-1240-00		.175	CR
100 nH	1350	40	25.	1	.120	.330	2.920	Phenolic			Taped & Reeled	108-1312-00		.200	PP
100 nH		30	50.	24	.080	.110		Chip			Taped & Reeled, Surface Mount	108-5030-00		.830	EN
117 nH		45	25.	1	.081	.145	1.000	.125 W Phenolic	11	33		108-0733-00	A	.380	CR
120 nH		25	25.	24	.080	.110		Chip			Taped & Reeled, Surface Mount	108-5006-00		.200	CR
126 nH		40	25.	1	.076	.145	1.000	.125 W Phenolic	10	36		108-0739-00			OB
135 nH		74	25.	1	.170	.380	1.500	.500 W Phenolic	7	28		108-0220-00		.383	CS
143 nH		42	25.	1	.079	.145	1.000	.125 W Phenolic	12	35		108-0907-00		.484	CR
150 nH		59	25.	1	.109	.250	1.500	.250 W Phenolic	11	30		108-0311-00	A	.410	CR
163 nH		59	25.	1	.118	.250	1.500	.250 W Phenolic	12	29	± 5% Tolerance	108-0734-00	A	.410	CR
165 nH		54	25.	1	.110	.250	1.500	.250 W Phenolic	10	33		108-0181-01	A	.300	CR
180 nH		35	25.	1	.125	.312	1.437				± 20% Tol, Taped & Reeled	108-1238-00		.225	CR
180 nH	1105	35	25.	1	.120	.330	1.295	Phenolic			Taped & Reeled	108-1341-00		.108	CR
220 nH	2.8 A	50	2.5	1	.170	.440	1.312	Phenolic				108-0315-00	A	.239	CR
220 nH	1025	33	25.	1	.120	.330	1.200	Phenolic			Taped & Reeled	108-1288-00		1.160	CR
235 nH		54	25.	1	.100	.250	1.500	.250 W Phenolic	13	33		108-0436-00	A	.380	CR
245 nH		25.	1	.109	.250	1.500	.250 W Phenolic	14	32		108-1000-00		.960	CR	
290 nH		61	25.	1	.140	.380	1.500	.500 W Phenolic	9	35		108-0462-00	A		OB
293 nH		59	25.	1	.107	.250	1.500	.250 W Phenolic	15	33		108-0182-00	A	.260	CR
300 nH		78	25.	1	.156	.375	1.500	.500 W Phenolic	10	20		108-0112-00	A	.499	CS
330 nH	815	30	25.	1	.120	.330	1.295	Phenolic			Taped & Reeled	108-1339-00		.200	CR
360 nH		58	25.	1	.110	.250	1.500	.250 W Phenolic	18	33		108-0170-01	A	.300	CR
380 nH		75	25.	1	.158	.375	1.500	.500 W Phenolic	11	32		108-0062-00	A	.380	CS
400 nH				1	.090	.250	1.500	.250 W Phenolic	16	34		108-0413-00	A	.380	CR
413 nH	5	30	4.	1	.120	.300	1.000					108-1206-00		.450	CR
440 nH	3 A	22	1.	1	.140	.300	1.500		13	25	Taped & Reeled	108-1315-00		.540	CR

<sup>a</sup> For questions on preferred suppliers of components not listed, contact Dan Decker or Corporate Procurement (Dick Borts).

<sup>b</sup> For illustrations, see tab marked Coils, Fixed (Tubular) in the back of this catalog.

<sup>c</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

# COIL, FIXED (cont)<sup>a</sup>

## TUBULAR (cont)

Actual L	Max RMS (mA)	Q	Test Freq (MHz)	Fig <sup>b</sup>	Body			Form Type	Winding		Other	Part Number	Codes <sup>c</sup>		
					OD	L	Lead L		Turns (Ref)	AWG			ND	Cost	ST
505 nH		58	25.	1	.109	.250	1.500	.250 W Phenolic	22	34		108-0262-00	A	.300	CR
510 nH		40	100.	24		.099					Min. Ceramic Chip	108-1178-00		.300	CR
510 nH		35	100.	24		.104		Chip			Min. Ceramic Chip	108-1158-00		.270	CR
560 nH		30	25.	24		.110		Taped & Reeled, Surface Mount				108-5005-00		.850	CR
584 nH		58	25.	1	.107	.250	1.500	.250 W Phenolic	24	34	± 2% Tolerance	108-0735-00	A	.460	CR
680 nH	495	28	25.	1	.120	.330	2.920	Phenolic			Taped & Reeled	108-1313-00		.150	PP
720 nH		77	25.	1	.156	.375	1.500	.500 W Phenolic	19	32		108-0072-00	A	.358	CR
725 nH		75	25.	1	.168	.375	1.500	.500 W Phenolic	23	29		108-0767-00		.452	CS
750 nH	5	10.	10.	4	1.000	.850	.300		2.5	8		108-1237-00			DL
805 nH		73	25.	1	.165	.375	1.500	.500 W Phenolic	23	30	± 2% Tolerance	108-0719-00	A	.440	CR
820 nH	415	28	25.	1	.120	.330	2.920	Phenolic			Taped & Reeled	108-1355-00		.200	CR
828 nH		55	25.	1	.105	.250	1.500	.250 W Phenolic	30	35	± 5% Tolerance	108-0736-00	A	.420	CR
850 nH				16	.400	.625	.190					108-1109-00		2.400	CR
900 nH		75	25.	1	.159	.375	1.500	.500 W Phenolic	20	33		108-0666-00	A	.543	CR
900 nH		52	25.	1	.104	.250	1.500	.250 W Phenolic	29	37	± 2% Tolerance	108-0683-00	A	.470	CR
940 nH	500	67	7.9	1	.250	.562	1.500	1.000 W Phenolic	16	28		108-0001-00	A	.617	CS
1 μH	408	40	25.2	25		4.500		Chip			Taped & Reeled, Surface Mount	108-5000-00 <sup>d</sup>		1.000	PP
1.06 μH	1.2 A	50	7.9	1	.159	.375	1.500	.500 W Phenolic	24	32		108-0056-00	A	.380	CR
1.07 μH	500	35	7.9	1	.102	.250	1.500	.250 W Phenolic	32	38		108-0723-00		.450	CR
1.1 μH	510	35	7.9	1	.102	.250	1.500	.250 W Phenolic	31	38		108-0215-00	A	.300	CR
1.33 μH	1 A	50	7.9	1	.156	.375	1.500	.500 W Phenolic	28	33		108-0095-00	A	.380	CR
1.4 μH	470	36	7.9	1	.100	.250	1.500	.250 W Phenolic	37	38		108-0341-00	A	.410	CR
1.5 μH	410	50	7.96	26		4.500		Chip			Leadless, Surface Mount	108-5021-00 <sup>d</sup>		.500	EN
1.51 μH	5	20	4.	1	.120	.300	1.000					108-1204-00		.450	CR
1.59 μH	940	50	7.9	1	.156	.375	1.500	.500 W Phenolic	32	33		108-0105-00	A	.380	CR
1.59 μH	940	51	7.9	1	.156	.375	1.500	.500 W Phenolic	32	33	± 2% Tolerance	108-0559-00		.480	CR
1.59 μH	930	51	7.9	1	.156	.375	1.500	.500 W Phenolic	33	33	± 2% Tolerance	108-0560-00		.907	CS
1.6 μH	3 A		.02	4		.635	.200	Ferrite	8.5	18		108-1294-00		.790	CR
1.75 μH	890	49	7.9	1	.159	.375	1.500	.500 W Phenolic	36	33	± 2% Tolerance	108-0718-00		.480	CR
1.8 μH		28	7.9	24		.110		Chip			Taped & Reeled, Surface Mount	108-5004-00		.250	CR
1.93 μH	860	50	7.9	1	.156	.375	1.500	.500 W Phenolic	38	33	± 2% Tolerance	108-0547-00			OB
1.98 μH	850	48	7.9	1	.156	.375	1.500	.500 W Phenolic	37	34	± 2% Tolerance	108-0548-00			OB
2 μH		82	7.9	7	.500	.835	.120	Plastic	17.5	28	17.5 Tapped at 8.75	108-0759-00		1.811	CS
2 μH	5		.02	4	.580	.290	.250	Powdered Iron	5	19		108-1242-00			DL
2 μH	5		.2	4	.580	.250	.250	Powdered Iron	5	19		108-1242-01		1.300	CR
2.15 μH	700	50	7.9	1	.156	.375	1.500	.500 W Phenolic	36	35		108-0147-00	A	.658	CS
2.2 μH		80	7.9	7	.500	.835	.120	Plastic	17.5	30	Center Tap	108-0673-00		2.490	CR
2.2 μH	630	50	7.96	1	.110	.276	1.160				Taped & Reeled	108-1281-00		.200	CR
2.2 μH		28	7.9	24		.110		Chip			Taped & Reeled, Surface Mount	108-5012-00		.770	EN
2.3 μH	5		1.	3	.497	1.250	.350	Ferrite	9.5	10	.625 Lead Spacing	108-1125-00		1.454	CS
2.4 μH	32 A		.001	4	.495	1.300	.350	Ferrite	11.5	10		108-0935-00		1.314	CS
2.45 μH	670	50	7.9	1	.546	.375	1.500	.500 W Phenolic	40	35		108-0103-00	A	.380	CR
2.45 μH	310	35	7.9	1	.090	.250	1.500	.250 W Phenolic	51	40		108-0509-00	A	.340	CR
2.45 μH				1							Taped & Reeled	108-0509-01		.340	CR
2.5 μH	5	630	10.	1	.155	.375	1.500					108-0103-01		.490	CR
2.6 μH			4.	7	.500	.500	.125	Plastic	24.5	32	Center Tap	120-1568-00		.790	CS
2.7 μH	355	37	7.9	1	.120	.330	1.295	Powdered Iron			± 10% Tol, Taped & Reeled	108-1251-00		.095	CR
2.7 μH	1 A	34	7.9	1	.160	.250	1.500	Powdered Iron				108-0538-00	A	.300	CR
2.7 μH	1 A	34	7.9	1	.160	.370	1.200	Powdered Iron			Taped & Reeled	108-0538-02		.269	CR
2.9 μH		73	7.9	7	.500	.835	.120	Plastic	19.5	31	Tapped at 9.75	108-0755-00		1.693	CS
3 μH				10								108-1171-00		3.960	CS
3.18 μH	560	52	7.9	1	.156	.375	1.500	.500 W Phenolic	46	36		108-0088-00		.410	CR
3.2 μH	5.8 A		7.9	1	.243	.625	1.500	Ferrite	12	22		108-0858-00		.640	CR
3.3 μH	270	45	7.9	1	.120	.330	2.920	Iron			Taped & Reeled	108-1354-00		.144	CR
3.6 μH		67	7.9	8	.250	1.160	.250	Plastic	29	35	± 10% Tol, Ctr Tap	108-0252-00			OB
3.7 μH	490	73	7.9	1	.150	.375	1.500	.500 W Phenolic	48	37	± 2% Tolerance	108-0561-00	A	.440	CR
3.9 μH												108-1100-00		1.524	CS
3.9 μH	160	35	7.9	1	.150	.250	1.500	Powdered Iron				108-0245-00	A	.238	CR
3.9 μH	800	35	7.9	1	.150	.320	1.625				Taped & Reeled	108-0245-01		.300	PP
3.9 μH	250	45	7.9	1	.120	.330	1.295				± 10% Tol, Taped & Reeled	108-1246-00		.320	CR

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<sup>d</sup> Dimensions are in mm.

# COIL, FIXED (cont)<sup>a</sup>

## TUBULAR (cont)

Actual L	Max RMS (mA)	Q	Test Freq (MHz)	Fig <sup>b</sup>	Body			Form Type	Winding		Other	Part Number	Codes <sup>c</sup>		
					Body OD A	Body L B	Lead L C		Turns (Ref)	AWG			ND	Cost	ST
3.9 μH	555		7.96	1	.276	2.360	.110	Ferrite	11.5	10	Taped & Reeled	108-1344-00		.242	CR
4 μH	30 A		.001	3	.625	1.320	.350	Ferrite			.625 Ld. Spacing	108-0974-00		1.720	CR
4.45 μH	450	50	7.9	1	.150	.375	1.500	.500 W Phenolic	57	37	±2% Tolerance	108-0549-00	A	.550	CR
4.5 μH	420	51	7.9	1	.150	.380	1.500	.500 W Phenolic	53	38		108-0231-00		.410	CR
4.7 μH	315	50	7.96	26		4.500		Chip			Leadless, Surface Mount	108-5018-00 <sup>d</sup>		.300	PP
5 μH	7 A		.001	3	.500	.600	.350	Ferrite	17.5	16	±20% Tolerance	108-0554-00	A	.870	CR
5 μH	10 A		.01	3	.450	1.250	.200	Ferrite	14.5	16	±10% Tolerance	108-1234-00		.560	CR
5.5 μH	350	51	7.9	1	.148	.375	1.500	.500 W Phenolic	57	39		108-0146-00	A	.410	CR
5.5 μH	22 A		.001	3	.465	1.250	.350	Ferrite	13.5	12	.450 Lead Spacing	108-0950-00		1.830	CR
5.6 μH	16 A		.001	4	.415	1.250	.350	Ferrite	11.5	14		108-1007-00		1.150	CR
5.6 μH	300	50	7.96	26		4.500		Chip			Leadless, Surface Mount	108-5023-00 <sup>d</sup>		1.000	CR
5.7 μH	18 A			4	.465	1.250	.350	Ferrite	13.5	12		108-0919-00		1.299	CS
6.1 μH	36 A			4	.725	1.625	.400	Powdered Iron	12.5	10		108-1055-00		1.644	CS
6.9 μH	320	51	7.9	1	.140	.375	1.500	.500 W Phenolic	68	39		108-0054-00	A	.380	CR
7.07 μH		73	7.9	1	.244	.562	1.500	1.000 W Phenolic	55	33	±2.5% Tolerance	108-0766-00		.490	CR
7.1 μH	690	73	7.9	1	.240	.560	1.500	1.000 W Phenolic	55	33		108-0020-00	N	.490	CR
7.5 μH			.001	5	.515	.950	.250	Ferrite	30	14	2 Layers	108-0747-00		1.443	CS
8.1 μH	500	70	4.	7	.500	.835	.125	Ferrite	41.5	32	Tapped	108-1175-00		1.770	CR
8.3 μH	1.47 A			4	.405	1.250	.350	Ferrite	18.5	15		108-0859-00		.740	CR
9 μH	2	60	4.	1	.120	.320	1.000	Ferrite				108-1212-00		.506	CR
9.4 μH	260	50	7.9	1	.156	.375	1.500	.500 W Phenolic	80	40		108-0057-00	A	.410	CR
10 μH	700		.001	4	.187	.625	.300	Ferrite				108-1058-00	A	.250	CR
10 μH		70	27.	12	.300	.276	.236	Ferrite				108-1263-00		.420	CR
10 μH			1.	1	.095	.250	1.438			24		108-1397-00		.034	CR
10 μH	350			28		.200		Chip			Taped & Reeled, Surface Mount	108-5033-00		.564	CR
10.5 μH	10		.004	12	1.102	.787	.400	Ferrite	9.5	18		108-1126-00		2.648	CR
11 μH	15 A			3	.350	1.250	.350	Ferrite	19.5	16	.400 Lead Spacing	108-1022-00		2.570	CR
11.2 μH	26 A			12	.949	.788	.400	Ferrite	10.5	18		108-0976-00		2.581	CS
12 μH		25	2.5	1	.310	.625	1.500	Ferrite	24	21	±10% Tolerance	108-0813-00		.720	CR
12 μH	75	52	18.	1	.160	.250	1.250	Powdered Iron				108-0249-00	A	.585	CR
12 μH			.001	5	.450	.950	.250	Ferrite	24.5	16		108-0679-00		1.200	CR
12 μH	120	41	2.5	27		.155		Chip			Surface Mount	108-5003-00		.350	CR
12 μH	5 A		.001	4	.450	1.000	.250	Ferrite	25	16	±20% Tolerance	108-0556-00		1.200	CR
12 μH	480	75	2.52	1	.140	.355	1.200	Ferrite			Taped & Reeled	108-1286-00		.152	PP
13.4 μH	390	50	2.5	1	.237	.565	1.500	1.000 W Phenolic	70	37		108-0134-00			OB
14.5 μH		47	2.5	10	.300	.680	.190	Plastic	72	39	Tap at 36 Turns	108-0497-00			OB
15 μH	460	55	2.5	1	.170	.440	1.312	Powdered Iron				108-0317-00	A	.250	CR
15 μH	200	50	2.52	26		4.500		Chip			Taped & Reeled	108-5002-00 <sup>d</sup>		.350	CR
17.1 μH		50	2.5	1	.236	.562	1.500	1.000 W Phenolic	76	39	±2.5% Tolerance	108-0765-00	A	.480	CR
18 μH												108-1146-00		1.591	CR
18 μH	320	50	2.5	1	.237	.565	1.500	1.000 W Phenolic	85	38		108-0129-00	A	.890	CS
21.5 μH		63	2.5	1	.318	1.065	3.120/.690	Plastic	78	35		108-0150-00			OB
22 μH	285	50	2.52	1	.120	.330	1.295				Taped & Reeled	108-1352-00		.242	CR
23.5 μH	140	25	2.5	1	.150	.380	1.500	.500 W Phenolic	129	44		108-0443-00	A	.440	CR
25 μH	5 A			9	.468	.750	.250					108-1041-00		1.690	CR
25 μH			1.	7	.500	.840	.120	Plastic	60.25	40	Tapped at 29.75	108-0687-00		2.190	CR
25 μH	3.5 A		.001	1	.400	.875	1.500	Ferrite	34	19	±20% Tolerance	108-0337-00	A	.680	CR
25 μH	7.25 A		.05	12	.585	.840	.131	Ferrite	21.5	20		108-1350-00		2.010	CR
26 μH	630	65	2.5	1	.210	.625	1.500	Powdered Iron	40	35		108-0016-00	A	.500	CR
27 μH	135	50	20.	1	.105	.270	1.000	Powdered Iron				108-1243-00		.812	CR
27 μH	1.28 A		.001	1	.250	.600	1.000	Ferrite				108-1144-00	A	.550	CR
27 μH			.001	5	.400	.950	.250	Ferrite	33.5	19		108-0680-00		1.200	CR
27 μH	3 A		.01	7	.580	.900	.225	Ferrite	36	25		108-1233-00		.500	CR
27 μH	280	52	2.5	29	.255	.385	.750			24		108-1408-00		.550	CR
28.8 μH	8.4 A		.001	4	.350	1.250	.350	Ferrite	30.5	20		108-1006-00		1.150	CR
30 μH		32	2.5	7	.500	.835	.120	Plastic	58.25	44	Tapped at 28.75	108-0803-00		1.810	CS
30 μH	6.7		.001	4	.360	1.250	.350	Ferrite	32.5	20		108-0995-00		1.780	CR
30.3 μH				1	.235	.562	1.500	1.000 W Phenolic	113	40		108-0872-00		.502	CR
33 μH	1		1.	16	.400	.625	.190		119	42	Tapped at 62	108-1120-00		4.920	CR

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# COIL, FIXED (cont)<sup>a</sup>

## TUBULAR (cont)

Actual L	Max RMS (mA)	Q	Test Freq (MHz)	Fig <sup>b</sup>	Body			Form Type	Winding		Other	Part Number	Codes <sup>c</sup>		
					OD	L	L		Turns (Ref)	AWG			ND	Cost	ST
35.5 μH	180	43	2.5	1	.234	.562	1.500	1,000 W Phenolic	123	41		108-0702-00	.490	CR	
39 μH			.001	11	1.400	1.065		Plastic	46	20	Trifilar +1 -3 μH	108-0631-00	10,990	CR	
39.5 μH		74	2.5	7	.500	.840	.120	Plastic	94.5	38	Center Tap	108-0459-00	.964	CS	
40 μH	1	90	2.	1	.150	.375	1.500	Powdered Iron	80	40		108-1362-00	.490	CR	
43 μH			.001	11	1.400	1.065		Plastic	48	20	Trifilar +0 -4 μH	108-0632-00	11,150	CR	
43 μH				10					45	26		108-1172-00	4,429	CS	
44 μH	570	59	2.5	1	.210	.630	1.500	Powdered Iron	62	34	±20% Tolerance	108-0360-00	.470	CR	
47 μH	420	46	26.4	1	.164	.450	1.300				Shielded	108-1226-00	1,370	CR	
47 μH	140		2.52	26		.177		Chip			Leadless, Surface Mount	108-5026-00	.580	CR	
47 μH	140	50	2.52	26		4.500		Chip			Leadless, Surface Mount	108-5027-00 <sup>d</sup>	.500	CR	
48 μH	5 A		.001	1	.480	.875	1.500	Ferrite	43	19		108-0949-00	1,335	CS	
48.5 μH		70	2.5	7	.500	.840	.120	Plastic	106.5	39	Tap at 53-3/4 Turn	108-0361-00		OB	
50 μH			.06	17	1.046	.718	.296					108-0902-00	A 3,970	CR	
50 μH	3 A		.001	9	.370	.750	.250	Ferrite	35.5	20		108-0958-00	1,400	CR	
52 μH	540	64	2.5	1	.210	.620	1.500	Powdered Iron	70	34		108-0200-00	A .490	CR	
56 μH	380	49	2.5	1	.157	.395	1.250	Ferrite				108-0913-00	2,000	CS	
56 μH	100	45	18.	1	.105	.270	1.000	Ferrite			±1% Tolerance, Machine Insertable	108-1268-00	.453	CR	
58 μH	5		4.	1	.450	.880	1.500	Ferrite	49	22		108-1130-00	1,212	CR	
63 μH	430	70	2.5	1	.203	.625	1.500	Powdered Iron	70	36		108-0109-00	A .490	CR	
68 μH			.001	11	1.400	1.341		Plastic	68	20	Trifilar +0 -8 μH	108-0633-00	10,100	CR	
68 μH		34	2.5	24	.100	.170		Chip			Taped & Reeled, Surface Mount	108-5008-00	.410	EN	
70 μH	389	58	2.5	1	.200	.625	1.500	Powdered Iron	85	36	±5% Tolerance	108-0458-00	A .510	CR	
72 μH	390	63	2.5	1	.200	.625	1.500	Powdered Iron	85	36	Reverse Wound	108-0461-00		OB	
74 μH	120	38	2.5	1	.231	.562	1.500	1,000 W Phenolic	180	43		108-0564-00	A .420	CR	
80 μH				6	.390	.950	.250	Ferrite	56.5	24	w/sleeving	108-1088-00	2,183	CS	
80 μH	1.6 A		.001	6	.340	.950	.250	Ferrite	56.5	24	±20% Tolerance	108-0646-00	A 1,450	CR	
80 μH	1.6 A		.001	1	.312	.625	1.500	Ferrite	68	25	±20% Tolerance	108-0422-00	A .620	CR	
80 μH	380	50	2.5	1	.210	.625	1.500	Powdered Iron	87	36	±5% Tolerance	108-0237-00	A .490	CR	
82 μH	100	400	100	21	1.600	2.500		Ferrite			Taped & Reeled, Surface Mount	108-1287-00	A .500	PP	
82 μH	175	60	2.52	1	.120	.330	1.295				Taped & Reeled	108-1351-00	.155	CR	
82 μH	120	50	2.52	26		4.500		Chip			Leadless, Surface Mount	108-5009-00 <sup>d</sup>	.500	CR	
88 μH	125	37	.3	22	.437	.270	1.000	Powdered Iron				108-1273-00	A 3,180	CR	
100 μH	405	75	12.	1	.280	.900	1.312	Powdered Iron				108-0318-00	A .810	CR	
100 μH		30	8.2	12	.335	.276	.236	Ferrite				108-1262-00	.450	CR	
100 μH	2.1 A		.001	1	.415	.900	1.550	Ferrite	70	22	±20% Tolerance	108-0336-00	A .580	CR	
100 μH	75	40	.79	1	.141	.250	1.500	Powdered Iron	143	41	±5% Tolerance	108-0226-00	A .635	CR	
100 μH	165		2.5	1	.276	2.360	.110				Taped & Reeled	108-1343-00	.242	CR	
100 μH	110	40	.796	26		4.500		Chip			Leadless, Surface Mount	108-5015-00 <sup>d</sup>	.250	PP	
105 μH	6 A		.001	12	.709	.788	.400	Ferrite	39.5	18		108-0977-00	1,543	CR	
110 μH				12				Ferrite				108-1098-00	6,932	CS	
120 μH				2		.950	.400	Ferrite	70	22		108-1079-00	4,222	CS	
134 μH	220	76	.001	1	.210	.625	1.500	Powdered Iron	102	40	±5% Tolerance	108-0234-00	A .490	CR	
135 μH	4.5 A		.001	12	.551	.788	.400	Ferrite	50.5	20		108-0978-00	1,827	CS	
140 μH	4 A		.001	12	.551	.788	.400	Ferrite	50.5	20		108-0921-00	1,720	CR	
140 μH			.001	6	.500	.950	.250	Ferrite	81	21	±20% Tolerance	108-0681-00	1,450	CR	
140 μH	2.2 A		.001	15	.496	1.110	.250	Ferrite	81.5	21		108-0973-00	A 2,570	CR	
150 μH	1.5		.001	9	.370	.750	.250	Ferrite	62.5	23		108-0959-00	1,960	CR	
162 μH	210	72	.79	1	.210	.620	1.500	Powdered Iron	110	40		108-0472-00	A .490	CR	
170 μH			7.9	1	.155	.184	1.625	Ferrite	105	38		108-1112-00	1,040	CR	
174 μH	1.3 A		.001	1	.370	.875	1.500	Ferrite	76	26	±20% Tolerance	108-0473-00	A .560	CR	
180 μH	140	60	4.35	1	.110	.276	2.360				Taped & Reeled, Molded	108-1282-00	.270	CR	
200 μH	5		.01	12	.944	.571	.400	Ferrite	41.5	21		108-1131-00	2,165	CR	
200 μH	1.5 A			23	.900	.250		Powdered Iron		22		108-1255-00	1,360	CR	
200 μH	1 A	50	.04	1	.350	.625	1.500	Ferrite		30		108-1295-00	1,180	CR	
220 μH	42.5	35		1	.120	.200	1.200	Ferrite			Choke	108-1338-00		EN	
270 μH	5		.02	1	.380	.750	1.500	Ferrite	83	24		108-0981-00	1,445	CS	
270 μH	240	60	.79	1	.157	.395	1.250	Ferrite				108-0914-00	1,500	CS	
290 μH	4 A			12	.866	.571	.400	Ferrite	51.5	21		108-1038-00	2,198	CR	
300 μH	2 A		.001	23	.630	1.200	.150					108-1349-00	6,960	CR	
400 μH	2.5 A		.001	12	.550	.788	.400	Ferrite	88.5	23		108-0993-00	3,460	CR	

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<sup>d</sup> Dimensions are in mm.

# COIL, FIXED (cont)<sup>a</sup>

## TUBULAR (cont)

Actual L	Max RMS (mA)	Q	Test Freq (MHz)	Fig <sup>b</sup>	Body	Body	Lead	Form Type	Winding		Other	Part Number	Codes <sup>c</sup>		
					OD	L	L		Turns (Ref)	AWG			ND	Cost	ST
450 μH	5		.01	12	.949	.788	.400	Ferrite	70.5	19		108-1122-00		2.140	CR
460 μH	150	35	.79	1	.331	.562	.593	1.000 W Phenolic	320	38		108-0214-00		1.390	CR
500 μH	800		.001	9	.470	.750	.250	Ferrite	114.5	26		108-0972-00		1.830	CR
500 μH				1	.380	.875	1.500	Ferrite	135	25		108-0808-00		.630	CR
520 μH	3 A		.001	12	.950	.788	.400	Ferrite	75.5	20		108-0975-00		1.420	CR
550 μH				12	.949	.788	.400	Ferrite	78.5	20		108-1057-00		1.993	CS
600 μH	125	67	.79	1	.500	.615	1.500	Phenolic	465	42	3 Sect., ±5% Tol	108-0254-00			OB
620 μH		42	.79	14	.450	.500	.265					108-1089-00		.120	CR
660 μH	140	75	.79	1	.255	.625	1.500	Powdered Iron	210	40	±20% Tolerance	108-0563-00			OB
700 μH				12	.949	.788	.400	Ferrite	84.5	21		108-1068-00		1.920	CS
700 μH	1.5 A		.001	12	.551	.788	.400	Ferrite	115.5	24		108-0980-00		1.679	CS
750 μH	160		.79	1	.470	.750	1.250	Phenolic	495		6/42 Litz, 3 Sect.	108-0225-00		3.150	CS
800 μH	2.6 A		.001	12	.949	.788	.400	Ferrite	92.5	20	+20 -10%	108-0922-00		2.022	CS
820 μH	40	30	.79	1	.105	.250	1.375	Ferrite			±10 Tolerance	108-0800-00		.925	CR
820 μH	75	33	.79	1	.210	.245	1.500	Powdered Iron	371	41	±5% Tolerance	108-0240-00	A	.465	CR
820 μH	40	30	.79	1	.105	.250	1.375	Ferrite			Taped & Reeled	108-0800-01		.334	CR
820 μH	30	30	.796	26		4.500		Chip			Leadless, Surface Mount	108-5014-00 <sup>d</sup>		.300	PP
940 μH			.001	11	1.400	1.065		Plastic	235	28	Trifilar ±.040	108-0634-00		9.140	CR
950 μH	119	40	.25	1	.375	.563	.594	1.000 W Phenolic	450	38		108-0065-00	N	2.970	CR
1 mH	400	47	.25	1	.500	.875	1.500	Ferrite	98	30	2 Sect., ±5% Tol	108-0205-00	A	.728	CR
1 mH	160	83	.25	1	.438	.875	1.250	Powdered Iron	300	34	3 Sect., ±5% Tol	108-0207-00			OB
1 mH			.02	20	.770	.520	.135					108-1267-00		3.629	CR
1.1 mH				1	.500	.875	1.500	Ferrite	210	26		108-1095-00		1.887	CS
1.1 mH												108-1114-00		1.420	CR
1.14mH			.001	11	1.400	1.605		Plastic	255	28		108-0635-00		8.920	CR
1.2 mH				12	.551	.788	.400	Ferrite				108-1113-00		1.440	CR
1.3 mH	1.6 A		.001	12	.709	.788	.400	Ferrite	135.5	24		108-0923-00		1.960	CR
1.3 mH	1.6 A			12	.709	.788	3.000	Ferrite	135.5	24	W/Pressure Sensitive Tape	108-0923-01		1.960	PP
1.5 mH	1.9 A			12	.949	.788	.400	Ferrite	1305	22		108-1056-00		2.284	CS
1.8 mH	75	40	.25	1	.240	.250	1.500	Powdered Iron			±5% Tolerance	108-0691-00	A	.480	CR
1.8 mH	380	36	7.9	1	.100	.250	1.500	.250 W Phenolic	43	39		108-0345-00		.310	CR
1.85mH				1	.575	.875	1.500		265	28		108-1078-00		2.417	CS
1.9 mH			.001	11	1.400	1.341		Plastic	372	28		108-0636-00		12.730	CR
2 mH		40	.25	1	.200	.625	1.500	Ferrite	300	35	±15% Tolerance	108-0795-00		.840	CR
2.2 mH	75	40	.25	1	.240	.250	1.500	Powdered Iron			±5% Tolerance	108-0654-00		.750	CR
2.5 mH	300			18	.925	.800	.175			26		108-1035-00		1.780	CS
2.5 mH	115			4	.500	2.000	2.000					108-0055-00			OB
2.5 mH	76	88	.250	1	.250	.688	1.250	Ferrite			3 Sect., ±5% Tol	108-0213-00	A	2.260	CR
3.5 mH		6.1	.001	1	.575	.875	1.500	Ferrite	370	29	±20% Tolerance	108-0688-00		1.930	CR
3.9 mH	160	73	.250	1	.590	.875	1.250	Powdered Iron			3 Sect., ±5% Tol	108-0224-00	A	3.680	CR
3.9 mH	75	96	.250	1	.281	.625	1.500	Ferrite			3 Sect., ±5% Tol	108-0204-00	A		OB
4 mH	5		.010	12	.551	.788	.400	Ferrite	270.5	29		108-1107-00		4.970	CR
5.3 mH	90	82	.250	1	.440	.625	.500	Powdered Iron	690	38	3 Sect., ±20% Tol	108-0165-00			OB
7 mH	1		.100	12	.551	.788	.400	Ferrite	365.5	31		108-1139-00		1.970	CR
7.5 mH	350			18	.900	.750	.125		310	30		108-1135-00		4.220	CS
10 mH	47	80	.250	1	.240	.740	1.250	Ferrite		33		108-1244-00		.630	CR
10 mH				13	.950	.780	.400	Ferrite	721	33		108-0982-00		8.472	CR
10 mH	50	41	.520	1	.350	.375	1.500	Powdered Iron				108-0324-00	A	.460	CR
16 mH	1.6 A		.062	19	1.250	1.625	3.500		165			108-1096-00	A	3.480	CS
47 mH	45	65	.079	1	.300	.740	1.437	Powdered Iron			5% Tolerance	108-0553-00		1.860	CR
50 mH	65	113	.079	1	.625	.875	1.250	Powdered Iron			3 Sect., ±5% Tol	108-0362-00			OB
600 mH												108-1106-00		1.830	CR

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# COIL, FIXED (cont)<sup>a</sup> TUBULAR (ON RESISTOR)

Actual L	Max RMS (mA)	Test Freq (MHz)	Fig <sup>b</sup>	Body OD	Body L	Lead L	Form Type	Winding		Other	Part Number	Codes <sup>c</sup>		
				A	B	C		Turns (Ref)	AWG			ND	Cost	ST
16 nH		50	1	.062	.145	1.000	.125 W Resistor	1.5	31	±.25 Turns	108-0796-00	.530	CR	
21 nH		50	1	.110	.250	1.300	.250 W Resistor	4	28		108-0453-00		OB	
37 nH		50	1	.060	.145	1.000	.125 W Resistor	3	38		108-0407-00	.498	CS	
38 nH		50	1	.072	.145	1.000	.125 W Resistor	3	38	Space Wound	108-0540-00	1.017	CS	
39 nH		50	1	.115	.250	1.300	.250 W Resistor	5	30		108-0685-00	.410	CR	
40 nH		50	1	.087	.145	1.000	.125 W Resistor	6	30		108-0677-00	.510	CR	
45 nH		50	1	.087	.145	1.000	.125 W Resistor	5	30	108-0601-00	.430	CR		
45 nH		50	1	.087	.145	1.000	.125 W Resistor	5	30	108-0627-00		OB		
45 nH		50	1	.087	.145	1.000	.125 W Resistor	5	30	108-0602-00	.610	CR		
49 nH		50	1	.076	.145	1.000	.125 W Resistor	4.5	36	108-0595-00	.490	CR		
55 nH		50	1	.087	.145	1.000	.125 W Resistor	6	30	108-0621-00		OB		
56 nH		50	1	.121	.250	1.300	.250 W Resistor	5	28	108-0760-00	.450	OT		
58 nH		50	1	.087	.145	1.000	.125 W Resistor	7	30	108-0893-00	.490	CR		
61 nH		50	1	.075	.145	1.000	.125 W Resistor	5	37	108-0568-00		OB		
66 nH		50	1	.087	.145	1.000	.125 W Resistor	7	30	108-0757-00		OB		
71 nH		50	1	.074	.145	1.000	.125 W Resistor	6	36	108-0541-00		OB		
71 nH		50	1	.087	.145	1.000	.125 W Resistor	8,25	30	108-0864-00	.430	CR		
75 nH		50	1	.100	.250	1.300	.250 W Resistor	5	35	108-0365-00		OB		
83 nH		25	1	.078	.145	1.000	.125 W Resistor	7	36	108-0280-00		OB		
91 nH		25	1	.060	.145	1.000	.125 W Resistor	7	36	108-0408-00	.490	CR		
93 nH		25	1	.111	.250	1.300	.250 W Resistor	7	32	108-0777-00	.450	CR		
97 nH		25	1	.078	.145	1.000	.125 W Resistor	8	36	108-0284-00	.430	CR		
98 nH		25	1	.078	.145	1.000	.125 W Resistor	8	36	108-0268-00		OB		
100 nH		25	1	.110	.250	1.300	.250 W Resistor	7	32	108-0352-00		OB		
105 nH		25	1	.160	.375	1.500	.500 W Resistor	5	33	108-0115-00		OB		
105 nH		25	1	.128	.250	1.300	.250 W Resistor	10	26	108-0999-00	.530	CR		
105 nH		25	1	.062	.145	1.000	.125 W Resistor	8	36	108-0517-00		OB		
109 nH		25	1	.070	.145	1.000	.125 W Resistor	9	36	108-0468-00	.480	CR		
115 nH		25	1	.078	.145	1.000	.125 W Resistor	10	34	108-0257-00		OB		
117 nH		25	1	.172	.375	1.500	.500 W Resistor	6	28	108-0206-00		OB		
125 nH		25	1	.079	.145	1.000	.125 W Resistor	10	34	108-0613-00		OB		
132 nH		25	1	.078	.145	1.000	.125 W Resistor	10	36	108-0282-00	.734	CS		
132 nH		25	1	.078	.145	1.000	.125 W Resistor	10	36	108-0281-00		OB		
132 nH		25	1	.078	.145	1.000	.125 W Resistor	10	36	108-0283-00	.406	CS		
167 nH		25	1	.078	.145	1.000	.125 W Resistor	12	36	108-0286-00	.527	CS		
167 nH		25	1	.072	.145	1.000	.125 W Resistor	12	36	108-0582-00	.440	CR		
175 nH		25	1	.170	.375	1.500	.500 W Resistor	8	28	108-0009-00		OB		
181 nH		25	1	.110	.250	1.300	.250 W Resistor	10	33	108-0425-00	.430	CR		
183 nH		25	1	.090	.250	1.300	.250 W Resistor	10	33	108-0446-00		OB		
204 nH		25	1	.077	.145	1.000	.125 W Resistor	15	35	108-0729-00	.510	CR		
220 nH		25	1	.094	.250	1.300	.250 W Resistor	14	36	108-0513-00		OB		
230 nH		25	1	.109	.250	1.300	.250 W Resistor	11	36	108-0298-00	.410	CR		
235 nH		25	1	.078	.145	1.000	.125 W Resistor	16	36	108-0248-00		OB		
235 nH		25	1	.078	.145	1.000	.125 W Resistor	16	36	108-0270-00		OB		
240 nH		25	1	.076	.145	1.000	.125 W Resistor	16	36	108-0614-00		OB		
240 nH		25	1	.109	.250	1.300	.250 W Resistor	11	36	108-0299-00		CR		
245 nH		25	1	.078	.145	1.000	.125 W Resistor	16	36	108-0271-00	.490	CR		
245 nH		25	1	.109	.250	1.300	.250 W Resistor	13	33	108-0715-00	.440	CR		
275 nH		25	1	.109	.250	1.300	.250 W Resistor	14	33	108-0917-00	.430	CR		
275 nH		25	1	.100	.250	1.300	.250 W Resistor	14	33	108-0487-00		OB		
280 nH		25	1	.174	.375	1.500	.500 W Resistor	12	27	108-0967-00	.590	CR		
285 nH		25	1	.109	.250	1.300	.250 W Resistor	15	33	108-0278-00	.760	PP		
290 nH		25	1	.111	.250	1.500	.250 W Resistor	15	32	108-0628-00	.420	CR		
295 nH		25	1	.094	.250	1.300	.250 W Resistor	14	39	108-0516-00		OB		
325 nH		25	1	.156	.375	1.500	.500 W Resistor	10	33	108-0221-00		OB		
350 nH		25	1	.094	.250	1.300	.250 W Resistor	14	39	108-0514-00		OB		
350 nH		25	1	.094	.250	1.300	.250 W Resistor	14	39	108-0515-00		OB		
365 nH	5	1	1	.112	.250	1.500	.250 W Resistor	19	32	108-1284-00	.630	CR		
395 nH		25	1	.109	.250	1.300	.250 W Resistor	15	36	108-0593-00	.410	CR		
400 nH		25	1	.281	.562	1.500	1.000 W Resistor	14	22	108-0931-00	.540	CR		

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# COIL, FIXED (cont)<sup>a</sup>

## TUBULAR (ON RESISTOR) (cont)

Actual L	Max RMS (mA)	Test Freq (MHz)	Fig <sup>b</sup>	Body			Lead L	Form Type	Winding		Other	Part Number	Codes <sup>c</sup>		
				A	B	C			Turns (Ref)	AWG			ND	Cost	ST
403 nH		25	1	.109	.250	1.300	.250 W Resistor	15	36		108-0330-00	A	.310	CR	
489 nH		25	1	.110	.250	1.300	.250 W Resistor	16	39		108-0325-00	A	.320	CR	
495 nH		25	1	.110	.250	1.300	.250 W Resistor	16	39		108-0212-00	A	.686	CR	
500 nH		25	1	.100	.250	1.300	.250 W Resistor	22	34		108-0349-00			OB	
510 nH		25	1	.110	.250	1.300	.250 W Resistor	22	34		108-0445-00		.392	CS	
610 nH		25	1	.100	.250	1.300	.250 W Resistor	21	37		108-0575-00		.370	CR	
615 nH		25	1	.104	.250	1.300	.250 W Resistor	22	36		108-0916-00		.430	CR	
675 nH		25	1	.105	.250	1.300	.250 W Resistor	24	35		108-0801-00		.438	CS	
690 nH		25	1	.094	.250	1.300	.250 W Resistor	24	36		108-0512-00			OB	
700 nH		25	1	.160	.375	1.500	.500 W Resistor	18	32		108-0209-00		.530	CR	
740 nH		25	1	.109	.250	1.300	.250 W Resistor	25	36		108-0332-00			OB	
758 nH		25	1	.110	.250	1.300	.250 W Resistor	25	36		108-0331-00	A	.310	CR	
830 nH		25	1	.110	.250	1.300	.250 W Resistor	30	36		108-0430-00			OB	
870 nH		25	1	.090	.250	1.300	.250 W Resistor	30	36		108-0468-00			OB	
881 nH		25	1	.109	.250	1.300	.250 W Resistor	30	36		108-0333-00	A	.300	CR	
1.01 μH	530	7.9	1	.094	.250	1.300	.250 W Resistor	29	38		108-0511-00			OB	
1.03 μH	520	7.9	1	.100	.250	1.300	.250 W Resistor	30	38		108-0367-00		.410	CR	
1.08 μH	1100	7.9	1	.156	.375	1.500	.500 W Resistor	24	33		108-0288-00		.410	CR	
1.08 μH	1100	7.9	1	.160	.380	1.500	.500 W Resistor	24	33	± 5% Tolerance	108-0454-00		.419	CR	
1.1 μH		25	1	.100	.250	1.300	.250 W Resistor	31	38		108-1140-00		.460	CR	
1.1 μH	510	7.9	1	.100	.250	1.300	.250 W Resistor	31	38		108-0543-00	A	.320	CR	
1.1 μH	510	7.9	1	.090	.250	1.300	.250 W Resistor	31	38		108-0419-00		.410	CR	
1.1 μH	510	7.9	1	.102	.250	1.300	.250 W Resistor	31	38		108-0592-00			OB	
1.16 μH	550	7.9	1	.150	.250	1.300	.250 W Resistor	34	37		108-0429-00	A	.418	CS	
1.33 μH	1010	7.9	1	.160	.375	1.500	.500 W Resistor	28	33		108-0183-00	A	.430	CR	
1.4 μH	330	7.9	1	.094	.250	1.300	.250 W Resistor	46	40		108-0519-00		.470	CR	
1.48 μH	410	7.9	1	.101	.250	1.300	.250 W Resistor	37	39		108-0659-00		.418	CS	
1.6 μH	940	7.9	1	.140	.375	1.500	.500 W Resistor	32	33		108-0412-00	A	.450	CR	
1.7 μH			1	.103	.250	1.300	.250 W Resistor	43	39		108-0924-00		.470	CR	
2.2 μH		2.1	1	.148	.375	1.500	.500 W Resistor	57	39		108-1167-00		.520	CR	
2.2 μH	330	7.9	1	.094	.250	1.300	.250 W Resistor	46	40		108-0520-00	A	.168	CR	
2.4 μH	670	7.9	1	.172	.375	1.500	.500 W Resistor	40	35		108-0329-00	A	.410	CR	
2.45 μH			1	.100	.250	1.300	.250 W Resistor	51	40		108-0797-00		.440	CR	
3.2 μH		.13	1	.099	.250	1.300	.250 W Resistor	57	41		108-0604-00		.424	CR	
3.35 μH	560	7.9	1	.156	.375	1.500	.500 W Resistor	46	36		108-0184-00	A	.410	CR	
3.35 μH		7.9	1	.150	.375	1.500	.500 W Resistor	46	36		108-0230-00			OB	
4.25 μH	390	7.9	1	.150	.375	1.500	.500 W Resistor	47	39		108-0428-00	A		OB	
4.25 μH	390	7.9	1	.150	.375	1.500	.500 W Resistor	47	39		108-0070-00		.819	CS	
4.5 μH	420	7.9	1	.150	.375	1.500	.500 W Resistor	53	38		108-0441-00			OB	
4.5 μH	3	.01	1	.150	.380	1.500	.500 W Resistor	53	38	± 10 Tolerance	108-1266-00		.500	CR	
5 μH	170	7.9	1	.096	.250	1.300	.250 W Resistor	70	44		108-0565-00		.470	CR	
5 μH	170	7.9	1	.096	.250	1.300	.250 W Resistor	70	44		108-0583-00			OB	
5.2 μH	440	7.9	1	.156	.375	1.500	.500 W Resistor	60	38		108-0114-00	A	.410	CR	
5.5 μH	350	7.9	1	.150	.375	1.500	.500 W Resistor	58	39		108-0111-00		.440	CR	
5.5 μH		7.9	1	.151	.375	1.500	.500 W Resistor	57	39		108-0806-00		.420	CR	
8.5 μH			1	.150	.375	1.500	.500 W Resistor	71	40		108-0807-00		.505	CS	
9.25 μH	490	.13	1	.240	.562	1.500	1.000 W Resistor	55	36		108-0232-00			OB	
9.7 μH	240	2.5	1	.150	.375	1.500	.500 W Resistor	82	41		108-0368-00		.460	CR	
12 μH	200	2.5	1	.150	.375	1.500	.500 W Resistor	90	42		108-0251-00			OB	
12 μH	200	2.5	1	.156	.375	1.500	.500 W Resistor	90	42		108-0292-00			OB	
15 μH	370	.13	1	.234	.562	1.500	1.000 W Resistor	78	37		108-0089-00			OB	
16 μH		2.5	1	.147	.375	1.500	.500 W Resistor	99	43		108-0762-00		.540	CR	
23.5 μH	140	2.5	1	.140	.375	1.500	.500 W Resistor	125	44		108-0491-00			OB	
27 μH	230	.13	1	.234	.562	1.500	1.000 W Resistor	100	40		108-0293-00			OB	
40 μH		.13	1	.328	.688	1.500	2.000 W Resistor	110	37		108-0116-00			OB	
56 μH		50	1	.120	.250	1.300	.250 W Resistor	5	28		108-0223-00			OB	
70 μH	300	.13	1	.321	.562	1.500	1.000 W Resistor	125	36		108-0027-00			OB	
150 μH	250	.13	1	.350	.562	1.500	1.000 W Resistor	180	36		108-0026-00	A		OB	
180 μH	240	.13	1	.332	.562	1.500	1.000 W Resistor	190	36		108-0028-00			OB	
245 μH		.79	1	.297	.562	1.500	1.000 W Resistor	254	38		108-0174-00	N	1.500	CR	

<sup>a</sup> For questions on preferred suppliers of components not listed, contact Dan Decker or Corporate Procurement (Dick Borts).

<sup>b</sup> For illustrations, see tab marked Coils, Fixed (Tubular) in the back of this catalog.

<sup>c</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.



## COIL, FIXED (cont)<sup>a</sup>

### TUBULAR (ON RESISTOR) (cont)

Actual L	Max RMS (mA)	Test Freq (MHz)	Fig <sup>b</sup>	Body OD	Body L	Lead L	Form Type	Winding		Other	Part Number	Codes <sup>c</sup>		
				A	B	C		Turns (Ref)	AWG			ND	Cost	ST
275	μH	25	1	.109	.250	1.300	.250 W Resistor	15	33		108-0328-00			
300	μH	.001	1	.328	.562	1.500	1.000 W Resistor	280	38		108-0294-00			CR
300	μH	.13	1	.330	.562	1.500	1.000 W Resistor	280	38		108-0156-00			OB
600	μH	.001	1	.356	.560	1.500	1.000 W Resistor	350	38		108-0068-00			OB
1	mH	.001	1	.401	.560	1.500	1.000 W Resistor	495	38		108-0155-00		1.161	OT
1.2	mH	.001	1	.418	.560	1.500	1.000 W Resistor	525	38		108-0164-00			OB
1.5	mH	.001	1	.422	.560	1.500	1.000 W Resistor	600	38		108-0083-00	A		OB
1.59	mH	.001	1	.437	.560	1.500	1.000 W Resistor	600	38		108-0173-00		2.900	CS

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# COIL, FIXED (cont)<sup>a</sup>

## AIRWOUND

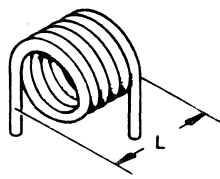


FIGURE 1

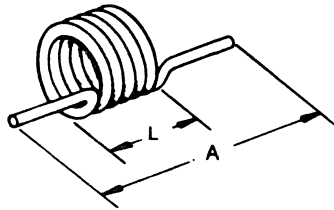


FIGURE 2

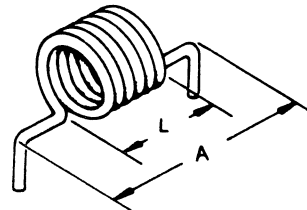
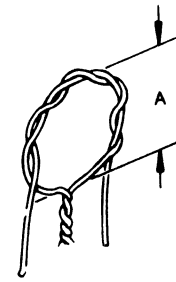


FIGURE 3



T-COIL

FIGURE 4

Notes: A. Many of the coils listed in this section are not shown due to peculiar lead styles. See the engineering drawing for complete data.  
 B. Multiturn coils are close wound, unless specified as space wound.

L (nH) ± 10%	Q	Test Freq (MHz)	Figure	Coil Size		A	Usable Lead Length	Winding Data		Other	Part Number	Codes <sup>b</sup>		
				L	ID			Turns	AWG			ND	Cost	ST
.9		50	Note A 1		.250		.150	1	18	L not Specified	108-0348-00			OB
8			Note A 1	.077	.125		.250	1.5	20	Space Wound	108-1004-00	1.140		CR
10		2	1	.400	.200		.250	.5	22		108-0385-00	.159		CS
14		4	1	.360	.125		.150	2.5	18	Space Wound	108-1059-00	.707		CR
										Space Wound	108-1198-00	.230		CR
14			Note A 2		.170		.060	.5	20		108-0401-00	.160		CR
14	95	50	2	.190	.140	.690	.250	1.25	20	Space Wound	108-0384-00	.206		CR
16		50	1	.110	.080		.250	1.5	22		108-0908-00	.457		CR
19	85	50	3		.140	.200	.125	2	24		108-0578-00	.170		CR
20		2	1	.400	.200		.250	3	22	Space Wound	108-1060-00	.707		CR
23	100	50	1	.120	.140		.250	1.5	20	Space Wound	108-0379-00	.206		CS
23	85	50	1	.350	.125		.200	3	18	Space Wound	108-0869-00	.412		CS
25	100	50	2	.190	.140	.440	.250	1.75	19	Space Wound, 1 End Right Angle	108-0375-00			OB
26	100	50	2	.310	.140	.930	.120/.500	3	20	Space Wound	108-0381-00	.206		CS
26		50	1	.083	.080		.100	3	22		108-0984-00	.457		CR
30		50	1	.500	.187		.100	3	18	Space Wound	108-0989-00	.490		CR
30		50	1	.110	.080		.100	4	22		108-0985-00	.457		CR
30		50	1	.500	.187		.100	3	18	Space Wound	108-0986-00	.412		CR
30	75	50	3		.143	.150	.120	1	24		108-0577-00	.510		CR
30	80	50	2		.120		.120	2	22		108-0456-00			OB
30	100	50	2	.250	.140	.630	.120/.380	2.25	20	Space Wound, 1 End Right Angle	108-0380-00	.206		CS
31	90	50	2	.190	.120	.690	.190	3	23	Space Wound	108-0376-00			OB
32		2	1	.400	.200		.250	3.5	22	Space Wound	108-1072-00	1.110		CR
32	100	50	1	.060	.210		.120	1.5	22	Space Wound	108-0387-00	.205		CS
33	100	50	2	.160	.200	.410	.120/.250	2	20	Space Wound, 1 End Right Angle	108-0388-00	.206		CS
35		50	3		.140	.250	.120	3	24		108-0420-00	.400		CR
35	75	50	3		.140		.250	1	24		108-0557-00	.450		CS
36	100	50	2	.310	.140	.730	.120/.310	4	20	Space Wound	108-0382-00	.207		CS
40		50	2	.250	.210	1.000	.250	2	17	Space Wound	108-0303-00			OB
40	85	50	Note A 1	.120	.120		.080	1.5	20	Space Wound	108-0372-00	.206		CS
40	100	50	Note A 1	.150	.210	.150	.250	1.25	18	Space Wound	108-0322-00			OB
41	115	25	1	.380	.170		.250	3.5	18	Space Wound	108-0374-00	.206		CS
42	100	50	1	.200	.220		.120	1.5	20	Space Wound	108-0572-00			OB
44	120	50	Note A 1	.250	.210	.700	.200	3	18	Space Wound	108-0794-00	.690		CR
44	92	50	1	.500	.125		.200	4.5	18	Space Wound	108-0870-00	.194		CR
45		50	1	.425	.187		.100	4	18	Space Wound	108-0987-00	.412		CR
45	65	50	4			.141	.250	2	31	Tapped (T-Coil)	108-0743-00	.954		OT
45	110	50	2	.310	.200	1.120	.120/.690	3	20	Space Wound	108-0389-00	.207		CS
49		50	Note A 1	.100	.125		.220	4	23		108-0988-00	.420		CR
50		50	Note A 1	.110	.125		.200	4	22		108-0947-00	.458		CR

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# COIL, FIXED (cont)<sup>a</sup>

## AIRWOUND (cont)

L (nH) ± 10%	Q	Test Freq (MHz)	Figure	Coil Size		A	Usable Lead Length	Winding Data		Other	Part Number	Codes <sup>b</sup>		
				L	ID			Turns	AWG			ND	Cost	ST
52		50	1	.090	.140		.250	3.5	23		108-0997-00		.530	CR
55	60	50	4		.190		.100	2	31	Tapped (T-Coil)	108-0569-00		.413	CS
56	130	50	2	.310		1.120	.120/.690	4	20	Space Wound	108-0390-00		.207	CS
58	145	50	1	.200	.250		.120	2.5	18	Space Wound	108-0346-00			OB
60		50	3	.120	.140	1.380	.250/1.000	3	24		108-0307-00			OB
60	75	50	1	.250	.063		.200	9.5	27	Space Wound	108-0871-00		.456	CS
60		50	3		.140	.330	.120	3	24		108-0421-00	A	.935	CR
62	120	50	1	.200	.220		.120	2.5	20	Space Wound	108-0571-00			OB
68	103	50	4			.375	.250	2	27	Tapped (T-Coil)	120-1094-00		9.202	CS
75	75	50	4		.250		.100	2	31	Tapped (T-Coil)	108-0570-00		.960	CR
76		50	1	.125	.125		.250	5	23		108-0983-00		.457	CR
80	95	50	3		.140	.300	.250	4	26		108-0552-00		.190	CR
85		10	2	.250	.147	1.550	.150	8	26		108-1365-00		.820	CR
85		25	2	.130	.140	1.000	.190	5	24		108-0306-00		.275	CS
85		25	2	.160	.140		.720	5	24		108-0508-00			OB
85	90	50	Note A		.100		.150	5.75	24		108-0608-00			OB
89	140	50	Note A		.380		.500	2	23	Tapped (T-Coil)	108-0616-00			OB
90		25	Note A		.140	.250	.120	5	24	Tapped	108-0475-00			OB
90		25	3		.140	.500	.190	5	24		108-0433-00		.200	CR
90	70	25	3		.140	.300	.130	5	24	Tapped	108-0619-00			OB
90	70	25	3		.140	.200	.130	5	24		108-0620-00	A	.364	CR
90	90	50	1	.080	.120		.190	4.5	28		108-0581-00		.342	CR
90		25	2	.280	.200	.280	.250	4.75	18	Both Ends Right Angle	108-0302-00			OB
94	70	25	1	.120	.120		.380	5.5	25		108-0369-00	A	.274	CR
95.5			4			.469	.125	7	29		108-0579-00		.480	CR
98		10	2	.550	.360	1.050	.500	5.5	16		108-1364-00		.580	CR
100	130	25	1	.400	.250		.120	4.5	18	Space Wound	108-0347-00		.500	CR
110	75	25	1	.140	.120		.500	6.75	25	± 15% Tolerance	108-0370-00	A	.018	CR
120	28	25	1	.045	.040		.050	11.5	40		108-0838-00		1.890	CR
128	80	25	3		.130	.300	.200	8	25		108-0707-00	A	.180	CR
140	85	25	1	.180	.120		.400	7.5	25		108-0706-00		.319	CR
142		25	3		.140	.500	.190	9	22		108-0435-00		.892	CR
160		10	4		.310	.310	.200	4	28	Tapped (T-Coil)	108-1160-00		.620	CR
180		25	2	.440	.220	.810	.250	9	18	Space Wound, 1 End Right Angle	108-0300-00			OB
180	55	25	1	.500	.060		.200	25	28		108-0623-00		.365	CS
200	85	25	1	.220	.120		.380	10.5	25		108-0371-00	A	.200	CR
			Note A	.350		.850	.250	7	20	Space Wound	108-0956-00		.410	CR

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COILS, CORES AND TRANSFORMERS

COIL, FIXED (cont)<sup>a</sup>

POT CORE INDUCTORS

L	I <sub>Max</sub> (A)	Resistance (Ω)	Wire Size AWG	Dimensions			Part Number	Codes <sup>b</sup>		
				Height	Width	Length		ND	Cost	ST
2.21 ± .1 μH	35	.002	30/46	.500	.480	.480	108-0890-00		5.506	CS
10.2 ± .5 μH			30/46	.500	.480	.480	108-0833-00		4.646	CR
13. ± .8 μH			30/46	.500	.480	.480	108-0877-00		6.301	CS
15. μH Min			Foil	.880	1.425 OD		108-0941-00		16.035	CS
20.5 ± .9 μH			37/46	.500	.480	.480	108-0879-00		5.815	CR
20.7 ± 10%	36	5 M	7/24	1.100	1.850 OD		108-1054-00	13.084	CS	
27.5 ± 1%	50		32	.475	.385	.385	108-1188-00	4.480	CR	
70. ± 6 μH	6	30	19/35	.710	1.035 OD		108-1075-00	6.890	CR	
88. ± 5 μH		.4	30/46	.500	.480	.480	108-0832-00	6.890	CR	
96.6 ± .4 μH			8/44	.500	.480	.480	108-0880-00	5.827	CS	
97. ± 10 μH	3.2	.038	20	.530	.850	1.260	108-1116-00	4.684	CR	
112. ± 10% μH	7	26 M	19/31	.940	1.520 OD		108-1076-00	10.670	CR	
120. ± 10% μH	3.9	37	23/37	.880	1.425 OD		108-1002-00	7.192	CR	
121. μH	.4	.085	27	.500	.480	.480	108-0842-00	3.516	CS	
164. ± 7 μH			8/44	.500	.480	.480	108-0878-00	5.802	CS	
174. ± 8 μH		45.7	19	.700	1.035 OD		108-0857-00	4.362	CS	
180. ± 5 μH		.05	19	.805	1.035	1.400	108-0901-00	4.847	CS	
490. μH	.2	.2	28	.500	.575	.875	108-0937-00	3.924	CS	
(2) 500. μH	.2/.8	.79/.23	32/26	.605	.720	1.125	108-0840-00	4.262	CS	
580. ± 3%	4	.2	19/37	.940	1.520 OD		108-1052-00	9.870	CR	
605. ± 30 μH		.05	19	.855	1.402 OD		108-0860-00		CS	
647. ± 10%	4.3	.117	19/35	1.166	1.670 OD		108-1141-00	11.317	CS	
729. ± 36 μH	.2	.2	34	.500	.480	.480	108-0839-00	3.344	CS	
800. ± 26 μH	4	.12	19/31	1.100	1.850 OD		108-1071-00	9.619	CR	
1. ± .05 mH	.75	.4	26	.580	.735	1.075	108-0749-00	6.870	CS	
1. ± .05 mH		.35	19/35	.880	1.425 OD		108-0678-00	6.474	CR	
1 ± .075 mH	4.	.24	19/35				108-0761-00	7.148	CR	
1. ± .1 mH	4.5	.26	19/33	1.166	1.670 OD		108-1051-00	8.620	CR	
1. ± .1 mH	1.	.35	25	.620	.880 OD		108-1053-00	4.380	CR	
1.5 ± .05 mH		.63	19/37	.880	1.425 OD		108-0748-00	6.728	CS	
1.5 ± .08 mH		.95	32	.500	.480	.480	108-0903-00	8.800	CR	
1.6 ± .05 mH	1.5	.6	19/37	.840	1.260 OD		108-0709-00	5.857	CS	
1.7 ± .10 mH	2	.244	21	.950	1.410	1.562	108-1290-00	9.270	CR	
2.3 ± .05 mH	2.8	.33	19	1.536	1.931 OD		108-0920-00	10.670	CR	
5.1 ± .1 mH	.5	.41	24	.850	1.035	1.400	108-1021-00	5.759	CS	
5.24 ± 5%		22.5	39	.500	.480	.480	108-0971-00	4.174	CR	
5.3 ± 10%	.001	.4	36	.327	.390	.390	108-1253-00	12.270	CR	
6.5 mH	.125	3	33	.430	.570	.935	108-1117-00	3.395	CR	
6.68 ± .3 mH		5.1	36	.500	.480	.480	108-0894-00	3.696	CR	
6.7 ± 10 mH	.06	.71	38	.327	.390	.390	108-1254-00	10.270	CR	
7.06 ± 10% mH	.4	3.2	30	.585	.858	1.260	108-1247-00	4.907	CR	
10. ± .5 mH		6.27	36	.500	.480	.480	108-0888-00		OB	
50. mH	.3	15.2	31	.810	1.215	1.690	108-0940-00	6.583	CS	
52. ± 2 mH	10	.013	14	.990	1.520 OD		108-1067-00		CS	
300. ± 5%	.04	56	37	.605	.720	1.125	108-0900-00	4.870	CR	

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# COIL, VARIABLE<sup>a</sup>

L Nom	Min	Max	Fig <sup>b</sup>	OD (A)	L (B)	Lead L (C)	No. Turns (Ref)	Size AWG	Part Number	Codes <sup>c</sup>		
										ND	Cost	ST
60. nH	40. nH	80. nH	3	.400	.625	.190	1.75	30	114-0339-00		1.366	CS
80. nH	60. nH	100 nH	3	.400	.625	.190	11.5 (2)	32	120-1144-00			
94. nH	84. nH	104 nH	3	.400	.620	.190	1.75	30	114-0228-00		2.226	CS
124. nH	98. nH	150. nH	3	.300	.400	.190	3.5	31	114-0294-00		1.440	CR
130. nH	110. nH	150. nH	3	.400	.625	.190	2.5	32	114-0274-00			OB
177. nH	130. nH	225. nH	3	.300	.400	.190	5.5	27	114-0405-00		1.158	CR
198. nH	115. nH	280. nH	2	.300	.680	.190	3.5	28	114-0404-00		2.996	CR
200. nH	150. nH	250. nH	3	.400	.625	.190	3.75	31	114-0170-00			OB
210. nH	325. nH	535. nH	3	.400	.625	.190	3.375 x 6.75	31	114-0414-00		1.642	CR
215. nH	140. nH	290. nH	3	.400	.625	.190	3.25	32	114-0302-00		2.860	CR
250. nH	150. nH	350. nH	3	.400	.625	.190	3.75	31	114-0289-00		1.366	CR
305. nH	220. nH	380. nH	2	.300	.680	.190	.5	25	114-0188-00			OB
310. nH	220. nH	400. nH	3	.400	.625	.190	5.5	31	114-0352-00		9.335	CR
310. nH	220. nH	400. nH	3	.400	.625	.190	8.5	31	114-0370-00		2.960	CR
315. nH	250. nH	380. nH	3	.400	.625	.190	7.5 (2)	26	120-1143-00		2.557	CR
330. nH	220. nH	440. nH	3	.300	.400	.100	7.5	27	114-0307-00		1.442	CR
415. nH	290. nH	540. nH	3	.400	.625	.190	9.75	32	114-0373-00		1.495	CR
450. nH	325. nH	575. nH	3	.400	.625	.190	6.5	31	114-0333-00		2.700	CR
600. nH	400. nH	800. nH	3	.400	.625	.190	7.5	31	114-0266-00		1.336	CR
650. nH	450. nH	850. nH	2	.300	.490	.190	9.5	26	114-0283-00		5.330	CR
659. nH	450. nH	850. nH	2	.300	.490	.190	9.5	26	114-0288-00		3.550	CR
700. nH	500. nH	900. nH	2	.300	.680	.190	8.5	31	114-0193-00			OB
800. nH	600. nH	1000. nH	3	.400	.625	.190	9.5	31	114-0353-00		1.407	CR
900. nH	700. nH	1.1 μH	3	.400	.625	.190	10.5	31	114-0246-00		2.390	CR
975. nH	650. nH	1.3 μH	6	.550 Sq	.685	.230			114-0337-00		8.930	CS
1.12 μH	.75 μH	1.5 μH	6	.550 Sq	.630	.230			114-0297-00		8.700	LS
1.42 μH	.95 μH	1.9 μH	3	.400	.625	.190	13.5	31	114-0384-00	X		DL
1.44 μH	.94 μH	1.94 μH	6	.550 Sq	.630	.230			114-0296-00	N	26.600	LS
1.77 μH	1.59 μH	1.95 μH	1	.500	.615	.130	20.5 CT	30	120-1587-00		1.410	CR
1.8 μH	1.2 μH	2.4 μH	3	.400	.500	.190	11.5	31	114-0275-00		1.030	CR
1.8 μH	.8 μH	2.8 μH	2	.300	.490	.190	13.	31	114-0287-00		5.980	CR
2. μH	1. μH	3. μH	3	.400	.625	.190	13.5	31	114-0220-00		1.459	CR
2.1 μH	1.5 μH	2.7 μH	3	.400	.625	.190	24.5	37	114-0372-00		2.710	CR
2.3 μH	1.4 μH	3.2 μH	2	.300	.680	.190	18.5	31	114-0304-00			OB
2.35 μH	1.7 μH	3. μH	3	.400	.625	.190	26.5	37	114-0376-00		1.517	CR
3.3 μH	2.2 μH	4.4 μH	3	.400	.625	.190	21.75	34	114-0229-00		2.470	CR
3.48 μH	3.41 μH	3.55 μH	9	.484 Sq	.374	.137		37/46	120-1590-00		6.123	CR
4. μH	2. μH	6. μH	3	.400	.625	.190	19.5	34	114-0222-00	A	1.860	CR
4.7 μH	2.9 μH	6.5 μH	3	.400	.625	.190	26.5	35	114-0308-00	A	2.270	CR
4.85 μH	2.1 μH	7.6 μH	2	.300	.680	.190	23.	33	114-0286-00		2.400	CR
5.2 μH	2.8 μH	7.7 μH	3	.400	.625	.190	25.5	8/44	114-0325-00		2.840	CR
5.78 μH	5.66 μH	5.89 μH	9	.484 Sq	.374	.137		37/46	120-1591-00		15.146	CR
6. μH	2.6 μH	8.6 μH	10	.770	1.032	.250	14.	38	108-1232-00		3.910	CR
8 μH	4.8 μH	42. μH	7	.600	1.750	.250			108-1201-00		.980	CR
8. μH	3.5 μH	21.4 μH	7	.600	1.720	.250	22.75	15/30	108-1259-00		1.500	CR
8.5 μH	6. μH	11. μH	3	.400	.625	.190	36.5	37	114-0257-00	A	1.523	CR
9. μH	6. μH	12. μH	6	.552	.685	.230			114-0235-00		9.215	CR
9.5 μH	8.5 μH	10.5 μH	1	.550	.835	.125	30.5	10/41	114-0319-00		2.410	CR
10.5 μH	6. μH	15. μH	1	.550	.835	.125	29.25	30	114-0239-00		2.430	CR
10.65 μH	4.6 μH	16.7 μH	3	.400	.625	.190	32.5	37	114-0278-00		2.130	CR
11.5 μH	3. μH	20. μH	7	.600	1.450	.250			114-0385-01	A	.837	CR
12. μH	8.5 μH	15.5 μH	3	.300	.400	.190	54.	40	114-0233-00		1.721	CR
12.5 μH	7.5 μH	66. μH		.590	.807	.433			108-1265-00			DL
12.6 μH	10.7 μH	14.5 μH	1	.500	.835	.125	33.5	6/42	114-0318-00		2.420	CR
15. μH	10. μH	20. μH	6	.550	.685	.230			114-0234-00		9.215	CR
15.25 μH	6.5 μH	23. μH	3	.400	.625	.190	35.5	41	114-0303-00		1.435	CR
16. μH	12. μH	20. μH	2	.300	.680	.190	58.	37	114-0332-00	A	2.932	CR
18. μH	16. μH	20. μH	3	.300	.400	.190	62.5	42	114-0357-00		2.287	CR
23.5 μH	14. μH	35. μH	1	.550	.835	.125	47.25	34	114-0240-00		.982	CR
26. μH	23. μH	29. μH	1	.550	.835	.125	50.5	35	114-0320-00		2.410	CR
27. μH	12. μH	43. μH	3	.400	.625	.190	52.5	41	114-0280-00	A	2.300	CR
31. μH	8. μH	55. μH	7	.600	1.575	.250			114-0375-00		1.776	OT
39.75 μH	4.5 μH	75. μH	3	.400	.500	.190	22.	33	114-0217-00		2.180	CR
43.5 μH	23. μH	64. μH	1	.550	.835	.125	60.25	36	114-0241-00		1.170	CR

<sup>a</sup> For questions on preferred suppliers of components not listed, contact Dan Decker or Corporate Procurement (Dick Borts).

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COIL, VARIABLE (cont)<sup>a</sup>

L Nom	Min	Max	Fig <sup>b</sup>	OD (A)	L (B)	Lead L (C)	No. Turns (Ref)	Size AWG	Part Number	Codes <sup>c</sup>		
										ND	Cost	ST
44. μH	28. μH	60. μH	6	.550 Sq	.685	.230			114-0209-00		8.500	CR
45. μH	30. μH	60. μH	3	.400	.625	.190	82.5	42	114-0254-00	A	1.520	CR
51. μH	22. μH	80. μH	3	.400	.625	.190	71.5	44	114-0310-00	A	1.553	CR
52.5 μH	35. μH	70. μH	1	.500	.835	.125	72.5	42	114-0281-00	A	1.192	CS
54.5 μH	29. μH	80. μH	1	.500	.835	.125	68.25	37	114-0242-00		2.430	CR
57.5 μH	30. μH	85. μH	1	.500	.835	.125	64.5	39	114-0247-00			OB
60. μH	50. μH	70. μH	4	.375	1.562	.375	90	36	114-0106-00			OB
62. μH	15. μH	110. μH	7	.550	1.450	.250	55.75	20	108-1165-00		1.740	CR
75. μH	30. μH	120. μH	7	.600	1.575	.250			114-0374-00		.861	CR
79. μH	40. μH	118. μH	1	.500	.835	.125	79.25	39	114-0243-00		2.510	CR
87.5 μH	45. μH	130. μH	3	.400	.625	.190	93.	8/44	114-0219-00		2.470	CR
90. μH	60. μH	120. μH	6	.550 Sq	.685	.230	42	42	114-0200-00	N	7.300	CR
95. μH	70. μH	120. μH	3	.400	.625	.190	120.	36	114-0218-00		2.040	CR
96.5 μH	50. μH	143. μH	1	.500	.835	.125	90.25	40	114-0244-00		.958	CR
97.5 μH	65. μH	130. μH	2	.300	.680	.190	116.	36	114-0258-00		4.370	CR
122. μH	95. μH	150. μH	2	.300	.680	.190	135.	36	114-0208-00			OB
127.5 μH	65. μH	190. μH	3	.400	.625	.190	119.5	36	114-0311-00	A	2.130	CR
131. μH	80. μH	182. μH	1	.500	.835	.125	110.25	40	114-0245-00		1.172	CR
135. μH	40. μH	230. μH	7	.600	1.575	.250			114-0355-00		1.620	CS
152.5 μH	120. μH	185. μH	2	.300	.680	.190	150.	36	114-0237-00		4.600	CR
195. μH	150. μH	240. μH	3	.400	.625	.190	170.5	36	114-0259-00		1.880	CR
250. μH	200. μH	300. μH	3	.400	.625	.190	190.5	36	114-0324-00		1.900	CR
300. μH	200. μH	400. μH	3	.400	.625	.190	190.5	36	114-0343-00	A	2.130	CR
385. μH	300. μH	470. μH	3	.400	.625	.190	235.	36	114-0238-00	A	2.210	CR
465. μH	280. μH	650. μH	6	.550 Sq	.685	.230			114-0177-00	N	2.920	CS
550. μH	350. μH	750. μH	3	.400	.625	.190	235.	36	114-0340-00		1.950	CR
650. μH	500. μH	800. μH	3	.400	.625	.190	300.	36	114-0248-00		1.940	CR
1. mH	.75 mH	1.4 mH	4	.625	1.760		270.	26	114-0412-00		4.981	CR
2.15 mH	1.3 mH	3. mH	6	.550 Sq	.685	.230			114-0178-00	N	3.710	CS
6.5 mH	3. mH	10. mH	6	.550 Sq	.685	.230			114-0334-00		2.500	CS
24. mH	12. mH	35. mH	5	.938	1.815		1220.5	30	114-0386-00		4.790	CS
27.5 mH	15. mH	40. mH	6	.550 Sq	.685	.230			114-0176-00	N	13.110	CR
	10. μH	40. μH	8	.562	1.500	.250			114-0421-00		2.210	CR

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# COIL, VARIABLE (cont)<sup>a</sup>

## POT CORE INDUCTORS

L	Wire Size AWG	Dimensions			Part Number	Codes <sup>b</sup>		
		Height	Width	Length		Cost	ST	
.74 to .86	μH	30/46	.500	.480	.480	114-0361-00	6.222	CS
.77 to .92	μH	60/46	.365	.480	.480	114-0415-00	5.810	CR
.82 to .90	μH	30/46	.500	.480	.480	114-0362-00	6.222	CS
.85 to .93	μH	30/46	.500	.480	.480	120-1178-00	5.696	CS
.85 to .95	μH	37/46	.360	.480	.480	114-0410-00	4.814	CR
.90 to 1.0	μH	37/46 (X2)	.360	.480	.480	114-0411-00	6.470	CR
1.02 to 1.14	μH	30/46	.500	.480	.480	120-1138-00	6.549	CS
1.08 to 1.18	μH	30/46	.500	.480	.480	114-0349-00	7.680	CR
1.10 to 1.20	μH	24	.500	.480	.480	114-0406-00	6.520	CR
1.10 to 1.20	μH	28	.374	.484	.484	114-0419-00	5.580	CR
1.15 to 1.25	μH	30/46	.500	.480	.480	114-0350-00	5.773	CS
1.31 to 1.41	μH	25	.525	.555	.875	114-0326-00	9.890	CR
1.32 to 1.51	μH	30/46	.500	.480	.480	114-0363-00	6.177	CS
1.39 to 1.51	μH	25	.525	.555	.875	114-0328-00	9.890	CR
1.39 to 1.53	μH	30/46	.500	.480	.480	120-1179-00	5.741	LS
1.42 to 1.68	μH	30/46	.500	.480	.480	114-0364-00	7.970	CR
1.46 to 1.60	μH	25	.525	.555	.875	114-0316-00	7.950	CR
1.50 to 1.75	μH	24	.500	.480	.480	114-0346-00	4.684	CR
1.52 to 1.76	μH	25	.500	.480	.480	114-0348-00	5.869	CR
1.58 to 1.70	μH	30/46	.500	.480	.480	114-0368-00	6.177	CS
1.64 to 1.80	μH	25	.525	.555	.875	114-0317-00	7.950	CR
1.64 to 1.90	μH	30/46	.500	.480	.480	114-0365-00	6.276	CS
1.73 to 1.91	μH	25	.525	.555	.875	114-0313-00	9.190	CR
1.80 to 1.90	μH	60/46	.415	.570	.730	114-0403-00	4.741	OT
1.80 to 2.13	μH	26	.500	.480	.480	114-0344-00	9.800	CR
1.94 to 2.14	μH	25	.525	.555	.875	114-0314-00	8.370	CR
2.00 to 2.08	μH	30/46	.500	.480	.480	114-0351-00	6.989	CR
2.19 to 2.53	μH	30/46	.500	.480	.480	114-0369-00	5.400	CR
2.30 to 2.50	μH	26	.405	.734	.545	114-0388-00	4.787	CR
2.23 to 4.403	μH	37/46	.374	.484	.484	114-0417-00	5.329	CR
2.30 to 2.80	μH	30/46	.500	.480	.480	114-0366-00	4.845	CR
2.34 to 2.46	μH	25	.525	.555	.875	114-0327-00	9.890	CR
2.50 to 2.70	μH	26	.405	.745	.545	114-0393-00	4.464	CR
2.52 to 2.79	μH	30/46	.500	.480	.480	120-1180-00	6.970	CR
2.60 to 2.80	μH	60/46	.415	.570	.730	114-0402-00	4.741	OT
2.67 to 3.20	μH	27	.500	.480	.480	114-0347-00	4.819	CR
2.70 to 3.30	μH	30/46	.500	.480	.480	114-0367-00	5.962	CR
2.73 to 3.00	μH	25	.525	.555	.875	114-0315-00	8.980	CR
2.90 to 3.20	μH	60/45	.415	.570	.730	114-0401-00	4.983	OT
3.15 to 3.60	μH	35	.500	.480	.480	120-1136-00	6.248	CR
3.18 to 3.69	μH	35	.500	.480	.480	120-1137-00	6.059	CR
3.20 to 3.60	μH	37/46	.415	.570	.730	114-0394-00	4.652	OT
3.25 to 3.59	μH	25	.525	.555	.875	114-0312-00	9.140	CS
3.60 to 3.90	μH	37/46	.415	.570	.730	114-0400-00	4.852	OT
3.60 to 3.90	μH	30/46	.500	.480	.480	120-1139-00	6.549	CS
4.00 to 4.40	μH	37/46	.415	.570	.730	114-0395-00	4.652	OT
4.13 to 4.83	μH	29	.500	.480	.480	114-0345-00	5.270	CR
4.14 to 4.57	μH	30/46	.500	.480	.480	120-1181-00	6.468	LS
4.40 to 4.80	μH	30/46	.415	.570	.730	114-0399-00	4.785	OT
4.70 to 5.00	μH	30	.405	.745	.545	114-0391-00	4.734	CR
5.70 to 5.90	μH	32	.405	.745	.545	114-0392-00	4.652	CR
7.00 to 9.00	μH	38	.475	.385	.385	114-0354-00	8.510	CR
7.48 to 7.78	μH	37/46	.374	.484	.484	114-0418-00	6.870	CR
7.80 to 8.60	μH	19/46	.415	.570	.730	114-0396-00	4.597	OT
13.20 to 15.	μH	32	.405	.745	.545	114-0389-00	5.698	CR
14.80 to 17.	μH	30	.475	.385	.385	114-0356-00	4.978	CR
16.00 to 17.2	μH	19/46	.415	.570	.730	114-0397-00	4.785	OT
24.00 to 36.	μH	32	.475	.385	.385	114-0358-00	8.510	CR
33.00 to 38.	μH	32	.475	.385	.385	114-0359-00	5.247	CR
36.00 to 40.	μH	37	.405	.745	.545	114-0390-00	4.467	CR

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**COIL, VARIABLE (cont)<sup>a</sup>**

**POT CORE INDUCTORS (cont)**

L	Wire Size AWG	Dimensions			Part Number	Codes <sup>b</sup>	
		Height	Width	Length		Cost	ST
39.80 to 44.3    μH	38	.415	.570	.730	114-0398-00	4.789	OT
45.00 to 51.    μH	32	.475	.385	.385	114-0360-00	3.850	CR
.95 to 1.05    mH	8/44	.500	.575	.875	114-0342-00	4.180	CR
1.38 to 1.45   mH	8/44	.360	.480	.480	114-0409-00	5.554	CR
1.90 to 2.40   mH	26/36	.714	.851	1.260	120-1221-00	7.850	CR
2.41 to 2.51   mH	37/46	.374	.484	.484	114-0070-00	7.870	CR
6.72 to 6.83   mH	36	.500	.450	.500	114-0341-00	4.817	CR

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# COILS, VARIABLE (TAPPED)<sup>a</sup>

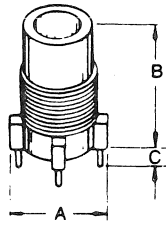


FIGURE 1

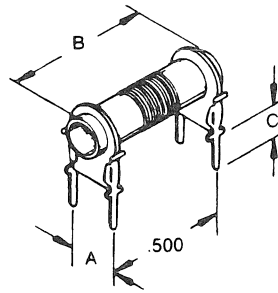


FIGURE 2

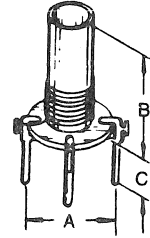


FIGURE 3

L Nom ( $\mu$ H)	L & Q Range		Figure	OD (A)	L (B)	Lead Length (C)	Number of Turns (Ref)	Tapped at	Size AWG	Part Number	Codes <sup>b</sup>		
	Min ( $\mu$ H)	Max ( $\mu$ H)									ND	Cost	ST
355. nH	270. nH	400. nH	3	.400	.625	.190	8.5	4.25	29	120-1146-00		3.310	CR
900. nH	700. nH	1.1	2	.300	.680	.190	10.5	5.	31	114-0276-00			OB
900. nH	700. nH	1.1	2	.300	.680	.190	10.5	5.	31	114-0277-00			OB
900. nH	700. nH	1.1	2	.300	.680	.190	10.	5.	31	114-0159-00			OB
1.28	.95	1.6	3	.400	.625	.190	6.25 Bifilar (each)		31	114-0329-00		1.980	CR
1.4	.8	2.	3	.400	.625	.190	9.5	5.75	38	114-0330-00		2.444	CS
3.	2.	4.	2	.200	.520	.200	27	11.5	34	114-0273-00			OB
3.7	2.5	5.	3	.400	.625	.190	36.25	2.75 & 15.5	37/46	120-0935-00		3.480	CR
3.75	2.9	4.8	1	.520	.645	.100	22.5	11.25	28	114-0407-00		1.957	CS
7.5	5.	10.	3	.400	.625	.190	16.25	2.5 & 10.75	37/46	120-0936-00		2.758	CR
7.7	5.5	10.	1	.520	.615	.130	32.5	18.25	36	114-0387-00		.869	CS
15.	10.	20.	2	.300	.680	.190	58.5	35.	37	114-0180-00		6.940	CR
15.	10.	20.	2	.300	.680	.190	58.5	35.	37	114-0181-00			OB
16.	7.6	25.	3	.400	.625	.190	40.5	20.25	39	114-0336-00		1.850	CS
16.	10.	22.	2	.300	.680	.190	54.5	35.	38	114-0284-00			OB
16.	10.	22.	2	.300	.680	.190	54.5	35.	38	114-0285-00			OB
17.5	10.	25.	3	.400	.625	.190	9.5	1. & 5.	28	120-0937-00		2.966	CR
26.	14.	38.	3	.400	.625	.190	58.5	34.75	38	120-1114-00		1.836	CS
37.5	25.	50.	3	.400	.625	.190	6.25	.75 & 4.5	24	120-0938-00		3.361	CR
75.	50.	100.	3	.300	.400	.190	4.25	.75	22	120-0939-00		2.748	CR
230.	170.	290.	3	.400	.625	.190	4.25	2.5	31	114-0292-00			OB
375.	280.	470.	3	.400	.625	.190	230.25	115.5	36	114-0253-00			OB

<sup>a</sup> For questions on preferred suppliers of components not listed, contact Dan Decker or Corporate Procurement (Dick Borts).

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

# COILS FIXED (cont)<sup>a</sup>

## TUBE DEFLECTION

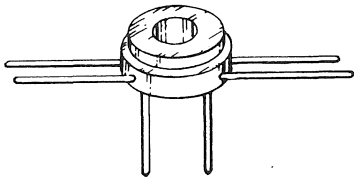
ID	Length	Typical DC Current or Inductance	Resistance (Ω)	Number of Turns	Other	Part Number	Codes <sup>b</sup>		
							Cost	ND	ST
.810	2.500	5.5mH	2.5 ± 20%		Horizontal Yoke	108-1031-00		N	OB
1.080 (Support)		.5 mH	1.02 ± 20%	750	Vertical Yoke	108-0763-00	36.080		CR
1.093	.812	32. mA	71.	1485 (2)	X-Y Alignment	108-0448-00		N	OB
1.094 - 1.168	3.250	150. μH	.30		Horizontal Yoke	108-1020-00	15.740		CS
1.168	3.250	24.5 mH	.80		Vertical Yoke	108-1020-01	26.078		CS
		150. μH	.30 ± 10%		w/Connector				
		24.5 mH	8.80 ± 10%						
1.170	4.925			6600 (#1)	Focus	108-0764-00	122.570		CR
1.180	2.530	.2 mH	.5 ± 20%	212 (#2)	Horizontal Yoke	108-1023-00	39.350		CS
		1.2 mH	3.1 ± 30%		Vertical Yoke				
1.180	2.530	1.85 mH	3.5 ± 20%		Horizontal Yoke	108-0769-00	48.500	A	CS
		1.2 mH	3. ± 20%		Vertical Yoke				
1.360	2.312	1.85 mH	3.5 ± 20%		Horizontal Yoke	108-0672-00	45.500		CS
		1.2 mH	3. ± 20%		Vertical Yoke				
1.438	4.000	3.30 μH	1.1 ± 20%		Horizontal Yoke	119-1669-00	90.200		LS
		415 μH	.96 ± 20%		Vertical Yoke				
1.438	4.250	.495 μH	.67 ± 20%		Horizontal Yoke	108-0944-00	15.500	X	CR
		30.7 mH	27.5 ± 20%		Vertical Yoke				
1.440	3.110	436. ± 10% μH	1. ± 20%		Horizontal Yoke	108-0786-00	151.450		CS
		316. ± 10% μH	.83 ± 20%		Vertical Yoke				
1.500	3.680	.14 mH	.23 ± 20%		Horizontal Yoke	108-0952-00	66.200		OT
		4.7 mH	6.5 ± 20%		Vertical Yoke				
1.500	3.680	.565 mH	.65 ± 20%		Horizontal Yoke	108-0946-00		X	OB
		25. mH	35. ± 20%		Vertical Yoke				
1.500	3.680	.565 mH	66. ± 20%		Horizontal Yoke	108-0946-01	93.250		CR
		25. mH	43. ± 20%		Vertical Yoke				
1.505	2.860	1.3 mH	3. ± 20%		Horizontal Yoke	108-0915-01	75.900		LS
		.8 mH	2. ± 20%		Vertical Yoke				
1.505	2.860	.215 mH	.63 ± 20		Horizontal Yoke	108-0882-00	96.350		CS
		.23 mH	.65 ± 20		Vertical Yoke				
2.030	1.100	50. mA	125	700	Trace Rotation	108-1121-00	1.880	A	CR
2.312	1.250	25. mA	1400	3000	Y Axis Alignment	108-0295-00	2.730		OT
2.312	1.250	5.9 mA	4080 ± 612	5700	X-Y Alignment	108-0804-00	3.490		CR
2.312	1.250	11. mA	1400 ± 15	3000	Y Axis Alignment	108-0710-00	2.373		CS
2.312	1.250	11. mA	1400 ± 200	3000	Y Axis Alignment	108-0605-00	2.800		CR
2.312	1.250	11. mA	1400	3000	Y Axis Alignment	108-0546-00	3.320		CS
2.312	1.250	14.5 mA	55 ± 80	2000	Y Axis Alignment	108-0714-00	2.870		CR
2.312	1.250	11. mA	1400	3000	Y Axis Alignment	108-0732-00	3.350		CS
2.314	2.570	9.1 mA	500 ± 75	3500	X-Y Alignment	108-0819-00	9.640		CS
2.410	.600	15.4 mA	1140 ± 170	2000	Trace Rotation	108-0829-00	5.180		CR
2.873	3.210	15.7 mA	955 ± 15	2700	Trace Rotation	108-0647-00	5.800		CR
2.875	1.312	25. mA	1400	2700	Trace Rotation	108-0321-00	10.480		CS
2.940	1.250	4.37 mA	3100 ± 500	3600	X-Y Alignment	108-0810-00	5.600		CR
2.946	1.195	16. mA	975	2700	Trace Rotation	108-0711-00	2.026		CS
2.946	1.195	16. mA	975	2700	Trace Rotation	108-0544-00	2.620		CR
2.946	1.195	29.2 mA	454	2000	Trace Rotation	108-0918-00	4.500		OT
2.990	1.470	10. mA	450 ± 68	2000	Trace Rotation	108-0818-00	12.140		CS
3.370	3.812	10.4 mA	1440 ± 200	2200	Trace Rotation	108-0721-00	5.600		CR
3.370	3.812	17. mA	880 ± 130	1700	Trace Rotation	108-0730-00	10.070		CS
3.410	.620	9.4 mA	845 ± 128	1700	Trace Rotation	108-0779-00	2.530		CR
3.410	.620	10.8 mA	1400 ± 200	2200	Trace Rotation	108-0792-00	2.850		CR
3.410	.620	17. mA	1400 ± 200	2200	Trace Rotation	108-0805-00	2.670		CR
3.410	.620	22.5 mA	665 ± 100	1300	Trace Rotation	108-0657-00	3.060		CS
3.410	.620	26.8 mA	660 ± 100	1400	Trace Rotation	108-0784-00	3.020		CR
3.410	.620	57. mA	140 ± 20	700	Trace Rotation	108-0713-00	2.700		CS
3.440		43.7 mA	355 ± 50Ω	1200	Trace Rotation	119-1478-01	3.880		CR
3.650 x 3.200	1.120	16.3 mA	450 ± 45	1500	Trace Rotation	108-0824-00	21.030		CS
3.71 - 1.505	2.860	.423 mH	1.20 ± 20%		Horizontal Yoke	108-0856-00	52.050		CS
		.439 mH	1.18 ± 20%		Vertical Yoke				
4.694 x 4.280	1.245		2090	3000	Trace Rotation	108-1010-00	5.510		CS
4.694 x 4.280	1.245	30. mA	290 ± 15	3000	Trace Rotation	108-0644-00	3.660		CR
4.694 x 4.280	1.245	21.9 mA	642	1800	Trace Rotation	108-0889-00	4.820		OT
4.820 x 3.950	1.312	40. mA	750	1700	Trace Rotation	108-0495-00	4.347		CS
4.820 x 3.950	1.312	50. mA	535	1400	Beam Rotator	108-0285-00	5.810		CR
5.577 x 4.714	1.410	75. mA	375	1030	Trace Rotation	108-0518-00	3.690		CR

<sup>a</sup> For questions on preferred suppliers of components not listed, contact Dan Decker or Corporate Procurement (Dick Borts).

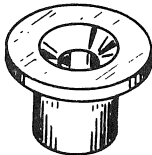
<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

# INDUCTOR AND TRANSFORMER TOROIDS<sup>a</sup>

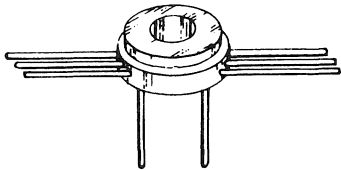
## TOROID MOUNTING HARDWARE



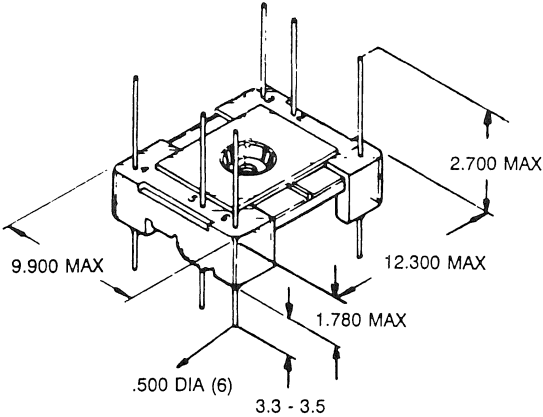
352-0145-00 COST:<sup>b</sup> .163 ST:<sup>b</sup> CR  
HOLDER, TOROID  
.340 OD  
w/4 "L" Shaped Terminals



343-0443-00 COST:<sup>b</sup> .350 ST:<sup>b</sup> CR  
RETAINER TRANSFORMER  
.625 O.D. x .450 High



352-0138-00 COST:<sup>b</sup> .159 ST:<sup>b</sup> CR  
HOLDER, TOROID  
.340 OD  
w/6 "L" Shaped Terminals



352-0466-00 COST:<sup>b</sup> .560 ST:<sup>b</sup> CS  
HOLDER  
(Dimensions in Millimeters)

<sup>a</sup> For questions on preferred suppliers of components not listed, contact Dan Decker or Corporate Procurement (Dick Borts).

<sup>b</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

# POWER INDUCTORS<sup>a</sup>

Inductance	R <sub>dc</sub>	Recommended I <sub>Maxb</sub>	Size	Type	Part Number	Codes <sup>c</sup>		
						ND	Cost	ST
1.2 μH	2.8 mΩ	8. A	.570 OD x .260 High	Toroid	108-1005-00		2.070	CR
3.2 μH	13. mΩ	5.8 A	.243 OD x .625 Long	Choke Form	108-0858-00		.640	CR
4. μH	1.3 mΩ	30. A	.400 OD x 1.250 High	Rod Core, Vertical	108-0974-00	A	1.720	CR
5. μH	5.3 mΩ	7. A	.400 OD x .620 High	Rod Core, Vertical	108-0554-00		.870	CR
5.5 μH	2. mΩ	22. A	.400 OD x 1.250 High	Rod Core, Vertical	108-0950-00		1.830	CR
5.6 μH	3. mΩ	16. A	.350 OD x 1.250 Long	Rod Core, Horizontal	108-1007-00		1.150	CR
7.5 μH	4.6 mΩ	15. A	.515 OD x .950 Long	Choke Form	108-0747-00		1.443	CS
8.3 μH	5.2 mΩ	1.5 A	.405 OD x 1.250 Long	Rod Core, Horizontal	108-0859-00		.740	CR
9 μH	1-2 = 4 mΩ, 3.4 = 6.8 mΩ	15, 25 A	1.510 OD x .940 High	Pot Core (Coupled)	120-1470-00		16.480	CR
10. μH	20. mΩ	1.6 A	.310 OD x .620 Long	Choke Form	108-0813-00		.720	CR
12. μH	9.1 mΩ	10. A	.450 OD x .880 Long	Choke Form	108-0556-00		1.200	CR
25. μH	25. mΩ	3.5 A	.400 OD x .880 Long	Choke Form	108-0337-00	A	.680	CR
28.8 μH	27. mΩ	8.4 A	.400 OD x 1.250 Long	Rod Core, Horizontal	108-1006-00		1.150	CR
30. μH	15. mΩ	2.5 A	.570 OD x .260 High	Toroid	108-0574-00	A	1.050	CR
35. μH	440. mΩ	1. A	.880 OD x .620 High	Pot Core (Coupled)	120-1455-00	A	3.350	CR
41. μH	9. mΩ	30. A	2.100 OD x .950 High	Toroid	108-0951-00	N	5.410	CR
48.7 μH	20. mΩ	2.5 A	.570 OD x .260 High	Toroid	108-0853-00		1.541	CS
50. μH	27. mΩ	3. A	.380 OD x .750 Long	Bobbin Form	108-0958-00		1.400	CR
56.4 μH	17. mΩ	3.2 A	.570 OD x .260 High	Toroid	108-0828-00		1.547	CR
65. μH	13. mΩ	15. A	.950 OD x .700 High	2 Toroids	108-0911-00		2.530	CR
72. μH	35. mΩ	3.2 A	.740 OD x .310 High	Toroid	108-0820-00		2.542	CS
75. μH	40. mΩ	4. A	.850 OD x .300 High	Toroid	108-0708-00		1.800	CR
80. μH	30. mΩ	7.5 A	.870 Wide x .550 High	Toroid	108-1209-00	A	.830	CR
80. μH	80 mΩ		.720 Wide x .650 High	Toroid	108-1197-00	A	1.250	CR
80. μH	136. mΩ	1.6 A	.310 OD x .620 Long	Choke Form	108-0422-00	A	.620	CR
80. μH	110. mΩ	1.6 A	.340 OD x .950 Long	Choke Form	108-0646-00	A	1.450	CR
83. μH	45. mΩ	2. A	.570 OD x .260 High	Toroid	108-0742-00		1.493	CR
105 μH	38. mΩ	6. A	.710 OD x .790 High	Ferrite Bobbin	108-0977-00		1.543	CR
116. μH	59. mΩ	3.2 A	.830 OD x .410 High	Toroid	108-0585-00	A	2.280	CR
116. μH	41. mΩ	2.9 A	.830 OD x .500 High	Toroid	108-0728-00		1.910	CR
100. μH	97. mΩ	2.1 A	.420 OD x .900 Long	Choke Form	108-0336-00	A	.580	CR
135. μH	67. mΩ	4.5 A	.550 OD x .790 High	Ferrite Bobbin	108-0978-00		1.827	CS
140. μH	60. mΩ	3.5 A	.550 OD x .790 High	Ferrite Bobbin	108-0921-00		1.720	CR
140. μH	71. mΩ	2.2 A	.750 OD x .450 High	Toroid	108-0961-00		2.637	CR
140. μH	99. mΩ	2.2 A	.300 OD x .875 Long	Choke Form	108-0973-00	A	2.570	CR
150. μH	92. mΩ	1.5 A	.380 OD x .750 Long	Choke Form	108-0959-00		1.960	CR
160. μH	34. mΩ	12. A	1.650 OD x 1.140 High	Pot Core	108-0942-00	A	5.397	CS
174. μH	236. mΩ	1.3 A	.370 OD x .875 Long	Choke Form	108-0473-00	A	.560	CR
300. μH	70. mΩ	4. A	1.420 OD x .870 High	Pot Core	108-0934-00		5.775	CS
371. μH		10. A	1.650 OD x 1.140 High	Pot Core	108-1009-00			NP
400. μH	230. mΩ	2.5 A	.550 OD x .790 High	Ferrite Bobbin	108-0993-00		3.460	CR
500. μH	210. mΩ	2. A	.870 OD x .510 High	Pot Core	108-0938-00		3.896	CS
520. μH	144. mΩ	3. A	.940 OD x .790 High	Ferrite Bobbin	108-0975-00		1.420	CR
560. μH	140. mΩ	4. A	1.380 OD x .750 High	Toroid	108-0910-00	A	4.250	CR
570. μH	200. mΩ	4. A	1.420 OD x .870 High	Pot Core	108-0957-00		9.427	CS
700. μH	337. mΩ	2.1 A	.550 OD x .790 High	Ferrite Bobbin	108-0980-00		1.679	CS
800. μH	206. mΩ	2.6 A	.940 OD x .790 High	Ferrite Bobbin	108-0922-00		2.022	CS
1. mH	265. mΩ	1.5 A	1.020 OD x .630 High	Pot Core	108-1017-00		7.870	CR
1. mH	.75 mΩ	1.7 A	1.300 x .840 High	Pot Core (Coupled)	120-1410-00		9.937	CS
1.3 mH	510. mΩ	1.6 A	.710 OD x .790 High	Ferrite Bobbin	108-0923-00		1.960	CR
1.6 mH	508. mΩ	4. A	1.200 OD x .500 High	Toroid	108-0909-00		8.460	CR
1.7 mH	300. mΩ	900. mA	1.020 OD x .630 High	Pot Core	108-0939-00		5.671	CS
3.5 mH	1. Ω	1.7 A	1.420 OD x .870 High	Pot Core	108-0979-00	N		DL
5. mH	650. mΩ	650. mA	1.170 OD x .550 High	Toroid	108-0354-00			OB

<sup>a</sup> For questions on preferred suppliers of components not listed, contact Dan Decker or Corporate Procurement (Dick Borts).

<sup>b</sup> Listings of Inductors which may be used in typical switching power supplies at the listed I<sub>MAX</sub>.

<sup>c</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

COMMON MODE POWER CHOKES<sup>a</sup>

Inductance (mH)	Current Rating <sup>b</sup> (A)	Style	Part Number	Codes <sup>c</sup>		
				ND	Cost	ST
27 $\mu$ H	4	Toroid	120-1577-00		3.220	CR
300 $\mu$ H	1.2	Toroid	120-1618-00		3.565	CR
600 $\mu$ H	2	Toroid	120-1458-00		2.157	CR
725 $\mu$ H	3	Toroid	120-1465-00			DL
950 $\mu$ H	3	Toroid	120-1511-00		5.120	CS
1	5	Toroid	120-1569-00		1.808	CS
1	6	Toroid	120-1337-00	A	10.370	CR
1	12	Toroid	120-1497-00	A	8.030	CS
2	6	Toroid	120-0063-00		2.970	CR
2.7	2	E Core	120-1449-00	A	1.010	CR
3	4	E Core	120-1480-01		4.600	CR
3	5	Toroid	120-1507-00		5.610	CR
3.5	2	Toroid	120-1471-00		2.680	CR
4.1	7.5	Pot Core	120-1525-00		11.197	CS
7.9	2	Toroid	120-1460-00		4.730	CR
8.6	3	Pot Core	120-1364-00			DL
10	1.8	Toroid	120-1547-00 <sup>d</sup>		2.500	CR
13.1	.5	E Core	120-1244-00	A	3.160	CR
17	1	Pot Core	120-1100-00		6.496	CS
20	.28	Pot Core	120-1103-00		9.001	CR
24	1	E Core	120-1560-00		2.400	CR
33	8	Pot Core	120-1288-00		15.735	CR

<sup>a</sup> For questions on preferred suppliers of components not listed, contact Dan Decker or Corporate Procurement (Dick Borts).

<sup>b</sup> Current Rating is based on thermal limits when used in common mode configuration only. The cores will saturate if normal mode configuration is used.

<sup>c</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

<sup>d</sup> Safety controlled.

# POWER TRANSFORMERS<sup>a</sup>

## (LINE FREQUENCY)

VA	Part Number	Codes <sup>b</sup>			Instr.	Lamination E.I. No.	Stack Height	Primary			Secondary			Notes	
		Cost	ND	ST				Volts	% Tol	Ser/ Pri	Term/Lead	Volts (No Load @ Nom. Line)	AMPS (DC, UOS)		DCWV
2.5	120-1416-00	19.000		CR	4041	21	.5	111	18.9	Yes	9-13	14	.075		
15.4	120-1479-00	44.299		CS	A6902A	C Core		111 222	18.9	Yes	6-7-8 14-15-16 10-11-12	±7 ±7 ±7	154 129 128		
19	120-0899-00	16.834		CR	S3260	75	1.08	115	8.7	Yes	6-7	11.9	1.	600	
25	120-0905-00 <sup>c</sup>	23.919		CR	1803	125RH	1.	100 to 115 110 to 125	10.	Yes	6-7-8	105 to 120	.213 AC RMS	600	Isol. Trans., See Dwg. for Connector Information
31.7	120-1524-00 <sup>c</sup>	58.310		CR	7D20T	C Core		100 120 220 240		Yes	11-J1 8-9 9-10	+5 +15 -15	500mA 1A 1A		
36	120-1529-00	15.989		CS	8561 MOD	87	1.125	111 222	18.9	Yes	5-6	+15	.400		
49	120-0651-00	25.775		CS	1101	87	1.1	104 120	10.	Yes	10-11 12-13 14-15	24.8 24.22 10.11	.435 .455 .435	600 600 600	
56	120-0657-00			OB	2101	100	1.	100 115 124	10.	Yes	10-11 12-13	28.93 28.75	.37 .68	600 600	
58	120-1430-00	63.040	A	CS	1424/ 1420	125	1.12	100 110 120 220 240	10.	Yes	11-10 13-12 14-13	247 +18 -18	.033 .485 .735		
71	120-0737-00	32.995		CR	147	100	1.5	100 115 124	10.	Yes	10-11-12 13-14 15-16	17.8 CT 20.7 20.7	1.16 FWCT .486 .64	600 600 600	
90	120-0239-00	23.973		CS	109	100	1.5	117	10.	Yes	6-7 8-9-10	164. 33. CT	.02 2.	600 600	
96	120-0949-00	35.360		CR	1485	100	1.765	100 110 120	10.	Yes	10-11 12-13 14-15 16-17	92. 71.5 21.8 21.8	.24 .04 .6 .6	600 600 600 600	
126	120-0455-00	34.318		CS	491	100	1.5	100 115 124	10.	Yes	10-11-12 13-14 15-16-17	26.7 CT 176. 30. CT	.13 .06 1.8	600 600 600	
134	120-0791-01	40.660		CR	TM501	100	1.25	100 110 120	10.	Yes	10-11 12-13 14-15 16-17 18-19-20	26.1 26.1 26.1 26.1 19.6 CT	.5 .5 .5 .5 1.	600 600 600 600	All Secondaries cannot be Simultaneously Loaded -- See Drawing.

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<sup>c</sup> Safety controlled.

**POWER TRANSFORMERS (cont)<sup>a</sup>**  
**(LINE FREQUENCY)**

VA	Part Number	Codes <sup>b</sup>			Instr.	Lamination E.I. No.	Stack Height	Primary			Secondary				Notes
		Cost	ND	ST				Volts	% Tol	Ser/ Pri	Term/Lead	Volts (No Load @ Nom. Line)	AMPS (DC, UOS)	DCWV	
142	120-0669-00	33.160		CR	R1140	100	2.	115	10.	Yes	6-7-8	23. CT	3.3	600	
150	120-0793-00	44.500		CR	TM503	125RH	1.75	100 110 120	10.	Yes	10-11 12-13 14-15  16-17 18-19 20-21 22-23 24-25 26-27 28-29	24.68 24.68 24.68  24.68 24.68 24.68 24.68 24.68 8.94 8.94	1.05 1.05 .5  .5 .5 .5 .5 .5 1.95 1.95	600 600 600  600 600 600 600 600 600 600	All Secondaries cannot be Simultaneously Loaded - See Drawing
222	120-0708-00	32.700		CR	7403N	137	2.	100 110 120	10.	Yes	10-11-12 13-14-15 16-17-18 19-20	37.9 CT 20. CT 102. CT 78.4	1.8 1.4 .28 .03	600 600 600 600	
252	120-0653-00	53.870		CR	T-4002	125RH	2.	100 115 124	10.	Yes	10-11-12 13-14 15-16	16.5 CT 20.82 20.82	10. .5 .5	600 600 600	
404	120-0575-00			OB	561 B	150	1.75	100 115 124	10.	Yes	11-12 13-14 15-16 17-18 19-20 9-10 22-23 27-28 29-30	99.1 15.56 15.56 127.6 171.2 6.74 6.74 6.74 6.74	.27 2.4 2.4 .34 .19 1.1 ACRMS .6 ACRMS 4. ACRMS 4. ACRMS	600 600 600 600 600 600 4000 600 600	
656	120-0942-00	66.350		CR	TM-504	150	2.	100 110 120	10.	Yes	10-11 12-13 14-15 16-17 18-19-20 21-22 23-24 25-26-27 28-29 30-31-32 33-34	24.7 24.7 24.7 24.7 20. CT 24.7 24.7 20. CT 24.7 49.4 CT 24.7	.5 .5 .5 1. 4. 1. .5 3.9 .5 1.4 .5	600 600 600 600 600 600 600 600 600 600 600	All Secondaries cannot be Simultaneously Loaded, see Drawing
840	120-0619-00	85.283		CS	120-0598-00	19	2.47	100 115 124	8.	Yes	10-11 10-12	122. 116.	7. AC RMS	600	Isolation Transformer. This item is Available from Stock with Line Cord and Receptacles under P/N 120-0598-00.
	120-1412-00	58.556		CS	4114	175	2.5	100 120 220 240	10.	Yes	7-8 7-9 7-10 11-12-13 14-15-16	180 255 430 3.5 CT 18.3 CT	2.7 4.4		
	120-1493-00 <sup>c</sup>	7.870		CS	4115	125	1.25	109	20. 18.	No	7-6 7-8	+ 15 - 15	300 50		

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<sup>c</sup> Safety controlled.

## POWER TRANSFORMERS (cont)<sup>a</sup>

VA	Tek P/N (New Numbers)	Codes <sup>b</sup>			Tek P/N (Previous Numbers)	Primary Volts (AC RMS)	Secondary Volts (AC RMS Full Load)	Secondary Current (AC RMS, U.O.S.)
		Cost	ND	ST				
3.78	120-0613-00	5.490		CR		117	6.3 CT	.6
4.4	120-1335-00			OB		115	14	28
7	120-1003-00			OB	999-0170-00	117	125	15 mA DC
					6.3	.6		
8	120-0999-00			OB	999-0166-00	117	6.3 CT	1.2
14	120-1004-00			OB	999-0171-00	117	250 CT	25 mA DC
						6.3		1.
24	120-1002-00			OB	999-0169-00	117	24. CT	1.
24	120-1006-00			OB	999-0261-00	117	30. CT	.8
25	120-1000-00			OB	999-0167-00	117	12.5 CT	2.
25	120-1005-00			OB	999-0238-00	117	6.3 CT	4.
27	120-1001-00	6.950		PP	999-0168-00	117	18. CT	1.5
28	120-1007-00	5.970		CS	999-0269-00	120	8.7 CT	3.2
100	120-1066-00			OB		120	24	4.1
240	120-1586-00	20.250		CR		115	20	500 mA
250	120-1519-00	51.000		CR		120	24	10

**ATTENTION:**

For those specified in AC RMS current, you must consult the following conversion chart to determine the maximum DC current for the type of circuit you have. If you do not follow this guide, you will very likely have an overcurrent situation which will cause overheating and reduced output voltage.

DC CURRENT TO AC RMS CURRENT

CONVERSION CHART

RECTIFIER TYPE	FILTER TYPE	RMS SECONDARY CURRENT
Full Wave Center-Tap	Choke Input	.7 x DC amps
	None (Resistive Load)	.7 x DC amps
	Capacitor Input	1.27 x DC amps
Full Wave Bridge	Choke Input	1. x DC amps
	None (Resistive Load)	1. x DC amps
	Capacitor Input	1.8 x DC amps

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# E CORE & POT CORE TRANSFORMERS<sup>a</sup>

Part Number	Codes <sup>b</sup>		VA	Primary Volts (PK)	Core <sup>c</sup> Type	Freq kHz	Wave Shape	Primary Inductance (mH)	Drive <sup>d</sup>	Instr.	Secondary Data					Notes
	Cost	ST									Lead Number	Volts (PK)	Current (mA) I <sub>DC</sub>	Rect Style	DCWV	
120-0062-00	7.840	CR	.75	31.5	PC1408	80	SQR	49.		50M10	3-4	7.5	100		Converter Xfrmr	
120-0381-00		OB	OSC	12.	PC2213	1	SQR	252.	SE	453	GR-BR	3.			L adj. to ± 16 mH	
120-0418-00		OB	OSC	12.	PC2516	4	SIN	138.	SE	3L10	WH-BL	5.			L adj. to ± 23 mH	
120-0460-00		OB	OSC	5.	PC2213	1	SQR	260.	SE	454	1-6	1.25			L adj. to ± 15 mH	
120-0496-00		OB	.3	13.2	PC2616	50			PP	410	2-6 2-5 2-4 8-9	35. 125. 430. .6	.7 .1 36 μ 400		600 XF, High Voltage 2 CT Primaries V & I Ratings are Nom Vary w/Load & Input	
120-0686-00		OB	10.5	60.	PC1811	60		3.	PP	26AI	4-5-6 7-8-9	130. CT 6. CT	80 10			
120-0687-00	5.328	CS	5.3	10.5	PC2616			1.	SE	1401	3-4 1-2 5-6 9-10	55. 5. 10.5 10.5	2 45 125 92		Flyback Transformer	
120-0694-00	19.370	CR	.9	6.	PC1408		PLS	1.	SE	176	3-4	6.	300 PK		2 XF's on Same Mount	
120-0695-00	6.980	CR	.9	6.	PC1408		PLS	1.	SE	176	3-4	6.	300 PK		DWV: 1000 VRMS 60 Hz 1MN	
120-0698-00	15.100	OT	2.7	29.	PC1811	40	SQR	.9	PP	7D13	3-4 4-5-6	37. CT	300 PK .1		DWV: 1000 VRMS 60 Hz 1MN	
120-0703-00		OB	2.4	20.	PC1811	20		.71	PP	1801	6-4-5	20. CT	120		2nd Primary, 7 5VCT	
120-0712-00		OB	2.9	26.2	PC1811	333		25 μH	PP	2620	4-6	83.8	35			
120-0714-00		NP	1.	18.	PC1811	120		42 μH	SE	4551	3-4/4-6	6.9/500	5/2			
120-0717-00	6.517	CS	.5	20.	PC1408	50	PLS	600.	SE	432/434	3-4	.2	2500		Current Transformer	
120-0718-01	5.198	CS	.3	50.	PC1408	50	PLS	62.	SE	432/434	3-4	3.	100		Pulse XF, DWV: 100 VRMS	
120-0719-00	5.033	CS	.025	2.5	PC1408	2 M	PLS	.4	SE	432/434	4-3	2.5	10		Pulse XF, DWV: 1500 VRMS	
120-0720-00	5.575	CS	6.7	50.	PC1408	100	PLS	5.	SE	432/434	3-4	.67	1 A PK		Pulse XF	
120-0721-00	5.506	CS	.003	10.	PC1408	125	PLS	15.	SE	432/434	3-4	3.3	1		Pulse XF, DWV: 500 VRMS	
120-0735-00	11.220	CR	.69	21.	PC1811	50	SQR	647.	PP	211	6-5 5.4 10-11	147. 30. .6	1 10 400		2nd Primary, 2-4 VCT Power Transformer	
120-0745-00		OB	5.4	6.5	PC2318	50		38.	SE	1501	7-8 9-10 1-2 11-12-13 5-6	6.5 6.5 9. 15.6 CT 104.	48 35 7 300 .8		Voltages are Reference Only. Currents are Max DC Supply Load Currents. Flyback Transformer	
120-0754-00	6.070	CR	8.	13.3	PC1181	16	SWT	1.4	SE	650	1-2	8 P-P	4 AP-P		PR1 + 19.3 V & 23 V Taps	
120-0784-00	3.480	CR	2.2	20.	PC1811	40		.1		7D11	4-6	2.	1100		Switching Regulator	
120-0789-00	6.980	CR	.154	5.5	PC1811	100	SQR	63 μH	PP	J-16	9-8-7 4-5-6	1.65 CT 16.5 CT	40 35		Power Transformer	
120-0832-00	24.870	CR	.6	20.	PC2616	500	SQR	.11	PP	577	4-6 7-8 9-10	48. 24. 24.	10.9 1.6 1.6	2000 2000	DWV: 1400 VRMS	
120-0833-00	18.570	CR	.082	10.	PC1811	500	SQR	4.	SE	577	4-6 7-8	12. 10.	1 7	2000	DWV: 1400 VRMS Shield	
120-0844-00	12.490	CS	1.8	23.6	PC1811	40	SQR	5.3	PP	DM501	1-2-3 4-6	31.1 CT 6.97	80 80		DWV: 1500 VRMS All Windings	

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<sup>c</sup> PC = IEC Series Pot Cores with diameter in mm/height in mm.

<sup>d</sup> Abbreviations:

PLS	PULSE	SE	SINGLE-ENDED
SIN	SINEWAVE	PP	PUSH-PULL
SQR	SQUARE	SWT	SAW TOOTH

# E CORE & POT CORE TRANSFORMERS<sup>a</sup> (cont)

Part Number	Codes <sup>b</sup>		VA	Primary Volts (PK)	Core <sup>c</sup> Type	Freq kHz	Wave Shape	Primary Inductance (mH)	Drive <sup>d</sup>	Instr.	Secondary Data					Notes
	Cost	ST									Lead Number	Volts (PK)	Current (mA) IDC	Rect Style	DCVV	
120-0849-01	17.916	CS	11.4	57.	PC2616	20	SQR	20.	PP	7D12	1-2-3 4-5-6	36.3 CT 14.7 CT	400 557			DWV: 2.5 KVRMS Pri & Shielded
120-0858-00	11.041	CS	.014	1.5	PC1811	108	SIN	9.5	PP	M-3	4-5-6 1-2-3	3 CT 1.5 CT	6 6			Modulator XF, DWV: 2.5 K Pri & Shielded
120-0859-00	10.661	CS	OSC	.02	PC1811	10	SIN	9.5	PP	M-3	7-8-9	.02 CT	6			DWV: 2.5 KVRMS Modulator, Transformer
120-0863-00	9.810	CR	5.2	41.	PC2318	40	SIN	.37	SE	MR501	3-4 6-8 6-10 11-12	2.56 74.3 164. .64	0 65 .75 .4			This Winding is also a Primary
120-0865-01	8.980	CR	.487	11.	PC1107	50	SQR	36.	SE	214	1-6 4-5	45.7 .76	4 400 AC			DWV: 500 VRMS Each Winding
120-0868-00		OB	5.04	7.8	PC2318	30	SQR	58 μH	PP	412	14-15-16 17-18 10-1 10-9 10-6 10-7 10-8 10-2 10-4 10-3 10-5	2.6 CT .65 36.1 13. 7.8 7.8 13. 36.1 51. 176. 613.	400 15 20 200 200 20 15 .18 .12 .036			Feedback
120-0875-00	10.370	CR	1.41	17.9	PC1408	40	SQR	245.	PP	221	8-9-10 4-3 4-2 4-1 13-12 13-11	3. CT 22.4 35.4 276. .375 .746	7 9 17 1 .2 410		1000 1000	Feedback
120-0876-00	17.850	CR	19.8	235.	PC1811	100	SQR	4.	SE	221	4-5-6	33. CT	1200	FWCT		
120-0881-00		DL	.67	14.6	PC1408	12	SQR	31.se /1/	SE	670-3152-00	3-4-5	33.7 CT	40	FWCT		
120-0896-00		OB	2.36	56.5	PC2318	40	SQR	.79	PP	J20	3-4 9-10 6-7-8	2.83 80.7 4.84 CT	20 300	FWD FWCT		Feedback
120-0897-00		OB	OSC	25.	PC1107	1	SIN	.4	SE	J20	4-5-6	82. CT	21			DWV: 1.5 KVRMS Between Windings
120-0912-00	4.080	CS	40.	85.	PC2213	16	PLS	3.6	SE	670	3-4	18.	1.72	HW		Base DR for Flyback XF
120-0914-00	3.264	CS	.82	12.5	PC1811	16	SWT	3.1	SE	670	1-3	4.12	200			Primary Tapped @ 5 V
120-0929-00	4.193	CS	.059	11.	PC1811	60	SIN	.25	SE	4661	3-7 4-6	1.1 440.	.134			Feedback
120-0931-00	6.970	CR	OSC	187.	PC1408	50	SIN	2.2	SE	SG-503	4-2 4-3	35. 6.				Autotransformer, 50 kHz
120-0932-00	7.200	CR	OSC	370.	PC1408	500	SIN	.92	SE	SG-503	4-2	37.6				Autotransformer, 250-500 Hz
120-0933-00	6.620	CR	OSC	248.	PC1107	1	SIN	.23	SE	SG-503	1-3 1-4	42. 6.				Autotxf, .5 to 1 kHz
120-0934-00	6.070	CR	OSC	120.	PC1107	2	SIN	54 μH	SE	SG-503	1-4	34.				Autotxf, 1. to 2.5 Hz
120-0947-00		OB	.112	10.	PC1811	250	SQR	.25	PP	408-412	4-5-6 7-8-9	2. CT 22. CT	10			Feedback DWV: 10 KVDC
120-0953-00	11.980	CR	16.6	40.	PC2318	25	SQR	21.	PP	PG506	3-4 8-9 9-10 6-5-7	11. 80. 52.5 36.5 CT	1 125 30 275			

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SIN	SINEWAVE	PP	PUSH-PULL
SQR	SQUARE	SWT	SAW TOOTH

## E CORE & POT CORE TRANSFORMERS<sup>a</sup> (cont)

Part Number	Codes <sup>b</sup>		VA	Primary Volts (PK)	Core <sup>c</sup> Type	Freq kHz	Wave Shape	Primary Inductance (mH)	Drive <sup>d</sup>	Instr.	Secondary Data					Notes
	Cost	ST									Lead Number	Volts (PK)	Current (mA) DC	Rect Style	DCWV	
120-0957-00	7.940	CR	OSC	.002	PC1107	250	SIN	1.	SE	5L4	3-6 4-5	.001 .001				RF Transformer, Low Level
120-0959-00	7.640	CR	1.32	4.05	PC1811	58	PLS	.05	SE	213	1-5 2-5 3-5 4-7 4-6 8-9	101. 44.2 8.85 1.44 4.05 1.16	2.1 6.6 37 0 0 420	AC	1.1 K	Flyback Mode Xfmr
120-0975-01	8.490	CR	.223	25.	PC1811	25	SQR	19.	PP	1502	9-10-11 4-6 7-8	6.3 570. .63	.06 300	Qdrpl		
120-0976-00	9.830	CR	7.1	9.	PC2318	50	PLS	.03	SE	1502/ 1503	8-9 8-10 4-10 10-3 7-10 2-1 11-12 12-13	65. 167. 7.1 7.1 12. 26. 7.9 7.9	3 3 55 55 30 20 300 300			Flyback Mode Power Supply Transformer
120-0979-00		DL	.012	.8	PC2616	168	PLS	6 μH	SE	670	4-6	175.	.068			Freq is 15750 Rep Rate
120-1008-00	4.790	CR	OSC	.001	PC1408		SIN	98 μH	SE	7L5						Var L Tapped at 20%
120-1040-00	4.184	CS		13.8	1107	20	SQR	79		4662	5-6 7-8	1.73 1.73	135 135			
120-1041-00	10.247	CS		37	3019	20	SQR	21		4662	1-2 4-5 2-3 3-4 9-10 6-7	10.5 10.5 6. 6. 6. 6.	200 200 400 400 400 400			
120-1042-00		OB		27.5	PC1408	30		4.28		414	3-4 5-6					
120-1062-00	4.728	CS		250	PC1811	27	SQR	4.4		7D01	2-3 5-4	1. 1.	150 150			
120-1077-00		OB		8.6	3019	25		1.95		400	5-7 4-8	14.3 CT 28.8 CT	269 728			Converter
120-1083-00	6.805	CS		28.7	PC3019	27	SQR	20.		7D01	1-5 5-4 8-7 7-9	5.38 5.38 2.69 2.69	4 4 2 2			
120-1086-00	4.193	CS		30	PC1811	40		46.2		WR501			3 A			Switching Regulator
120-1089-00	4.729	CS			PC2616	23		625		CP4165	4-5	2.3	2			
120-1090-00	7.949	CS			PC4229	23		385		CP4165	3-4 5-6	5.1 103.1	.2			
120-1125-00		OB		7.8 VCT	3019TT	20-40		190		413	5-10 3-10 4-10 2-10 8-10 7-10 6-10 9-10 1-10 17-18 14-15-16	613 176 51 36.1 13 7.8 7.8 13 36.1 .65 2.6 CT	60 μA 140 μA 650 μA 15 200 500 500 200 15 400 350			
120-1126-00		OB			1408TT	50	SIN	1.76		413	2-5 3-4					

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## E CORE & POT CORE TRANSFORMERS<sup>a</sup> (cont)

Part Number	Codes <sup>b</sup>		VA	Primary Volts (PK)	Core <sup>c</sup> Type	Freq kHz	Wave Shape	Primary Inductance (mH)	Drive <sup>d</sup>	Instr.	Secondary Data					Notes
	Cost	ST									Lead Number	Volts (PK)	Current (mA) IDC	Rect Style	DCWV	
120-1127-00		OB			PC1811	50	SIN	.252		413	7-8-9					
120-1129-00	11.870	CR		1000	PC3019	15.75		19 - 21		650	2-3-4	241 CT	150			Flyback
120-1142-00	9.550	CR			1107	4.5 mHz				1450-1	8-5 2-7					
120-1163-00	7.213	CS			1811	50		4.2		7912	1-2-3 7 (SH) 4-6					
120-1174-00		NP		50	2616	25	SQR	10		7104	4-6 6 (SH) 2 (SH)	592	2			
120-1193-00	3.844	CS			1811	50		229 $\mu$ H		832	1-3 4-6	13 13	1600 1600			
120-1197-00	9.960	CR			1811	20		298		634	2-1 5-6					
120-1209-00	5.528	CS			2318	36.8		6.5		4027	2-4 6-7					
120-1211-00	6.184	CS			2318	20		2.15		4027	1-2 2-3 6-7 9-10	39 39 3 3	.002 .002			
120-1212-00	5.441	CS			2616	15.75		195		4027	2-5 6-4	160 4	2 10			Flyback
120-1232-00	7.322	CR		500	2213			3.03		634	1-2 2-3 3-7 4-5 5-6					
120-1242-00	5.284	OT			1811	20		11 $\mu$ H		634	2-1					
120-1262-00	5.009	CS		11	1408	30		88		7D02	3-4	1.1	.35 A			
120-1267-00	9.575	CR		12	3019	20		2.1		7612D	1 (SH) 7-6 9-10 5 (SH)	3 3	1 A 1 A			
120-1274-00	6.512	OT			1811	25		9.8		606B	1-2 2-3 4-6 8-7	18 18 1 1	.2 A .2 A 1 A 1 A			
120-1301-00	6.102	CS			2616			110 $\mu$ H		468	3-2-1		4 A			
120-1318-00	6.354	CS			2616	15		20.2		690SR	6-5-2	1500	463			
120-1325-00	5.525	CS			2616	25		400 $\mu$ H		834	4-6 1-3		2.65			Flyback
120-1334-00		NP		225-360		31.5		487 $\mu$ H		4109		1250	5 A			Flyback
120-1334-01	12.970	CS		225-360		31.5		487 $\mu$ H		4109		1250	5 A			Flyback
120-1340-00	5.091	CS			2318	15.7		125		640-0523-00	2-4 7-8	55 3	.078 1.4			

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<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>c</sup> PC = IEC Series Pot Cores with diameter in mm/height in mm.

<sup>d</sup> Abbreviations:

PLS	PULSE	SE	SINGLE-ENDED
SIN	SINEWAVE	PP	PUSH-PULL
SQR	SQUARE	SWT	SAW TOOTH

# E CORE & POT CORE TRANSFORMERS<sup>a</sup> (cont)

Part Number	Codes <sup>b</sup>			VA	Primary Volts (PK)	Core <sup>c</sup> Type	Freq kHz	Wave Shape	Primary Inductance (mH)	Drive <sup>d</sup>	Instr.	Secondary Data				Notes
	Cost	ND	ST									Lead Number	Volts (PK)	Current (mA) iDC	Rect Style	
120-1342-00			OB			3019TT	1	SQR	190		413A	5-3 3-4 4-2 2-8 9-1 8-7 6-9 7-10-6 11-12-13 14-15-16 17-18	613 176 51 36.1 13 7.8 7.8 13 7.8 2.6 .65	60 μA 100 μA 650 μA 15 200 500 500 200 300 400		
120-1347-00	2.880		CR		1811	20		5-9		2213/ 2216	1-2-3	6.6	.02 A			
120-1348-03	15.830		CR	27	40	E	20	SQR	4.4	PP	2200	24-25 20-21-22 17-18-19 13-14-15 12-14-16 8-23 +8 kV	6.3 8.6 +5 +30 +100 -2050 .4	100 800 2 A 150 100 .4		
120-1356-00	15.520		CR		30	3019	30		686 μH		7D20	7-9 11-12	6.3 5.4	500 2.5 A		
120-1362-00	9.980		CR			1107			1.9		1900	1-4 2-3		300 300		
120-1366-00	5.351		CS			1811			121 μH		690SR	1-4-2-3 3-6		1.5 A		
120-1383-00	9.980		CR			1107					1900	1-4 2-3		350 350		
120-1400-00	5.700		CS			1811	76.8		1.7		4112/4114	4-6 1-3	209 9.5	6.5 .163		
120-1403-00	12.044	A	CS		11.5 CT	E	20	SQR	.26	PP	8560	7-6 9-10	4.6 4.6	1.3 A 1.3 A		
120-1408-00	23.179	A	CS		98-190	E	20-40	SQR	2.7	SE	8560	7-8-9 4-5-6 1-2-3	5 24 ±12	31 A +1.7 A-1.3 A	FWCT FWCT FWBCT	
120-1413-00	10.919		CS		26.1	E	50	SQR			4114	11-12 1-9 1-8	6.3RMS 3 kV 1 kV	400 2 100 μA		
120-1415-00	11.330		CR		5.6	E	25	SQR	1.8	SE	4041	6-7 9-10	1.4 1.4	400 400		
120-1417-00	4.840	A	CR		225-373	3019TT	45-55		5.7-7		2445/2465	7-6 9-8		100 100		
120-1418-01	11.166		CR		17	E	35	SQR		SE	2465	2-7 2-14 2-8 15-16	150 955 2342 6.3	3 1.3 100 μA 325		
120-1420-00 <sup>e</sup>	12.425		CS			3019TT		SQR	1.7	SE	5D10	4-3 10-9 8-7		5		
120-1425-00	19.500		CR	12.5	108	U	15.75	SQR	2.9 μH	SE						Flyback
120-1432-00	6.194	A	CS	.15	.03	E	20	SQR	30	SE	8560	4.1	6	25		
120-1434-00	4.807		CS			1811	16	SWT	.7	SE	6905R	4-5 5-6		6.5 4.9		

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<sup>e</sup> Safety controlled.

## E CORE & POT CORE TRANSFORMERS<sup>a</sup> (cont)

Part Number	Codes <sup>b</sup>			VA	Primary Volts (PK)	Core <sup>c</sup> Type	Freq kHz	Wave Shape	Primary Inductance (mH)	Drive <sup>d</sup>	Instr.	Secondary Data				Notes
	Cost	ND	ST									Lead Number	Volts (PK)	Current (mA) I <sub>DC</sub>	Rect Style	
120-1437-00	4.700	A	CR	100	140-150	E	22-28	SQR			2445/2465					
120-1439-00	7.350	A	CR		373	SF4309-16	35-65		3.2-4		2213/2215	1-4 1-5 2-4 2-5	746 373 373 416	1		Energy Storage
120-1441-00	4.750		CS	.25-8		G42616-16	48-440 Hz		2.25-3		2213/ 2215					
120-1454-00	21.740		CR	3.2	64	E	19-23	SQR	42		2236	9-8 9-10	+ 12 -12	100 50		FWB
120-1472-00	10.870		CR		14	E	63	SQR	460 μH	SE	110.5	6-5 8-7	10 10	50 50		
120-1481-00			NP			2616	31.5	SWT	3.8	SE	4109	4-6		.25 A		
120-1482-00	6.970		OT		29	2318	31.5	SQR	13	SE	4109	8-7	1.6			
120-1490-00 <sup>e</sup>	6.500		CR	7.5	10.5	U	15.75	SQR	910 μH	SE		HV 7-1 8-1 5-1 4-1	9.6 kV 74.5 504 55.7 14.5	40 μA		Flyback
120-1491-00 <sup>e</sup>	45.490		CS	806	180-360	E	22	SQR	6.7	SE	4115	25-26-27 19-20-21 22-23-24 15-16-18	24 +5 -5 -12	10 55 13 1.8		FWCT FWCT FWCT FWCT
120-1492-00 <sup>e</sup>	11.199		CS	6.5	10.4	E	22	SQR	1.25	SE	4115	6-7 7-8 9-10 11-12	2.6 2.6 2.6 2.6	1.0 1.0 1.0 1.0		
120-1496-00	19.690	A	CR	85	146-362	E	20-30	SQR	1.45	SE	4105	3-2 11-9 12-10 13-14 14-15 15-16	+ 15 +5 +5 +12 -12 +27	250 12 A 12 A 1.3 A 1.3 A 100		
120-1502-00	5.539		CS			2616	48-64	SQR	204	SE	4115B	1-3				
120-1512-00	7.470		OT	5	15 P/P	2213	31	SQR	6	SE	4109	5-6	5 P/P	1 A		
120-1515-00 <sup>e</sup>	17.000		OT		80	U	31.5	PLS	600 μH	SE	4109	HV 5-6 9-10	25 kV 20 20	.900		Flyback
120-1515-01 <sup>e</sup>			NP		25 kV	U	32	PLS	.72	SE	4115B	HV 5-6 9-10	25 kV 20 20	.900		Flyback
120-1518-00	18.390		CR	162	78.3	E	20	SQR	2.3	SE	DAS9100	13-14 14-15	+ 5 +5	30 30		
120-1528-00 <sup>e</sup>	22.050		CS	6	5.75	E	20	SQR	260 μH	PP	8561	9-10 6-7	4.6 4.6	1.3 1.3		
120-1557-00	3.335		CR		140	U	31.5	PLS	.55	SE	GMA201	5-6 9-10 8-Tap HV	500 13 3880 19.5 kV	10 110 3 365 μA		Flyback
120-1558-00	16.261		CR	4	360		31.5		490 μH		GMA201					Flyback
120-1559-00	4.380		CR			E	15.75	PLS	.494	SE	GMA201	2-3 4-5		.85 A		Flyback
120-1579-00	24.000		CS		150	U	48	PLS	1.52	SE	GMA302	5-6 9-10 HV	30 30 25 kV	.9		Flyback

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<sup>e</sup> Safety controlled.

## E CORE & POT CORE TRANSFORMERS<sup>a</sup> (cont)

Part Number	Codes <sup>b</sup>			VA	Primary Volts (PK)	Core <sup>c</sup> Type	Freq kHz	Wave Shape	Primary Inductance (mH)	Driven <sup>d</sup>	Instr.	Secondary Data				Notes
	Cost	ND	ST									Lead Number	Volts (PK)	Current (mA) I <sub>DC</sub>	Rect Style	
120-1580-00	19.090		CS			E	48		350 μH		GMA302					Flyback
120-1584-00	17.450		OT		225-310		31.5		490		GMA303	1-16 9-10-11 12-13 6-14-8 5-4-3 3-16 14-13 5-9-15 6-7-8 10-11-12				Flyback

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TEK CIRCUIT BOARD STANDARDS  
 SWITCH MOUNTING (062-3762-00)  
 TEK COMPONENT MOUNTING STANDARDS

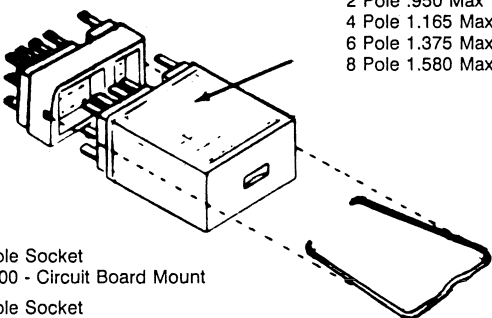
- 062-1732-00
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- 062-1732-02   B Series
- 062-1732-03   C Series
- 062-1732-04   D Series
- 062-1732-05   E Series
- 062-1732-06   F Series
- 062-1732-07   H Series
- 062-1732-08   M Series

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

# RELAYS

## ARMATURE (PURCHASED)

Form <sup>a</sup>	Contact Rating Amps @ 28 VDC or 115 VAC	Coil		Part Number	Codes <sup>b</sup>	
		Volts (DC)	Ohms		Cost	ST
2C	(1) 250 mA/(1) 2.0 A	12	1000	148-0081-00	10.350	CR
2C	5.0	12	185	148-0047-00	7.080	CR
2C	2.0	12	800	148-0068-00	8.330	CR
4C	10 μA to 250 mA	12	700	148-0082-00	16.420	OT
4C	(3) 500 μA/(1) 1.0 A	12	1000	148-0083-00	19.820	OT
4C	(1) 500 μA/(1) 1.0 A/(2) 2.5 A	12	1000	148-0084-00	15.680	OT
4C	(1) 250 μA/ (3) 2.0 A	24	700	148-0024-01	9.570	CR
4C	(2) 100 mA/ (2) 5.0 A	12	450	148-0065-00	12.410	CR
4C	(2) 100 mA/ (2) 7.5 A	12	450	148-0066-00	13.350	CR
4C	2.0	6	52	148-0091-00	8.110	CS
4C	5.0	12	185	148-0045-00	11.280	CR
4C	5. A	12	450	148-0067-00	11.040	CR
6C	2.0	6	52	148-0136-00	12.250	CR
6C	2.0	24	430	148-0029-00	11.550	CR
8C	1 mA to 2. A	12	200	148-0085-00	19.120	OT



2 Pole .950 Max  
4 Pole 1.165 Max  
6 Pole 1.375 Max  
8 Pole 1.580 Max

8 Pole Socket  
136-0468-00 - Circuit Board Mount

6 Pole Socket  
136-0359-00 - Chassis Mount

4 Pole Socket  
136-0215-00 - Chassis Mount  
136-0393-00 - Circuit Board Mount

2 Pole Socket  
136-0193-00 - Chassis Mount  
136-0394-00 - Circuit Board Mount

**NOT RECOMMENDED FOR NEW DESIGN**

# RELAYS

## ARMATURE (PURCHASED)

Form <sup>a</sup>	Contact Rating Amps @ 28 VDC or 115 VAC	Coil		Part Number	Codes <sup>b</sup>	
		Volts (DC)	Ohms		Cost	ST
2C	2.0 @ 28 VDC	12	185	148-0022-00	6.970	CS
2C	2.0 @ 28 VDC	24	700	148-0099-00		OB
2C	5.0 @ 28 VDC	24	700	148-0074-00		OB

<sup>a</sup> Form A = Make Spatno



Form W = Double Break,  
Double Make,  
Contact on Arm



Form B = Break Spatno



Form X = Double Make  
Spatnodm



Form C = Break, Make  
(Transfer)



Form Y = Double Break  
Spstncdb



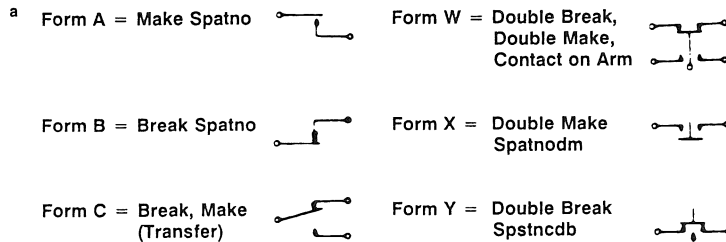
<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



## RELAYS (cont)

### ARMATURE (PURCHASED)

Form <sup>a</sup>	Contact Rating Amp @ 28 VDC or 120/240 VAC	Coil		Figure <sup>b</sup>	Part Number	Codes <sup>c</sup>	
		Volts (DC)	Ohms			Cost	ST
1A1B	(See Specification)	12	600	15	148-0149-00	3.570	CR
1A1B	5 A @ 250 VAC	5	84	8	148-1012-00	2.070	CR
1C	.1 A @ 30 VDC	12	720	17	148-0173-00	2.970	CR
1C	.1 A @ 30 VDC	12	720	17	148-0173-01	1.790	CR
1C	.1 A @ 30 VDC	5	125	17	148-0176-00	1.890	PP
1C	1 A @ 24 VDC	24	1646	19	148-0179-00	3.500	CR
1C	1 A @ 24 VDC	24	1646	19	148-0206-00	3.300	CR
1C	1 A @ 28 VDC	5	56	16	148-0165-00	1.360	CR
1C	1 A @ 28 VDC/200 mA @ 115 VAC	18	1130	3	148-0129-00	15.300	CR
1C	1 A @ 60 VDC/100 VAC	12	515	8	148-0185-00	1.200	CR
1C	2 A @ 220 VDC/250 VAC	12	360	18	148-0174-00	.970	CR
1C	10 A @ 150 VDC/250 VAC	24	1200	14	148-0170-00	3.350	CR
1C	30 A @ 100 VDC	5	148	10	148-0155-00	3.950	CR
1X	50 A @ 28 V	12	100	2	148-0069-00	29.100	CR
1Y	50 A @ 28 V	18	135	2	148-0137-00	33.480	CR
2A	8 A @ 250 VAC/5 A @ 30 VDC	12	600	7	148-0164-00	7.150	CR
2C	1 A @ 28 VDC/200 mA @ 115 VAC	5	62	4	148-0147-00	13.800	CR
2C	1 A @ 28 VDC/200 mA @ 115 VAC	5	61	5	148-0108-00	26.100	CR
2C	1 A @ 28 VDC/200 mA @ 115 VAC	6	98	6	148-0139-00	16.600	CR
2C	1 A @ 28 VDC/200 mA @ 115 VAC	12	50	5	148-0166-00	16.750	PP
2C	1 A @ 28 VDC/200 mA @ 115 VAC	18	880	6	148-0107-00	12.450	CR
2C	2 A @ 30 VDC or 115 VAC	24	870	7	148-0135-00	19.550	CR
2C	2 A @ 28 VDC/400 mA @ 115 VAC	5	62	7	148-0148-00	3.450	CR
2C	7 A @ 125 or 250 VAC/3 A @ 30 VDC	12	160	9A	148-0118-00	3.650	CR
2C	10 A @ 125/250 VAC	6	40	9	148-0143-00	4.150	CR
2D	.3A @ 120 VAC/.1 A @ 48 VDC	5	55	13	148-0168-00	2.290	CR
2X	20 A @ 125/250 VAC	110	6300	12	148-0158-00	4.740	CR
2X	20 A @ 125/250 VAC	12	75	12	148-0156-00	5.100	CR
4A	4 A @ 250 V	130	5	1	148-0203-00	7.600	CR
4C	3 A @ 30 VDC	5	52	11	148-0105-00	15.280	CR
4C	2 A @ 30 VDC/600 mA @ 125 VAC	5	62.5	7	148-0163-00	4.750	CR



<sup>b</sup> For Relay, Armature (Purchased) Illustrations, see pullout in the back of this catalog.

<sup>c</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# NOT RECOMMENDED FOR NEW DESIGN

## RELAYS (cont)

### ARMATURE (PURCHASED) (cont)

Form <sup>a</sup>	Contact Rating Amp @ 28 VDC or 120/240 VAC	Coil		Part Number	Codes <sup>b</sup>	
		Volts (DC)	Ohms		Cost	ST
1X	25 A @ 125/230 VAC	115 VAC	290	148-0015-00		OB
1X	25 A @ 277 VAC/40 A @ 250 VAC(See Specification)	12	71	148-0144-00	3.800	CS
2C	3 A @ 28 VDC	12	160	148-0089-00	32.980	CS
2C	8.0 @ 28 VDC	6	80	148-0112-00		OB
6C	1 A @ 60 VDC/120 VAC	12	120	148-0119-00	15.350	CS

## DO NOT USE

## RELAYS

### ARMATURE (PURCHASED)

Form <sup>a</sup>	Contact Rating Amp @ 28 VDC or 120/240 VAC	Coil		Part Number	Codes <sup>b</sup>	
		Volts (DC)	Ohms		Cost	ST
2C	7 A @ 125 or 250 VAC/30 A @ 28 V	6	40	148-0121-00	4.700	CS

<sup>a</sup> Form A = Make Spatno



Form W = Double Break,  
Double Make,  
Contact on Arm



Form B = Break Spatno



Form X = Double Make  
Spatnodm



Form C = Break, Make  
(Transfer)



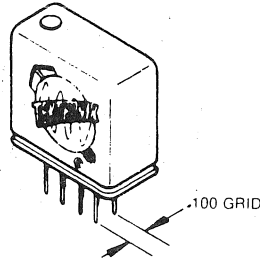
Form Y = Double Break  
Spstncdb



<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## RELAYS (cont)

### ARMATURE (TEK-MADE)



	Form	Operate Voltage (VDC) Nom	Coil Res (Ω)	Operate Time (mSec)	Max Pull In (VDC) @ +75°C	Max Drop Out (VDC) @ +75°C	Min Drop Out (VDC) @ +25°C	Part Number	Codes <sup>a</sup>	
									Cost	ST
<p>Contact Rating: High Level: 500 mA resistive at 30 VDC (Voc)</p> <p>Low Level: ≤ 10 mA resistive at ≤ 50 mV (Voc) DC or AC.</p> <p>Expected Life:</p> <p>High Level: 100,000 operations at 20 CPM maximum.</p> <p>Low Level: 1,000,000 operations at 3 Hz maximum.</p> <p>For further information on Tek-made relays, contact Switch &amp; Relay Engineering.</p>	DPDT	5.	65	5	4.5	2.7	.18	148-0080-00	6.044	CR
	SPDT	5.	130	5	4.8	3.	.5	148-0058-00	13.927	CS
	DPDT	12.	425	5	11.6	6.8	.5	148-0044-00	6.055	CR
	DPDT	15.	600	5	13.9	8.2	.6	148-0034-00	6.081	CR
	SPDT	15.	600	5	13.9	8.2	.6	148-0035-00	5.151	CR
	SPDT	15.	600	5	13.9	8.2	.6	148-0050-00	5.260	CR
	SPDT & ST (NC)	15.	600	5	13.9	8.2	.6	148-0054-00	6.316	CR
	SPDT & ST (NO)	15.	600	5	13.9	8.2	.6	148-0055-00	6.316	CR

## NOT RECOMMENDED FOR NEW DESIGN

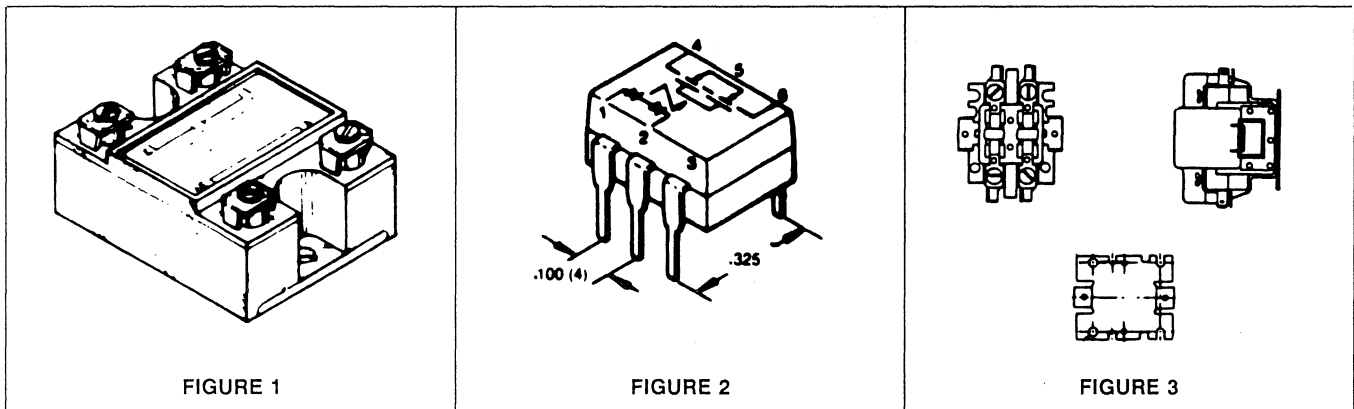
### ARMATURE (TEK-MADE)

	Form	Operate Voltage (VDC) Nom	Coil Res (Ω)	Operate Time (mSec)	Max Pull In (VDC) @ +75°C	Max Drop Out (VDC) @ +75°C	Min Drop Out (VDC) @ +25°C	Part Number	Codes <sup>a</sup>	
									Cost	ST
<p>Contact Rating: High Level: 500 mA resistive at 30 VDC (Voc)</p> <p>Low Level: ≤ 10 mA resistive at ≤ 50 mV (Voc) DC or AC.</p> <p>Expected Life:</p> <p>High Level: 100,000 operations at 20 CPM maximum.</p> <p>Low Level: 1,000,000 operations at 3 Hz maximum.</p> <p>For further information on Tek-made relays, contact Switch &amp; Relay Engineering.</p>	DPDT Latch	5.	65	10	4.5			148-0078-00		OB
	DPDT Latch	9.5	125	10	8.8			148-0059-00		OB
	DPDT Latch	9.5	125	10	8.8			148-0059-01		OB
	DPDT	15.	600	5	13.9	8.2	.6	148-0034-01	6.381	CS
	DPDT	15.	600	5	13.9	8.2	.6	148-0034-02		OB
	DPDT	15.	600	5	13.9	8.2	.6	148-0034-03	6.136	CS
	DPST	15.	600	5	13.9	8.2	.6	148-0063-00		OB
	DPDT	15.	1325	5	13.9	8.2	.8	148-0043-00	6.127	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## RELAYS (cont)

### SOLID STATE<sup>a</sup>



Form	Output Load Rating		Control Input	Figure	Part Number	Codes <sup>b</sup>	
	Volts	Amps				Cost	ST
SPST	250 AC	5.	3-28 VCD		148-1002-00	15.500	CS
SPST	240 AC	45.	3-32 VDC	1	148-1004-00 <sup>c</sup>	24.250	CR
SPST	250 AC	10.	1 VDC	1	148-1005-00	9.570	CS
SPST	250 AC	10.	9-18 VDC	1	148-1011-00	11.370	PP
SPST	±300 DC	.07	15 mA	2	148-1006-00	7.750	CS
SPST	240 AC	25.	90-280 VAC	1	148-1007-00	14.630	OT
2 Pole	110/120 AC	20	35-45 VAC	3	148-1013-00	10.150	CR
2 Pole	240 AC	25	24 VAC	3	148-0200-00	10.150	CR

<sup>a</sup> Solid State relays use power semiconductors for output switching including TRIAC, SCR's, BIPOLAR TRANSISTORS and FIELD EFFECT TRANSISTORS. For isolation between input and output, opto-isolators, transformers and reed relays (hybrids) are used. Relays using TRIAC's and SCR's are AC only (cannot be used for DC). All others are DC, unless otherwise specified. Attention to good thermal design is critical to the reliability of solid state relays because the output semiconductors generate much more heat than a mechanical contact.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>c</sup> Safety controlled.

# RELAYS (cont)


## REED

Form <sup>a</sup>	Maximum Switching Parameters			Min Breakdown (VDC)	Max Initial Contact (Ω)	Operating Specifications @ 25°C				Figure <sup>b</sup>	Part Number	Codes <sup>c</sup>	
						Coil Design (VDC)	Nom Coil (Ω)	Max Pull In (VDC)	Min Drop (VDC)			Cost	ST
	(mA)	(VDC)	(VA)										
1A	10	150	10	250	.150	5.	150	3.5	.5	19	148-5001-00 <sup>e</sup>	5.000	CR
1A	10	150	10	250	.150	5.	150	3.6	.5	19	148-5002-00 <sup>e</sup>		EN
1A	20	100	10	250	.150	5.	250	3.6	.5	13	148-0095-01	3.740	CR
1A	125	200	3	250	.200	4.5	230	3.6	1.	13	148-0095-00		NP
1A	200	30	3	200	.100	5.	150			19	148-5000-00 <sup>e</sup>	3.320	CR
1A	250	250	10	350	.150	5.	130	3.8	.5	2	148-0113-00	2.120	CR
1A	250	250	10	350	.150	5.	140	3.8	.5	3	148-0114-00	2.980	CR
1A	250	250	10	350	.150	5.	140	3.8	.5	3	148-0114-01 <sup>d</sup>	2.980	CR
1A	250	250	10	350	.150	5.	130	3.8	.5	4	148-0115-00	2.040	CR
1A	250	250	10	350	.150	5.	130	3.8	.5	1	148-0116-00	2.550	CR
1A	500		10	250	.200	4.5	220	3.6	1.	12	148-0094-01	3.522	CR
1A	500	100	10	250	.100	5.	200	4.	1.	5A	148-0103-00		OB
1A	500	150			.200	5.	150	3.6	.5	18	148-0196-00	4.063	CR
1A	500	150		500	.200	5.	150	3.6	.5	18	148-0197-00	4.450	CR
1A	500	150	10		.150	12.	900	9.	1.	17	148-0180-00	2.840	CR
1A	500	200	10	250	.200	4.5	220	3.6	1.	12	148-0094-00		NP
1A	500	200	10	300	.150	5.	575	4.	.5	8	148-0122-00	1.620	CR
1A	500	200	10	500	.200	5.	150	3.	.5	3	148-0169-00 <sup>d</sup>	2.050	CR
1A	500	20	10		.150	5.	400	3.8	.5	11	148-0126-00	1.290	CR
1A	500	250	10	350	.100	6.	290	4.5	.6	10	148-0124-00	1.390	CR
1A	500	250	10	350	.100	12.	966	9.	1.2	10	148-0125-00	1.530	CR
1A	500	500	10	1000	.150	5.	500	3.8	.5	5B	148-0146-00	3.460	CR
1A	500	1000	5	2000	.300	15.	2.2K	11.	1.	7	148-0141-00	4.250	CR
1A	1000	500	50		.050	24.	1800	18.	2.	15	148-0194-00	1.300	CR
1A	1000	500	50	1000	.100	5.	70	4.	.5	15	148-0120-00	2.480	CR
1A	1000	1500	50	500	.050	24.	1800	18.	2.	15	148-0171-00	2.530	CR
2A	250	200	10	300	.200	5.	250 Min	3.8	.5	14	148-0134-00	2.380	CR
2A	500	100	10	250	.100	5.	200	4.	1.	5	148-0102-00	4.820	CR
2A	500	250	10	350	.100	12.	380	9.	1.38	9	148-0123-00	3.660	CR
3A	500	200	10		.150	12.	2000	9.	1.	16	148-0195-00	2.820	CR
3A	1000	200	10		.150	12.	2000	9.	1.	16	148-0178-00	7.330	CR

# NOT RECOMMENDED FOR NEW DESIGN RELAYS

## REED

Form <sup>a</sup>	Maximum Switching Parameters			Min Breakdown (VDC)	Max Initial Contact (Ω)	Operating Specifications @ 25°C				Figure <sup>b</sup>	Part Number	Codes <sup>c</sup>	
						Coil Design (VDC)	Nom Coil (Ω)	Max Pull In (VDC)	Min Drop (VDC)			Cost	ST
	(mA)	(VDC)	(VA)										
1A	100	50	1	350	.150	5.	700	4.	.5	6	148-0117-00	4.420	CS
1A	500	500	10	2000	.150	15.	2.2 K	10.	1.	7	148-0110-00	3.860	CS

<sup>a</sup> Form A = Make Spatno. 

<sup>b</sup> See pullout marked Relays, Reed Illustrations at the back of this catalog.

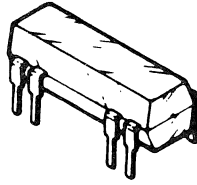
<sup>c</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>d</sup> Straight leads.

<sup>e</sup> Surface mountable.

# RELAYS (cont)

## REED DIP



Form <sup>a</sup>	Maximum Switching Parameters			Min Breakdown (VDC)	Max Initial Contact (Ω)	Operating Specifications @ 25°C				Figure	Part Number	Codes <sup>b</sup>	
						Coil Design (VDC)	Nom Coil (Ω)	Max Pull In (VDC)	Min Drop (VDC)			Cost	ST
	(mA)	(VDC)	(VA)										
A	110	28	3	200	.200	5.	500	3.8	1.	3	148-0064-00	2.410	CR
A	250	100	10	250	.150	5.	500	3.8	1.	4	148-0076-00	1.670	CR
1A	750	350	30		100 m	5.	140	3.8	.5	3	148-0167-00	4.590	CR
2A	110	28	3	200	.200	5.	200	3.8	1.	1	148-0079-00	2.590	CR
2A	110	28	3	200	.200	5.	200	3.8	1.	1	148-0079-02	5.430	CR
3A	250	150	1.5	250	.200	5.	350	3.8	1.	5	148-0150-00	9.540	CR
C	100	100	8	200	.200	5.	150	3.8	.5	2	148-0086-00	2.930	CR
C	100	100	8	200	.150	5.	150	3.8	.5	2	148-0086-02	2.390	CR

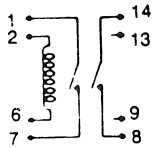


FIGURE 1

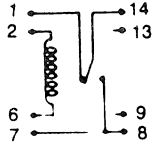


FIGURE 2

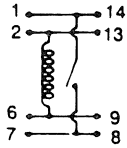


FIGURE 3

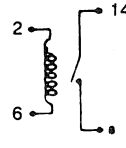


FIGURE 4

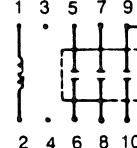


FIGURE 5

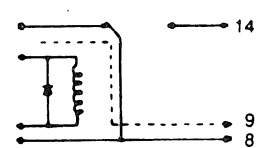


FIGURE 6

### RELAY, LATCHING (MICRO-STRIP)

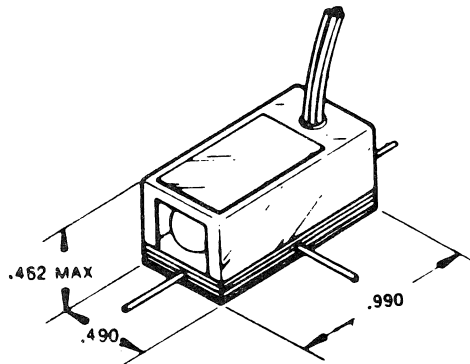
148-0132-00 COST:<sup>b</sup> 135.340 ST:<sup>b</sup> CR

1 Form C, SPDT

.990 x .490 x .462

148-0132-01 COST:<sup>b</sup> 138.959 ST:<sup>b</sup> CR

w/Connectors



<sup>a</sup> Form A = Make Spatno

Form C = Break, Make (Transfer).

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN**

**RELAYS (cont)**

**REED DIP (cont)**

Form <sup>a</sup>	Maximum Switching Parameters			Min Breakdown (VDC)	Max Initial Contact (Ω)	Operating Specifications @ 25°C				Part Number	Codes <sup>b</sup>	
	(mA)	(VDC)	(VA)			Coil Design (VDC)	Nom Coil (Ω)	Max Pull In (VDC)	Min Drop Out (VDC)		Cost	ST
C	100	100	8	200	.200	5.	150	3.8	.5	148-0086-01 <sup>c</sup>	6.070	CS
C	250	28	3	250	.200	5.	150	4.	.5	148-0096-00 <sup>d</sup>	4.310	CS

**DO NOT USE**

**REED DIP**

**MERCURY LOG CELL**

148-0142-00 ST:<sup>b</sup> DL  
1 Form A, SPST  
5 Volts Coil, .250 A Contacts

<sup>a</sup> Form A = Make Spatno

Form W = Double Break, Double Make, Contact on Arm

Form B = Break Spatno

Form X = Double Make Spatnodm

Form C = Break, Make (Transfer)

Form Y = Double Break Spstncdb

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>c</sup> See Figure 2 on page 3-8.

<sup>d</sup> See Figure 6 on page 3-8.

# TEK-MADE ELECTROMECHANICAL COMPONENTS<sup>a</sup>

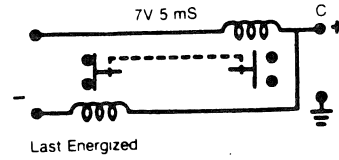
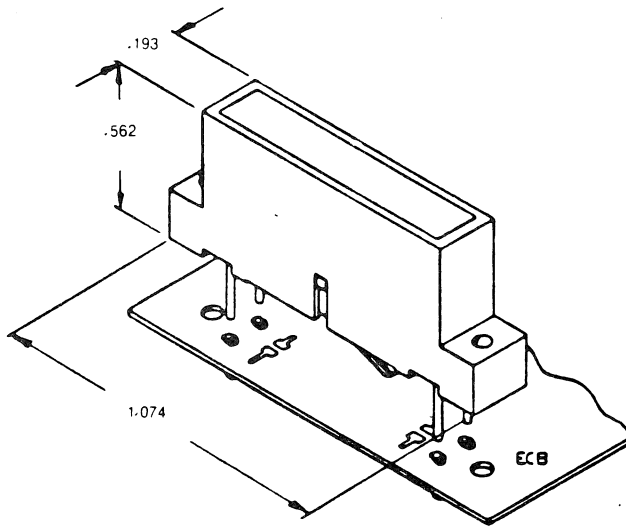


FIGURE A

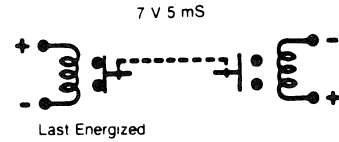
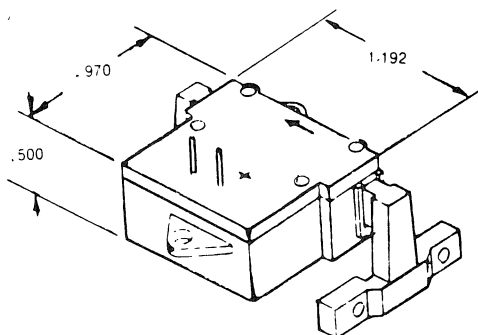


FIGURE B

## MAGNETIC LATCHING RELAY

Contact Rating 250 mA 30 V DC or AC  
250  $\mu$ A 250 V DC or AC  
Board Mounted

Part Number	Terminal Length	Operate Voltage (VDC) Nom	Coil Res ( $\Omega$ )	Operate Time (mSec)	Max Pull (VDC) @ 75°C	Schematic	Comments	Codes <sup>b</sup>	
								Cost	ST
148-0128-00	.100	7	54	6	6	Figure A	Internal Magnetic Parts Grounded Symmetrical Configuration Symmetrical Configuration	4.010	NP
148-0138-00	.400	7	54	6	6	Figure B			NP
148-0140-00	.300	7	54	6	6	Figure B			CR



## MAGNETIC LATCHING SOLENOID

Part Number	Operate Voltage (VDC) Nom	Coil Res ( $\Omega$ )	Stroke (Inches)	Operate Time (mSec)	Codes <sup>b</sup>	
					Cost	ST
119-1008-00	12	172	.100	20	17.585	CR
119-0883-00	15	300	.060	20	15.581	CR
119-0885-00	15	100	.060	20	16.742	CR
119-0885-01	15	100	.060	20		CR

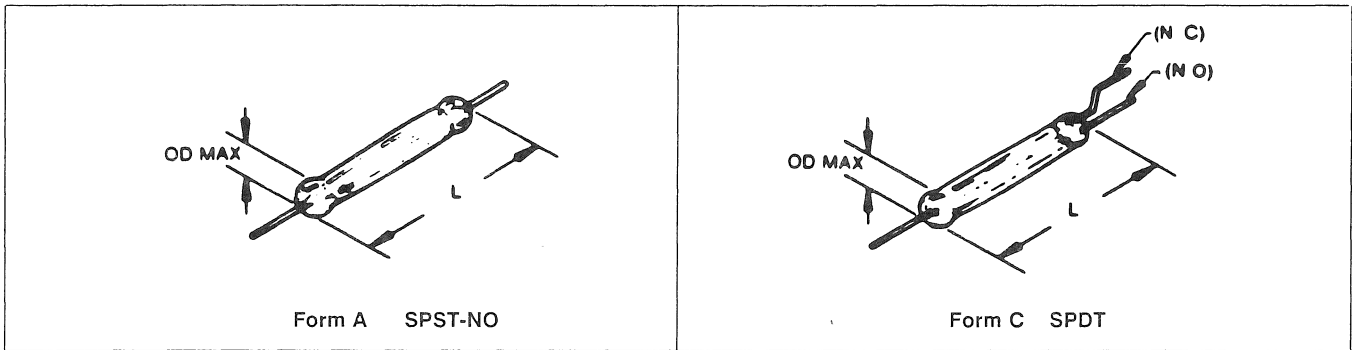
<sup>a</sup> These switches are custom design. Contact Vern Hearn, 627-4430, Electromechanical Design for availability and specifications.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



# SWITCHES

## REED



## DRY

Form <sup>a</sup>	Max Switching Parameters			Min Voltage Breakdown	Pull In (Amp Turns)	Glass Dimensions		Part Number	Codes <sup>b</sup>		General Information
	Voltage (DC)	Current (Amp)	VA			Maximum OD	Maximum Length		Cost	ST	
A	3500	3.000	50	5000 VDC	90 to 115	.210	2.100	260-1726-00	3.190	CR	.565 Long Leads
A	1500	3.000	100	1500 VRMS	60 to 75	.195	1.700	260-1304-00		NP	
A	500	.500	10	1000 VDC	32.5 to 47.5	.130	.800	260-0722-00	2.750	CR	.680 Long Leads
A	1000	1.000		650 VRMS	35 to 45	.130	.880	260-0722-02	1.940	CR	
A	300	.500	12	300 VDC	36 to 50	.096	.845	260-0877-02	.420	CR	.178 Long Leads
A	200	.500	10	400 VDC	32.5 to 47.5	.135	.800	260-0552-00	1.000	OT	
A	200	.500	10	300 VDC	15 to 50	.095	.787	260-1112-00	.580	CR	.726 Long Leads
A	100	.250	7	250 VRMS	20 to 30	.090	.560	260-1237-00	.429	CR	
A	100	.250	7	250 VRMS	30 to 45	.090	.560	260-1237-01	.429	CR	Armature End Marked
A	100	.250	7	250 VRMS	20 to 25	.090	.560	260-1237-02	.429	CR	.150 Long Leads
C	250	.500	10	1000 VDC	60 to 75	.218	1.562	260-1305-00	1.650	OT	
C	100	.250	3	250 VDC	32.5 to 47.5	.130	.610	260-0817-00	2.500	CR	
C	100	.250	3	250 VDC	32.5 to 47.5	.130	.610	260-0817-01	3.950	CR	.300 Long Leads
C	100	.125	3	200 VRMS	36 to 50	.135	.800	260-1647-00	4.650	CR	Short Lead, Common
C	28	.250	3	250 VDC	32.5 to 47.5	.130	.610	260-0721-00	2.700	CR	

## MERCURY WETTED

Form <sup>a</sup>	Max Switching Parameters			Min Voltage Breakdown	Pull In (Amp Turns)	Glass Dimensions		Part Number	Codes <sup>b</sup>		General Information
	Voltage (DC)	Current (Amp)	VA			Maximum OD	Maximum Length		Cost	ST	
A	1000	1.000	50	1500 VRMS	40 to 80	.125	.690	260-1137-00	2.950	CR	
A	1000	1.000	50	1500 VRMS	34 to 40	.125	.690	260-1137-01	1.330	CR	

Mercury wetted reed switches must be mounted within  $\pm 30^\circ$  vertical unless otherwise specified.

# NOT RECOMMENDED FOR NEW DESIGN

## DRY

Form <sup>a</sup>	Max Switching Parameters			Min Voltage Breakdown	Pull In (Amp Turns)	Glass Dimensions		Part Number	Codes <sup>b</sup>		General Information
	Voltage (DC)	Current (Amp)	VA			Maximum OD	Maximum Length		Cost	ST	
A	200	.500		300 VDC	36 to 50	.105	.845	260-0877-01	1.070	CR	
A	28	.125		200 VRMS	25 to 30	.106	.500	260-1002-00	4.500	CS	

<sup>a</sup> Form A = Make Spatno  Form C = Break, Make (Transfer) 

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# COIL, REED SWITCH COIL FORM EXAMPLES

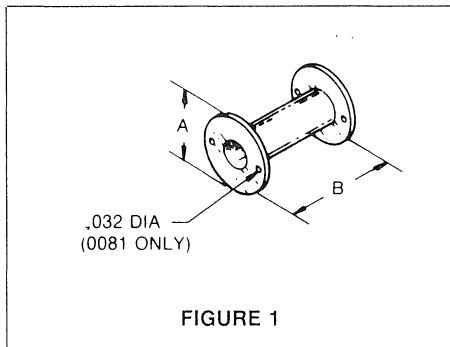


FIGURE 1

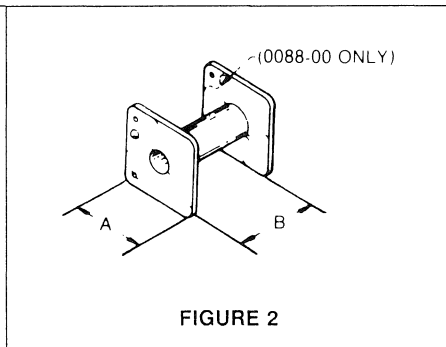


FIGURE 2

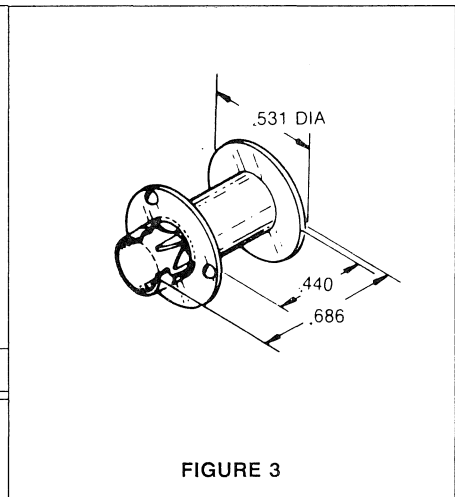


FIGURE 3

Part Number	A	B	ST <sup>a</sup>
276-0081-00	.300	.710	DL
276-0156-00	.400	.288	DL

Part Number	A	B	ST <sup>a</sup>
276-0088-00	.312	.562	DL
276-0114-00	.312	.325	DL
276-0137-00	.312	.425	DL

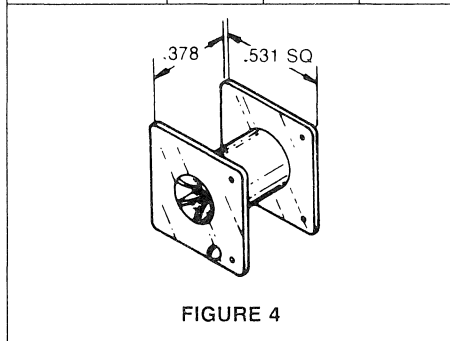


FIGURE 4

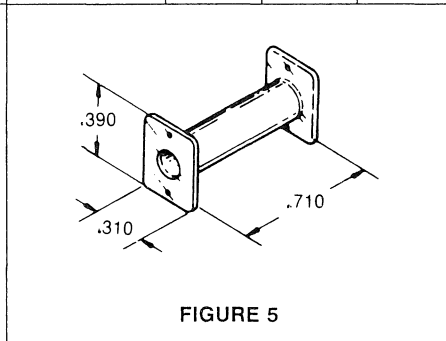


FIGURE 5

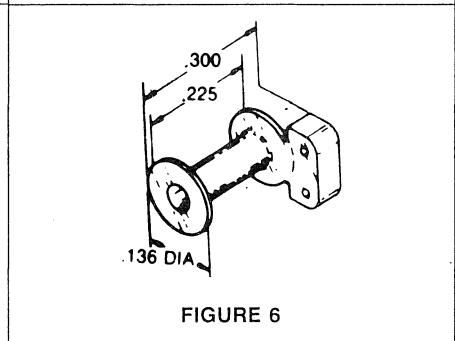


FIGURE 6

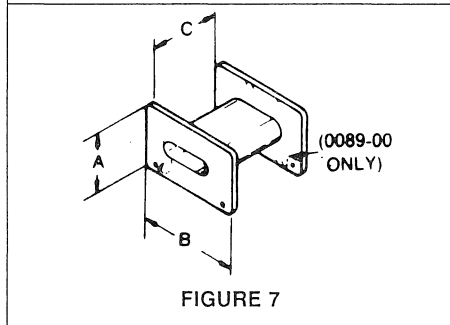


FIGURE 7

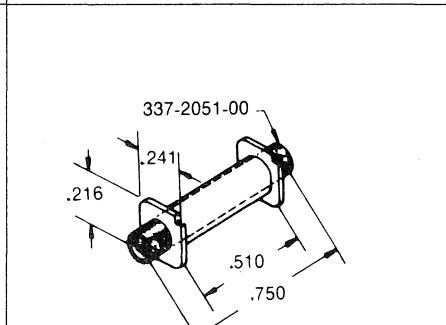


FIGURE 8

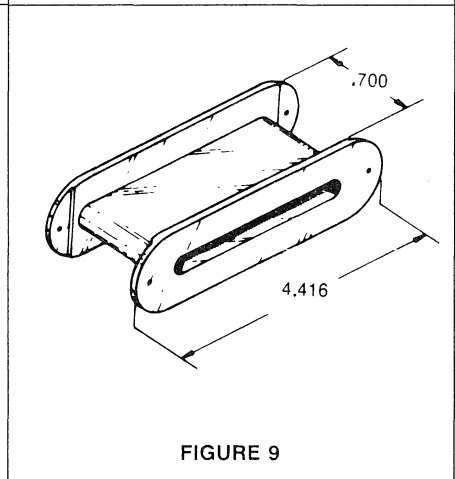


FIGURE 9

Part Number	A	B	C	ST <sup>a</sup>
276-0089-00	.625	.750	.562	DL
276-0113-00	.500	.891	.688	DL
276-0165-00	.655	1.175	.766	DL

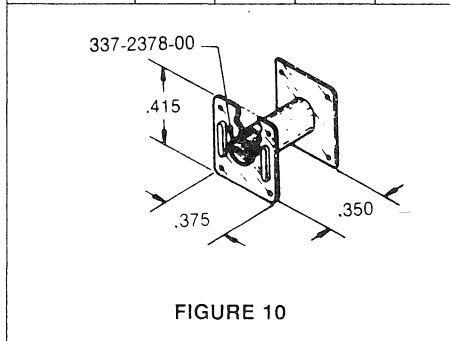


FIGURE 10

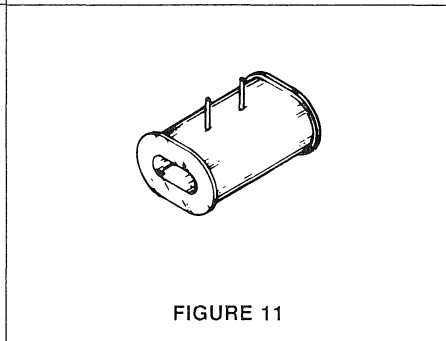


FIGURE 11

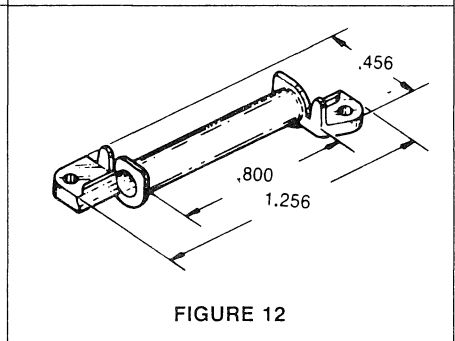


FIGURE 12

<sup>a</sup> For Status Codes, see tab marked CODES in the back of this catalog.

## COIL, REED SWITCH (cont)

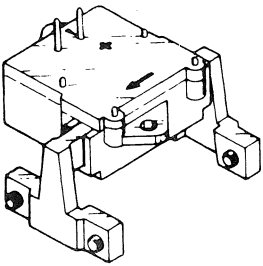
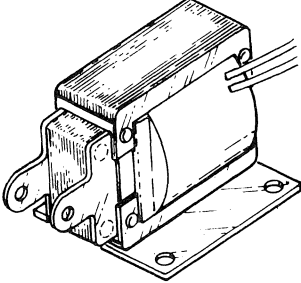
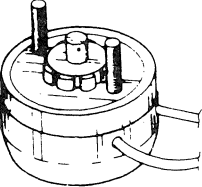
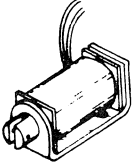
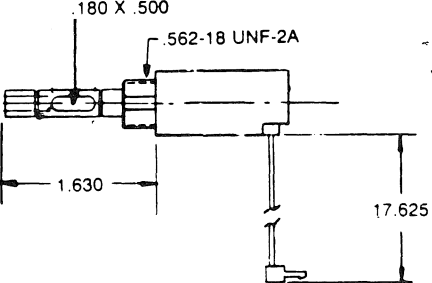
No. of Reed Switch Held	Nom. Volt (DC)	Nom. Amp (mA)	Amp Turns (VA)	Res ( $\Omega$ )	Wire Size AWG	No. Turns	Form ID	Form Overall Length	Form Part Number	Form Figure Number	Remarks	Part Number	Codes <sup>a</sup>	
													Cost	ST
1	4.0	16.0	51.0	245	41	3200	.140	.772	276-0081-00	1		108-0966-00		NP
1	4.6	26.4	63.6	145	39	2400	.105	.450	276-0220-00	10		108-0891-00	3.600	CR
1	4.6	43.0	69.5	106	30	1600	.105	.750	276-0664-00	8		108-0812-00	2.402	PP
1	4.6	43.0	69.5	106	30/41	1600	.105	.750	276-0664-00	8		108-0873-00	6.420	CR
1	4.8	38.4	77.0	125	40	2000	.140	.772	276-0162-00	5		108-0640-00	2.293	CR
1	5.0	38.5	70.0	130	40	1800	.140	.350	276-0156-00	1		108-0599-00	2.650	CR
1	5.0						.125	.750	276-0664-00	8		108-0791-00	2.680	CR
1	6.0	28.0	67.0	215	42	2400	.094	.375	276-0114-00	2		108-0431-00	2.381	CR
1	6.0	37.0	70.0	160	38	1900	.059 Min .184 Max	.438	276-0099-00	4	Int Holding Fins	108-0357-00	2.620	CR
1	6.0	48.0	96.0	125	40	2000	.140	.772	276-0162-00	5		108-0641-00	.425	CR
1	6.5	18.0	64.0	350	42	3600	.140	.772	276-0081-00	1		108-0355-00	2.510	CR
1	12.0	7.0	73.5	1700	42	10500	.145	.676	276-0088-00	2		108-0405-00	3.820	CR
1	12.0	13.2	67.0	910	42	5100	.059 Min .184 Max	.438	276-0099-00	4	Int Holding Fins	108-0358-00	2.380	CR
1	12.0	13.2	67.0	910	42	5100	.221	.438	276-0099-00	4	Int Fins Removed	108-0358-01	1.958	CR
1	12.0	20.0	146.0	600	39	7300	.226	1.450		11		108-0663-00	2.500	CR
2	11.5	20.0	100.0	580	40	5000	.145 x .285	.676	276-0089-00	7		108-0340-00	3.070	CR
2	12.0	28.0	166.0	433	37	6000	.226 x .450	1.450		11		108-0664-00	3.600	OT
4	20.0	25.6	128.0	780	40	5000	.132 x .527	.802	276-0113-00	7		108-0404-00	4.100	CR
5	25.0	20.7	155.0	1208	39	2500	.141 x .657	.880	276-0165-00	7		108-0615-00		OB

**NOT RECOMMENDED FOR NEW DESIGN**  
**COIL, REED SWITCH**

No. of Reed Switch Held	Nom. Volt (DC)	Nom. Amp (mA)	Amp Turns (VA)	Res ( $\Omega$ )	Wire Size AWG	No. Turns	Form ID	Form Overall Length	Form Part Number	Form Figure Number	Remarks	Part Number	Codes <sup>a</sup>	
													Cost	ST
1	4.0	32.0	64.0	125	40	2000	.140	.772	276-0081-00	1		108-0287-00	6.160	CS
1	4.5	37.0	75.6	121	41	2050	.110	1.256	276-0197-00	12		108-0741-00	5.000	CS
1	4.8	26.4	63.3	182	41	2400	.110	.475	276-0137-00	2		108-0645-00	4.260	CS
1	6.0	28.0	67.0	215	42	2400	.110	.475	276-0137-00	2		108-0499-00	5.450	CS
1	6.0	37.0	70.0	160	38	1900	.234	.438	276-0099-00	4	Int Fins Removed	108-0600-00	3.290	CS
1	12.0	12.0	72.0	1000	42	6000	.059 Min .184 Max	.686	276-0098-00	3	Int Holding Fins	108-0356-00		OB
1				540	43	880	.140 Max OD	1.314	276-0286-00	6		108-1143-00		DL
2				50			.140 Max OD	1.314	276-0777-00	6		108-1101-00		DL
11	22.0	73.0	183.0	300	36	2500	.135 x 1.380	.700	276-0076-00	9		108-0276-00	2.597	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# SOLENOIDS

 <p>FIGURE 1</p>		 <p>FIGURE 2</p>			
 <p>FIGURE 3</p>		 <p>FIGURE 4</p>		 <p>FIGURE 5</p>	
Part Number	Description	Figure	Codes <sup>a</sup>		
			Cost	ST	
119-0504-00	Special Stripper Plunger, 9.4 V	5	7.220	CR	
119-0626-00	Rotary	3	21.000	CS	
119-0883-00	Magnetic Latching	1 <sup>b</sup>	15.581	CR	
119-0885-00	Magnetic Latching	1 <sup>b</sup>	16.742	CR	
119-0885-01	Magnetic Latching	1 <sup>b</sup>	16.718	CR	
119-1008-00	Magnetic Latching	1 <sup>b</sup>	17.585	CR	
119-1062-01	120 V, 50 Hz, Pull Type with Connectors	2	12.570	CS	
119-1171-00	1.5 V, 3 W, 2 Amp, .820 L x .360 W	4	2.810	CR	
119-1171-01	1.5 V, 3 W, 2 Amp, .820 L x .360 W with Actuator and Spring Pin	4	4.574	CR	
119-1702-00	Special Pick Plunger, 12.6 Ω, 9 V	4	7.220	CR	

## NOT RECOMMENDED FOR NEW DESIGN SOLENOIDS

Part Number	Description	Figure	Codes <sup>a</sup>	
			Cost	ST
119-0881-00	Rotary	3	22.400	CS
119-0881-01	Rotary with Pins and Housing	3	30.854	CS
119-0995-00	1.500 V, 3W, 2 Amp, .820 L x .360 W		3.120	CS
119-1062-00	120 V, 50 Hz, Pull Type	2		NP

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> For additional information on these solenoids, see page 3-10.

# DELAY LINES

## DIP OR SIP

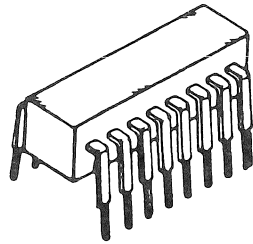


FIGURE 1

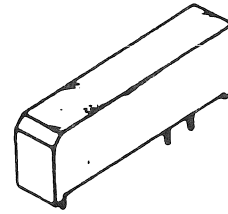


FIGURE 2

Part Number	Codes <sup>a</sup>		Package	Delays	Risetime	Figure	Impedance
	Cost	ST			Max		
119-0400-00	8.300	CR	14 Pin DIP	100 ± 10% nS, Tapped Every 10 ± 3% nS	20 nS	1	100 Ω
119-0500-00	5.300	CR	14 Pin DIP	20 nS, Tapped Every 5 nS	7 nS	1	100 Ω
119-0775-01	34.950	CR	24 Pin DIP	8 Separate 12.5 ± 5% nS Delay Lines	3.5 nS		100 Ω
119-0857-00	8.500	CR	16 Pin DIP	2 Separate Delay Lines, 5 nS & 7.5 ± 5% nS	3 nS	1	100 Ω
119-0982-00	9.000	CS	14 Pin DIP	200 nS ± 5%, 10 Taps	34 nS	1	100 Ω
119-1088-00	2.600	CR	3 Pin SIP	4 ± .5% nS	2 nS	2	100 Ω
119-1088-01	2.750	CR	3 Pin SIP	4 ± .5% nS	2 nS	1	100 Ω
119-1380-00	2.400	CR	7 Pin SIP	10 nS, 2 nS per Tap, 5 Taps	3.3 nS	2	100 Ω
119-1381-00	2.700	CR	7 Pin SIP	30 nS, 6 nS per Tap, 5 Taps	9 nS	2	100 Ω
119-1382-00	5.100	CR	10 Pin SIP	16 nS, 2 nS per Tap, 7 Taps	4 nS	2	85 Ω
119-1383-00	12.200	CS	14 Pin DIP	3 in 1 Pkg. (2) 6.5 ± .5 nS, (1) 7.5 ± .4 nS	4.5 nS	1	85 Ω
119-1407-00	2.500	CR	14 Pin DIP	100 nS ± 5 nS, 5 Taps, 20 nS per Tap	2.5 nS	1	TTL
119-1415-00	4.000	CR	14 Pin DIP	50 nS ± 5%, 5 nS ± 2 nS per Tap	8 nS	1	100 Ω
119-1416-00	4.000	CR	7 Pin SIP	5 nS ± 5 nS, 1 nS ± 3 nS per Tap	2 nS	2	100 Ω
119-1446-00	3.000	CR	14 Pin DIP	25 nS ± 2 nS, 5 Taps, 5 nS per Tap	2 nS	2	TTL
119-1448-00	3.400	CR	14 Pin DIP	200 nS ± 5%, 5 Taps, 40 nS per Tap	4 nS	1	TTL
119-1488-00	3.550	CR	3 Pin SIP	8 nS ± 10%	2.8 nS	2	100 Ω
119-1548-00	8.350	CR	14 Pin DIP	10 nS ± 10%, 1 ± .35 nS per Tap	3.5 nS	1	50 Ω
119-1623-00	7.450	CR	10 Pin SIP	8 nS, 7 Taps, 1 ± .35 nS per Tap	3.5 nS	2	85 Ω
119-1641-00	5.750	CR	14 Pin DIP	70 nS, 10 Taps, 7 ± 3 nS per Tap	17 nS	1	100 Ω
119-1649-00	10.500	CR	8 Pin DIP	125 nS ± 3.2 nS, 5 Taps, 25 nS per Tap	4 nS	1	TTL
119-1651-00	5.798	CR	4 Pin DIP	4 ± .5 nS		1	
119-1652-00	5.918	CR	4 Pin DIP	6.5 ± .5 nS		1	
119-1653-00	6.193	CR	4 Pin DIP	11.7 ± .5 nS		1	
119-1654-00	6.208	CR	4 Pin DIP	12.2 ± .5 nS		1	
119-1655-00	6.238	CR	4 Pin SIP	13.1 ± .5 nS		1	
119-1656-00	6.539	CR	4 Pin DIP	21.2 ± .5 nS		1	
119-1657-00	6.853	CR	4 Pin DIP	25.5 ± .5 nS		1	
119-1658-00	7.008	CR	4 Pin DIP	28.2 ± .5 nS		1	
119-1659-00	7.070	CR	4 Pin DIP	30. ± .5 nS		1	
119-1660-00	7.126	CR	4 Pin DIP	30.7 ± .5 nS		1	
119-1661-00	7.759	CR	4 Pin DIP	44.8 ± .5 nS		1	
119-1664-00	12.400	CR	24 Pin DIP	22 nS ± 5%	7.7 nS	1	200 Ω
119-1695-00	2.500	CR	14 Pin DIP	75 nS ± 4 nS, 5 Taps	4 nS	1	TTL
119-1804-00	3.130	CR	3 Pin SIP	10 ± .5 nS, 1 Tap	4.5 nS	2	100 Ω
119-1825-00	4.590	CR	14 Pin DIP	60 ± 2 nS, 5 Taps, 12 nS per Tap	8 nS	1	TTL
119-1857-00	6.600	CR	14 Pin DIP	35 nS ± 1.5 nS, 5 Taps, 7 nS per Tap	4 nS		TTL
119-1890-01		PP	16 Pin DIP	0 - 5 nS	.8 nS	2	100 Ω
119-1944-00		DL	14 Pin DIP	125 nS, 5 Taps, 25 nS per Tap	4 nS	2	TTL
119-2024-00	16.700	CR	16 Pin DIP	10 nS, Programmable	5 nS	1	
119-2030-00	7.500	CR	3 Pin SIP	2 ± .25 nS, Passive		2	50 Ω
119-2052-00	4.600	CR	14 Pin DIP	20 ± .1 nS	8 nS	2	TTL
119-2074-00	7.500	CR	3 Pin SIP	1 ± .25 nS, Passive		2	50 Ω
119-2075-01	21.846	CR	16 Pin DIP	0 - 2 nS	.3 nS	2	100 Ω
119-2116-00	7.200	CR	8 Pin Mini DIP	50 nS, 4 Taps	4 nS	2	TTL
119-2127-00	19.500	CR	8 Pin DIP	100 nS, 4 Taps	4 nS	2	TTL
119-2295-00	21.050	CR	24 Pin DIP	8 Sections Each 17.5 ± 5 nS	5 nS	1	62 Ω
119-2296-00	12.250	CR	24 Pin DIP	6 Sections Each 9.2 ± 5 nS	1.5 nS	1	62 Ω
119-2297-00	12.050	CR	24 Pin DIP	4 Sections Each 5.5/4.75 nS	1.5 nS	1	62 Ω
119-2299-00	3.850	CR	4 Pin SIP	18.5 ± 3 nS	2.5 nS	2	62 Ω
119-2426-00	9.300	CR	14 Pin DIP	3 Separate, 10 ± 1 nS	4 nS	2	TTL
119-2427-00	8.800	PP	14 Pin DIP	3 Separate, 15 ± 1 nS	4 nS	1	TTL
119-2428-00	9.600	PP	16 Pin DIP	21 nS, Programmable	4 nS	1	TTL
119-2619-00	5.500	CR	14 Pin DIP	50 nS, 5 Taps	4 nS	1	TTL
119-2962-00		EN	14 Pin DIP	50 nS, 5 Taps	2 nS	1	TTL

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN**  
**DELAY LINES**  
**DIP OR SIP**

Part Number	Codes <sup>a</sup>		Package	Delays	Risetime	Figure	Impedance
	Cost	ST			Max		
119-0775-00	12.500	CS	24 Pin DIP	8 Separate 10 ± 5% nS Delay Lines 200 nS, 20 nS per Tap, 10 Taps	3 nS	1	100 Ω
119-1332-00	8.350	CS	14 Pin DIP		40 nS	1	100 Ω

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.







## SECTION 4 TABLE OF CONTENTS

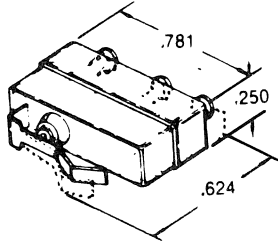
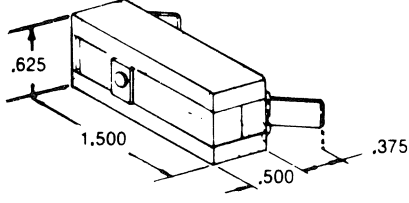
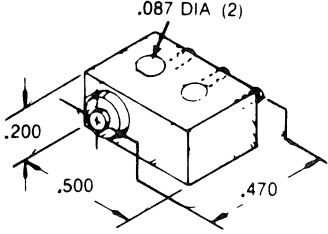
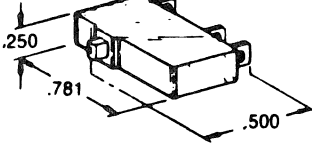
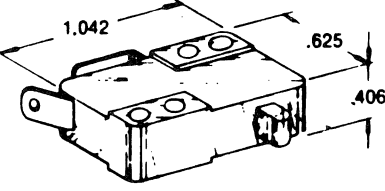
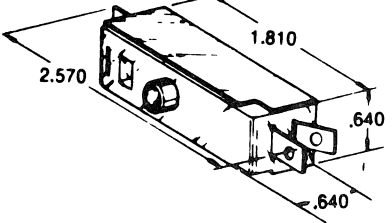
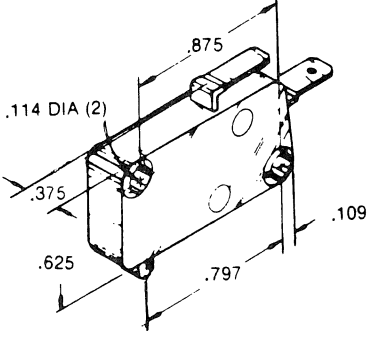
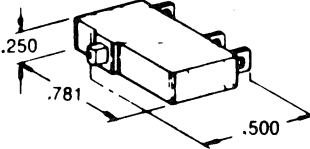
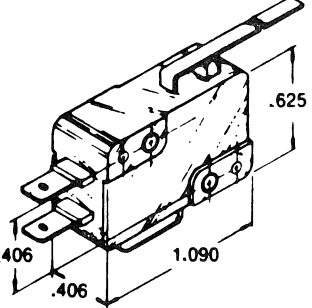
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4 BUTTON . . . . .	4-20 & 30
5 BUTTON . . . . .	4-22 & 31
6 BUTTON . . . . .	4-24 & 31
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**TEK CIRCUIT BOARD STANDARDS  
SWITCH MOUNTING (062-3762-00)  
TEK COMPONENT MOUNTING STANDARDS**

<b>062-1732-00</b>	
<b>062-1732-01</b>	<b>A Series</b>
<b>062-1732-02</b>	<b>B Series</b>
<b>062-1732-03</b>	<b>C Series</b>
<b>062-1732-04</b>	<b>D Series</b>
<b>062-1732-05</b>	<b>E Series</b>
<b>062-1732-06</b>	<b>F Series</b>
<b>062-1732-07</b>	<b>H Series</b>
<b>062-1732-08</b>	<b>M Series</b>

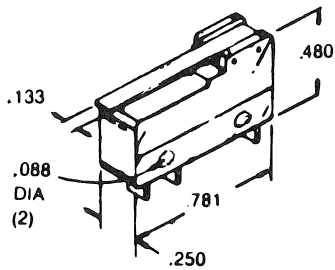
CATALOG WRITER: SANDRA PHILLIPS, 629-3030

# SENSITIVE (PRECISION)

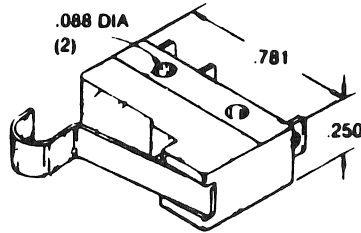
 <p>Operating Position</p> <p>SPDT, 4 A, 250 VAC 260-0516-00 Cost:<sup>a</sup> 3.150 ST:<sup>a</sup> CR ND:<sup>a</sup> N</p>	 <p>SPST, NC, 15 A 125 VAC 260-1180-00 ST:<sup>a</sup> OB ND:<sup>a</sup> N</p>	 <p>SPDT, 7 A, 230 VAC UL Listed 260-0612-00 Cost:<sup>a</sup> 4.688 ST:<sup>a</sup> CR</p> <p>SPDT, 7 A, 250 VAC 260-2117-00 Cost:<sup>a</sup> 4.350 ST:<sup>a</sup> CS ND:<sup>a</sup> A</p>
 <p>DPST, 10 A, 250 VAC 260-0975-00 Cost:<sup>a</sup> 3.630 ST:<sup>a</sup> CR</p> <p>SPDT, 10 A, 250 VAC 260-0760-00 Cost:<sup>a</sup> 1.279 ST:<sup>a</sup> CR ND:<sup>a</sup> A</p>	 <p>SPST, NO, 15 A, 125/250 VAC 260-1035-00 ST:<sup>a</sup> OB ND:<sup>a</sup> N</p>	 <p>SPDT, 15 A, 125 VAC 260-1181-00 Cost:<sup>a</sup> .720 ST:<sup>a</sup> CS ND:<sup>a</sup> N</p>
 <p>SPST, 15 A, 250 VAC 260-1368-01 Cost:<sup>a</sup> 1.330 ST:<sup>a</sup> CR ND:<sup>a</sup> A</p>	 <p>SPDT, .1 A, 125 VAC 260-1683-00 Cost:<sup>a</sup> 3.480 ST:<sup>a</sup> CS ND:<sup>a</sup> A</p>	 <p>SPDT, 3 A, 125 VAC 260-1439-00 Cost:<sup>a</sup> 2.160 ST:<sup>a</sup> CR w/Bent Lever - 260-1439-01 ST:<sup>a</sup> OB ND:<sup>a</sup> A</p>

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For ND and Status Codes, see tab marked CODES in the back of this catalog.

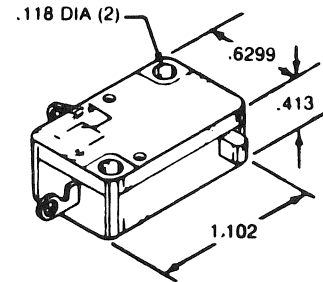
SENSITIVE (PRECISION) (cont)



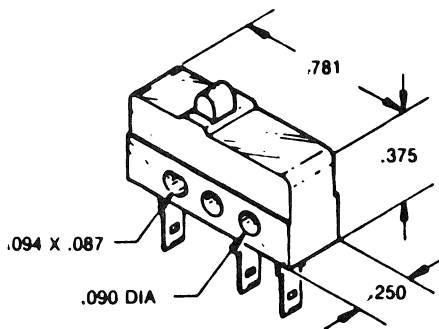
SPDT, .1 A, 125 VAC  
 260-1309-00 Cost:<sup>a</sup> 2.760 ST:<sup>a</sup> CR  
 260-1309-01 w/Bent Lever ST:<sup>a</sup> PP  
 260-1309-02 w/Bent Lever Cost:<sup>a</sup> 2.760 ST:<sup>a</sup> OT  
 260-1309-03 w/Quick Disconnect Terminals ST:<sup>a</sup> DL  
 260-1309-05 w/Actuator Cost:<sup>a</sup> 1.440 ST:<sup>a</sup> CS  
 260-2108-00 w/Bracket & Cable (See Spec)  
 Cost:<sup>a</sup> 8.499 ST:<sup>a</sup> CS  
 260-2108-02 w/Bracket & Cable (See Spec)  
 Cost:<sup>a</sup> 4.240 ST:<sup>a</sup> CS  
 ND:<sup>a</sup> A



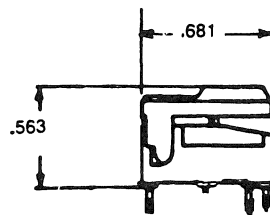
SPDT, NC, .1 A, 125 VAC  
 260-1748-00 Cost:<sup>a</sup> 1.303 ST:<sup>a</sup> CR  
 Circuit Board Terminal  
 260-2034-00 Cost:<sup>a</sup> 1.402 ST:<sup>a</sup> CS  
 ND:<sup>a</sup> A



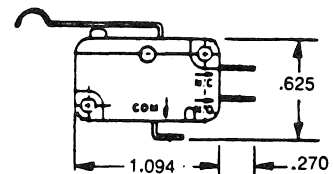
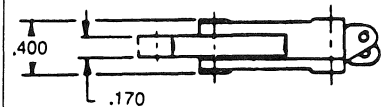
SPST, NO, 10 A, 250 V  
 260-1931-00<sup>b</sup> Cost:<sup>a</sup> 1.010 ST:<sup>a</sup> CR



DPDT, MOM, 5 A, 125 VAC  
 Connect Terminals  
 260-1518-00 Cost:<sup>a</sup> 1.550 ST:<sup>a</sup> CR



SPDT, Push-push, .01 A, 24 VDC  
 260-2163-00 Cost:<sup>a</sup> 2.650 ST:<sup>a</sup> CS  
 SPDT, Momentary, .01 A, 24 VDC  
 260-2240-00 Cost:<sup>a</sup> 2.130 ST:<sup>a</sup> CR

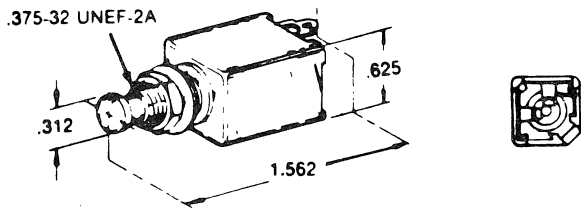
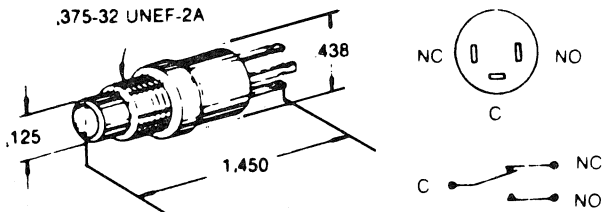
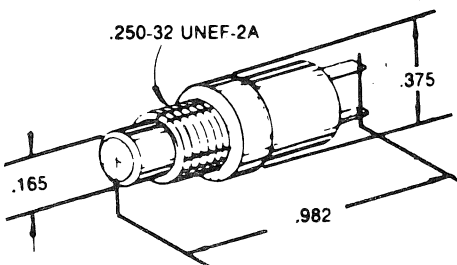
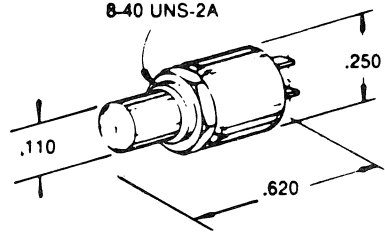
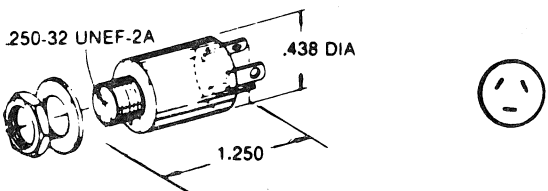
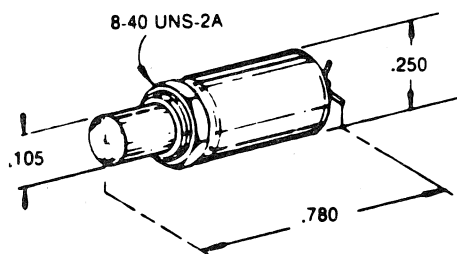
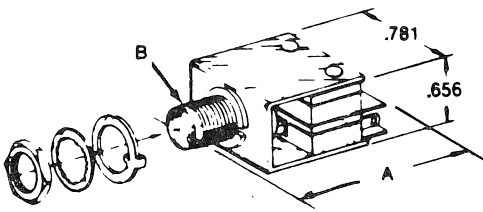
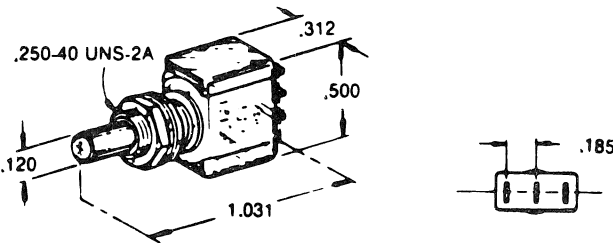


SPDT, Solder Lug Terminal,  
 .15 A, 125/250 VAC  
 260-1669-00 Cost:<sup>a</sup> 2.000 ST:<sup>a</sup> CR

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For ND & Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

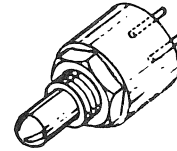
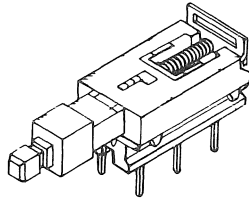
# NON-ILLUMINATED PUSH

 <p><b>.375-32 UNEF-2A</b></p> <p>SPST, MOM, NO, 1 A, 125 V RMS 60 Hz Black Plastic Actuator Button 260-0017-00 Cost:<sup>a</sup> 1.927 ST:<sup>a</sup> CS ND:<sup>a</sup> N</p>		 <p><b>.375-32 UNEF-2A</b></p> <p>SPDT, .25 A, 115 V RMS Black Actuator Button 260-0689-00 Cost:<sup>a</sup> 4.410 ST:<sup>a</sup> CR ND:<sup>a</sup> A</p>			
 <p><b>.250-32 UNEF-2A</b></p> <p>SPST, NO, 1 A, 115 VAC 260-0247-00 Cost:<sup>a</sup> 1.080 ST:<sup>a</sup> CR SPST, NC, 1 A, 115 VAC 260-0248-00 ST:<sup>a</sup> OB with Hardware Red Actuator Button ND:<sup>a</sup> A</p>		 <p><b>8-40 UNS-2A</b></p> <p>SPST, NO, .5 A, 115 VAC 260-0735-00 Cost:<sup>a</sup> 1.130 ST:<sup>a</sup> CR Red Actuator Button ND:<sup>a</sup> X</p>			
 <p><b>250-32 UNEF-2A</b></p> <p>SPDT, .25 A, 120 V RMS 260-0324-00 Cost:<sup>a</sup> 1.450 ST:<sup>a</sup> CS Red Actuator Button</p>		 <p><b>8-40 UNS-2A</b></p> <p>SPST, NC, .25 A, 115 VAC 260-1238-00 Cost:<sup>a</sup> 1.620 ST:<sup>a</sup> CR Black Actuator Button ND:<sup>a</sup> X</p>			
 <p><b>250-40 UNS-2A</b></p> <p>SPDT, 10 A, 250 VAC</p>		 <p><b>250-40 UNS-2A</b></p> <p>SPDT, MOM, 1 A, 115 VAC 260-1285-00 Cost:<sup>a</sup> 4.200 ST:<sup>a</sup> CR Red Actuator Button SPDT, MOM, .4 A, 20 VAC Brown Actuator Button 260-2129-00 Cost:<sup>a</sup> 1.420 ST:<sup>a</sup> OT SPDT, MOM, .4 A, 20 VAC Black Actuator Button 260-2151-00 Cost:<sup>a</sup> 1.460 ST:<sup>a</sup> CR ND:<sup>a</sup> P</p>			
Dim A	Dim B	Actuator Button	Part Number	Codes <sup>a</sup>	
				Cost	ST
1.469	.468-32 NS-2A	Char Gray	260-0976-00 <sup>b</sup>	17.070	CS
1.483	.469-32 NS-2A	Black	260-0574-00 <sup>b</sup>	7.640	CR
1.593	15/32-32 UNEF-2A	Gray	260-0574-01 <sup>b</sup>	10.836	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column or as COST. For ND and Status Codes, see tab marked CODES in the back of this catalog.

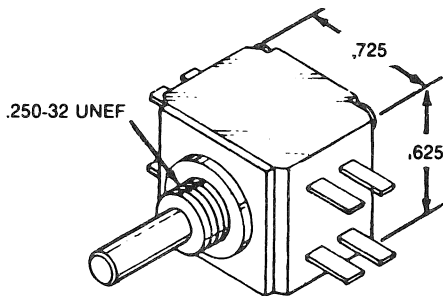
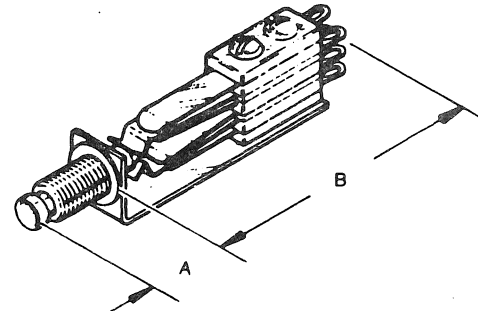
<sup>b</sup> Safety controlled.

## NON-ILLUMINATED PUSH (cont)



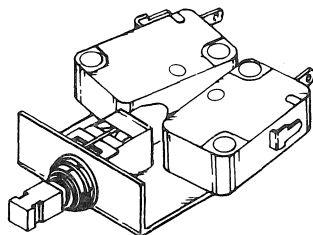
Amp	Volts	Description	Part Number	Codes <sup>a</sup>	
				Cost	ST
.01	30	DPDT, Solder Lug Terminal w/Bracket	260-2058-00 <sup>b</sup>	5.860	CS
.01	30	DPDT, Solder Lug Terminal w/Bracket	260-2058-01 <sup>b</sup>	3.510	CR
3	125	DPDT, Circuit Board Mount	260-1768-00	1.370	CS
4	250	DPDT, Circuit Board Mount	260-1849-00	1.660	CR
4	250	DPDT, Circuit Board (Bottom) Lug (Top)	260-1849-01	1.890	CS
4	250	DPDT, Solder Lug Terminal	260-1849-02	2.230	CR
4	250	DPST, Solder Lug Terminal	260-2047-00 <sup>b</sup>	2.280	CR
4	250	DPST, Solder Lug Terminal, Solder Eyelets	260-2047-01 <sup>b</sup>	2.510	CR
4	250	DPDT, Circuit Board Mount w/Cover	260-1849-03	1.747	CR
4	250	DPDT, Circuit Board Mt. & Solder Eyelets	260-1849-04		DL
4	250	DPDT, Circuit Board Mt & Solder Eyelets	260-1849-05 <sup>b</sup>	2.545	CS
4	250	DPDT, Solder Terminal w/Bracket	260-2120-00 <sup>b</sup>	1.940	CR
4	250	DPST, Circuit Board Mt w/Bracket	260-2132-00 <sup>b</sup>	2.220	CR
4	250	DPST, Circuit Board Mt w/Bracket	260-1849-07 <sup>b</sup>	1.410	CR
4	250	DPST, Solder Eyelets	260-2166-00 <sup>b</sup>	3.650	CR
4	250	DPST, Circuit Board Mt & Solder Eyelets	260-2309-00	4.130	CR
4	250	DPDT, Solder Lug Terminal	260-2196-00	3.920	CR
4	250	DPDT, Circuit Board Mt & Solder Eyelets	260-2214-00		DL
4	250	2P2T, Circuit Board Mt	260-2264-00	2.900	CR
5	250	DPST, Solder Eyelets	260-2202-00	4.150	CR
5	250	DPST, .125 Bottom Mount	260-2229-00	4.590	CR
5	250	DPST, .125 Bottom Mount	260-2259-00	2.620	CR

NO, .4 A, 20 V, .250 Dia, 8-40 Hex Nut  
Solder Lug Terminal 260-1766-00 Cost:<sup>a</sup> .540 ST:<sup>a</sup> CS

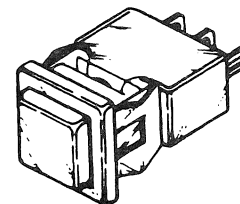


4PST, MOM, 2 Open, 2 Closed Contacts, .4 A, 28 Volts  
260-1923-01 Cost:<sup>a</sup> 3.680 ST:<sup>a</sup> CR No Threads, Shaft .078 Dia  
ND:<sup>a</sup> A

Logic	Contact Rating	Dim A	Dim B	Part Number	Codes <sup>a</sup>	
					Cost	ST
1 Form A, 2 Form C	1 A 120 VAC	.453	1.614	260-0971-00	3.340	OB
1 Form D	1 A 120 VAC	.453	1.594	260-0645-00		OB
2 Form C	1 A 120 VAC	.531	1.625	260-0688-00		CR
2 Form C, 1 Form B	1 A 120 VAC	.453	1.614	260-0774-00		OB



DPDT, Off-on, Alternate Action, 15 A, 125 Volts,  
Panel Mount 260-1709-00<sup>b</sup> Cost:<sup>a</sup> 3.720 ST:<sup>a</sup> CR  
ND:<sup>a</sup> A



SPDT Momentary, .4 VA, 20 Volts  
Solder Lug Terminal  
260-1970-00 Cost:<sup>a</sup> 1.460 ST:<sup>a</sup> CR

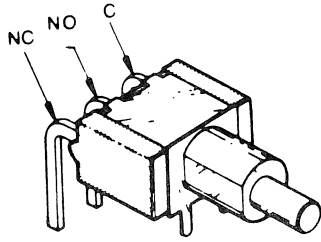
SPDT, MOM, .25 A, 125 Volts  
Panel Mount  
260-1988-00 Cost:<sup>a</sup> 4.930 ST:<sup>a</sup> CS

SPDT, Alternate Action .1A, 125 Volts  
Panel Mount  
260-2305-00 Cost:<sup>a</sup> 5.950 ST:<sup>a</sup> PP

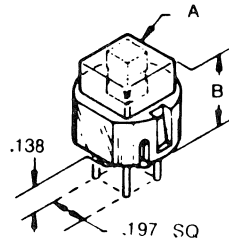
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column or as COST. For ND and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

NON-ILLUMINATED PUSH (cont)

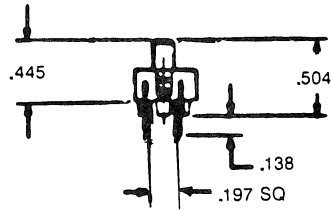
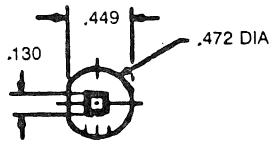


SPDT, .4 VA, 20 V  
Circuit Board Mount 260-1962-00 ST:<sup>a</sup> NP

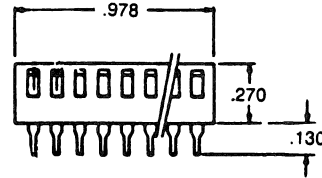


SPST, NO, 10 mA, 35 VDC, Black

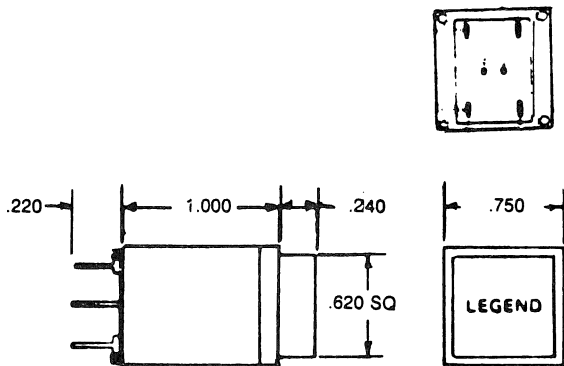
A Dim.	B Dim.	Part Number	Codes <sup>a</sup>	
			Cost	ST
.303 Sq	.386	260-2072-00	.306	CR
.130 Sq	.445	260-2072-01	1.210	CS



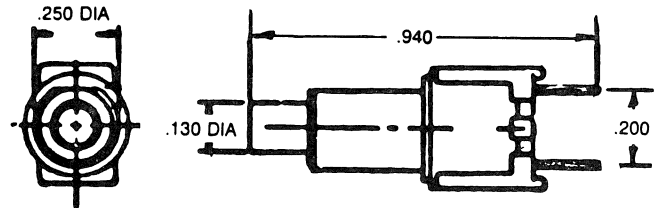
SPST, MOM, 10 mA, 35 VDC  
260-2359-00 Cost:<sup>a</sup> .240 ST:<sup>a</sup> PP



.4 VA, 20 VDC, 9 Button, 9 Poles  
Low Profile DIP 260-2375-00 Cost:<sup>a</sup> 2.070 ST:<sup>a</sup> PP



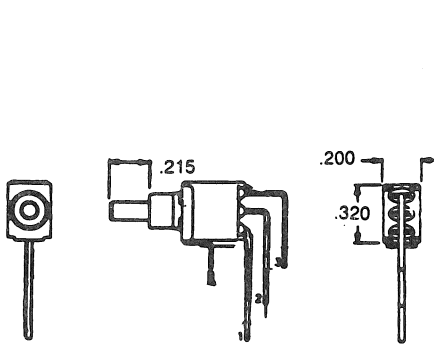
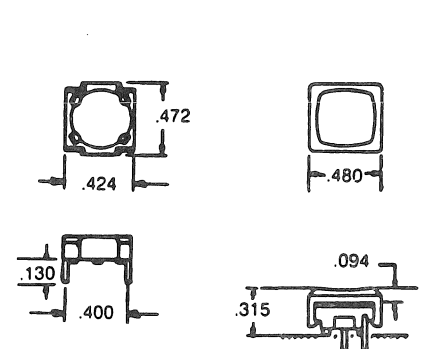
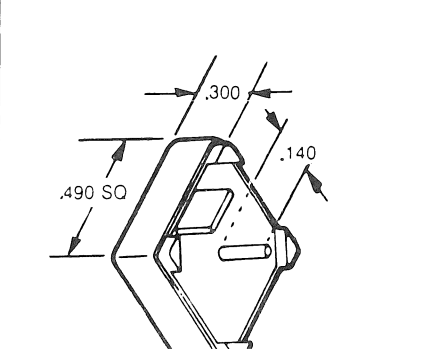
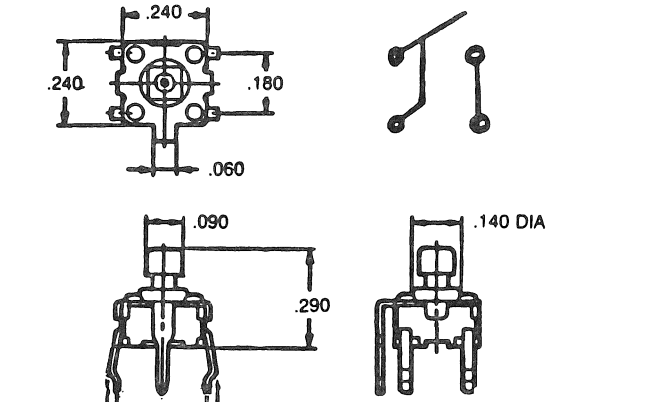
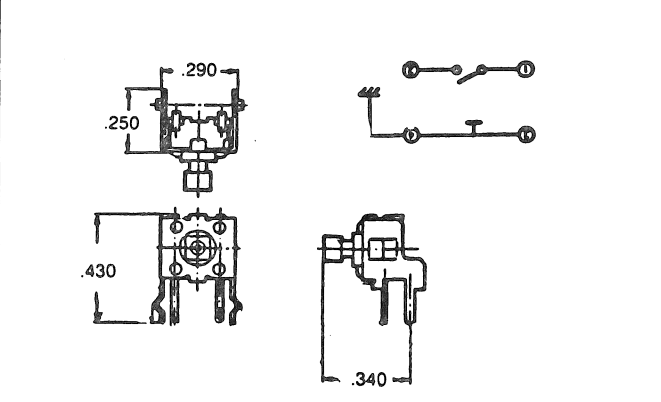
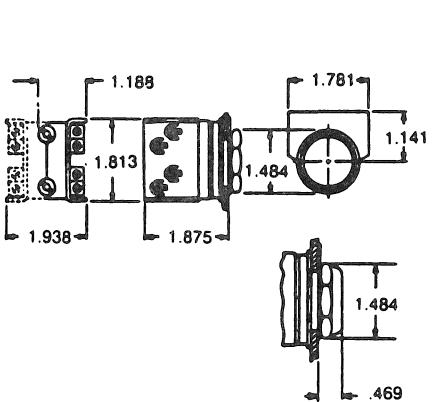
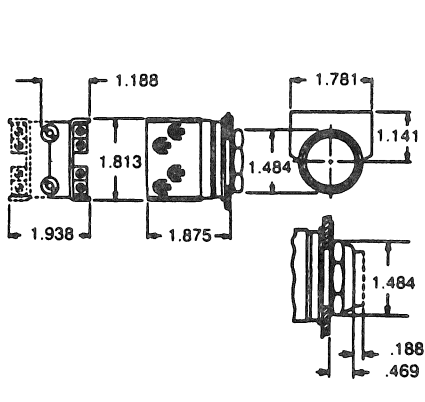
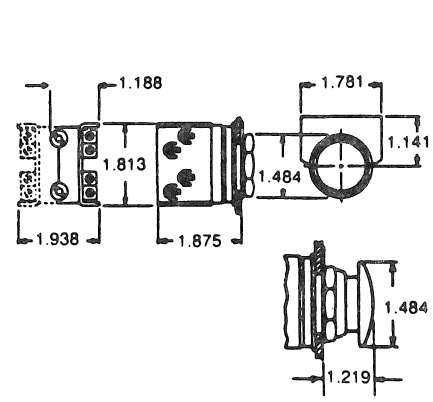
Alternate DPST, .25 A, 30 VDC  
Circuit Board Mount 260-2299-00 Cost:<sup>a</sup> 6.580 ST:<sup>a</sup> CR



.4 VA, 20 VDC/AC, SPST, MOM  
Circuit Board Mount 260-2314-00 Cost:<sup>a</sup> 2.100 ST:<sup>a</sup> CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

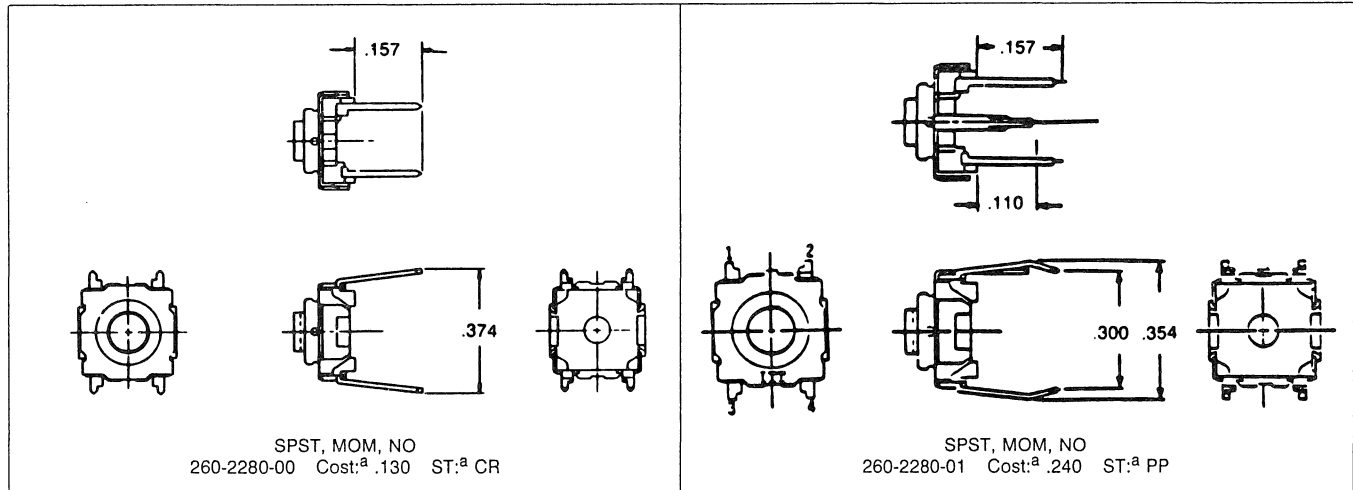
NON-ILLUMINATED PUSH (cont)

 <p>.4 VA, 20 VDC/AC SPDT Circuit Board Mount 260-2256-00 Cost:<sup>a</sup> 3.150 ST:<sup>a</sup> PP</p>	 <p>10 mA, 30 VAC SPST, MOM 260-2331-00 Cost:<sup>a</sup> .490 ST:<sup>a</sup> CR</p>	 <p>100 mA, 5 VDC SPST, MOM, NO 260-2386-00 ST:<sup>a</sup> EN</p>
 <p>25 mA, 15 VAC 50 mA, 24 VDC SPST, MOM 260-2300-00 Cost:<sup>a</sup> .120 ST:<sup>a</sup> CR</p>	 <p>25 mA, 15 VAC 50 mA, 24 VDC SPST, MOM, Right Angle 260-2301-00 Cost:<sup>a</sup> .116 ST:<sup>a</sup> CR</p>	
 <p>5 A, 125 V Flush Head (Black) 260-2226-00<sup>D</sup> Cost:<sup>a</sup> 15.370 ST:<sup>a</sup> CR</p>	 <p>5 A, 125 V Extended Head (Red) 260-2227-00<sup>D</sup> Cost:<sup>a</sup> 16.050 ST:<sup>a</sup> CR</p>	 <p>5 A, 125 V Mushroom Head (Red) 260-2036-00<sup>D</sup> Cost:<sup>a</sup> 25.310 ST:<sup>a</sup> CR</p>

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## NON-ILLUMINATED PUSH (cont)



## NON-ILLUMINATED PUSH (cont)

NOT ILLUSTRATED

Amps	VAC	Description	Part Number	Codes <sup>a</sup>	
				Cost	ST
.01 .04 .01	100 25 30 VDC	DPDT, German Type, Yellow Indicator 3 Gang on 15mm Centers	260-2184-00	10.940	CR
.01 .04 .01	100 25 30 VDC	DPDT, German Type, Orange Indicator	260-2186-00	1.680	CR
.01 .04 .01	100 25 30 VDC	DPDT, German Type, Green Indicator	260-2187-00	1.860	CR
.01 .04 .01	100 25 30 VDC	DPDT, German Type, Yellow Indicator	260-2188-00	.890	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column or as COST. For Status Codes, see tab marked CODES in the back of this catalog.



ILLUMINATED PUSH

**.375-32 UNEF-2A**

Dimensions: .303, .500, 1.620

Electrical Schematic: 2 4, 1 3

SPST, NO, Double Break, .1 A, 125 VAC, Integral Lamp: AS-10, Transparent Red Push Button  
 260-0518-00 ST:<sup>a</sup> OB  
 ND:<sup>a</sup> N

w/Lamp Socket

SPDT, MOM, 2 A, 115 VAC, Approx. 1.360 Long, 260-1696-00 ST:<sup>a</sup> OB  
 SPDT, MOM, 2 A, 115 VAC, Approx. 1.980 Long, 260-1697-00 ST:<sup>a</sup> NP  
 SPDT, MOM, 2 A, 115 VAC, Approx. 2.050 Long, 260-1698-00 ST:<sup>a</sup> OB  
 2PDT, Alternate Action, 2 A, 115 VAC, Approx. 2.050 Long  
 260-1699-00 ST:<sup>a</sup> OB  
 ND:<sup>a</sup> N

**.500-32 UN-2A**

Dimensions: .340, .562, 2.230

Electrical Schematic: 4 NO, 5 NC; 4 1, 5 2, 3

SPDT, 5 A, 125 VAC w/Separate Lamp Circuit, T-1 3/4 Lamp White Push Button  
 260-0864-00 ST:<sup>a</sup> OB  
 ND:<sup>a</sup> N

**.375-32 UNEF-2A**

Dimensions: .306, .500, 1.593

Electrical Schematic: 2 3, 1 4; 1 3 2 4

SPST, NO, .1 A, 100 VAC, Isolated Lamp Circuit w/ Incandescent Bulb  
 260-0717-00 ST:<sup>a</sup> OB  
 ND:<sup>a</sup> N

**.375-32 UNEF-2A**

Dimensions: .500, 1.630

Electrical Schematic: 3 5, 2 6; 3 6 2 5

SPST, MOM, NO, Double Make, .1 A 125 VAC or 30 VDC Lamp Type 382 Translucent Red Push Button  
 260-1323-00 Cost:<sup>a</sup> 8.250 ST:<sup>a</sup> OT  
 ND:<sup>a</sup> N

Dimensions: 1.010, .905, 2.380

Electrical Schematic: C NC, 1 2 3 NO

DPDT, MOM, 5 A, 115 VAC, 60 Hz, Integral Lamp T-2 Neon  
 260-0919-00<sup>b</sup> Cost:<sup>a</sup> 25.680 ST:<sup>a</sup> CS  
 ND:<sup>a</sup> N

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For ND and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

ILLUMINATED PUSH (cont)

2PDT Alternate Action, 1.5 A Inductive, 3 A Resistive, 1.0 A Lamp Load  
260-0843-00 ST:<sup>a</sup> DL  
ND:<sup>a</sup> N

SPDT, 2 A, 125 VAC  
w/Independent Lamp Circuit, Translucent Aviation Red  
260-0581-00 Cost:<sup>a</sup> 18.450 ST:<sup>a</sup> LS  
ND:<sup>a</sup> N

SPST, .1 A, 115 V  
Lamp Current .1 A, 115 VAC  
260-0779-00 Cost:<sup>a</sup> 4.800 ST:<sup>a</sup> CS  
ND:<sup>a</sup> N

DPST, MOM, T-1 3/4, .25 A, 125 V, Circuit Board Mount  
w/o Button Cost:<sup>a</sup> 2.420 ST:<sup>a</sup> CS  
ND:<sup>a</sup> A

366-1792-00

2PST, NO, 10 A, 250 VAC  
Accepts One T- 1 3/4 Wedge Base Lamp, Black Bezel  
Solder or Quick Connect Terminal  
260-1957-00 Cost:<sup>a</sup> 9.100 ST:<sup>a</sup> CS  
260-1958-00 ST:<sup>a</sup> DL  
SPST, Green LED & Smoke Tan Pushbutton  
Solder or Quick Connect Terminal  
260-2235-00 Cost:<sup>a</sup> 7.540 ST:<sup>a</sup> CR

SPST, NO, .25 A, 30 VDC  
Black Body & Pushbutton  
260-2041-01 Cost:<sup>a</sup> 1.730 ST:<sup>a</sup> CR  
ND:<sup>a</sup> A

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For ND and Status Codes, see tab marked CODES in the back of this catalog.

## ILLUMINATED PUSH (cont)

<p>10 A, 600 VAC/250 VDC 260-2339-00<sup>b</sup> Cost:<sup>a</sup> 55.280 ST:<sup>a</sup> CR 2 Independent Buttons w/Center Indicating Light Black: ON, Red: OFF, White: PILOT</p>	<p>.5 A, 120 VAC/VDC 260-2340-00<sup>b</sup> Cost:<sup>a</sup> 49.676 ST:<sup>a</sup> CR 2 Independent Buttons w/Center Indicating Light Black: ON, Red: OFF, White: PILOT</p>
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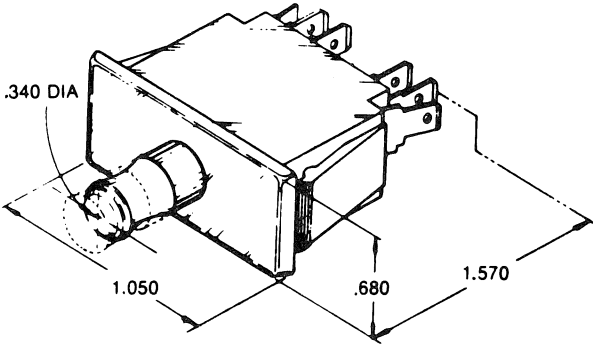
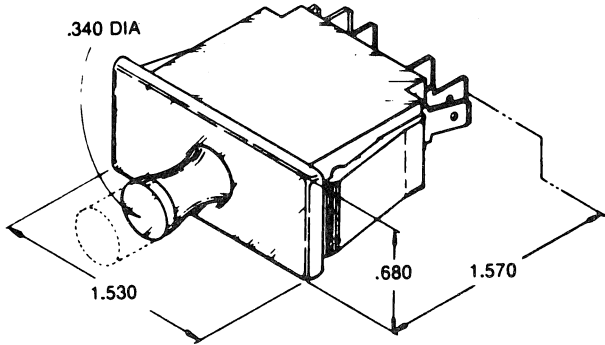
.1 A, 125 VAC/VDC, SPDT  
White Pushbutton, 260-2355-00 Cost:<sup>a</sup> 7.500 ST:<sup>a</sup> PP  
Accepts One T 1-3/4 Wedge Base Lamp, Incandescent

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

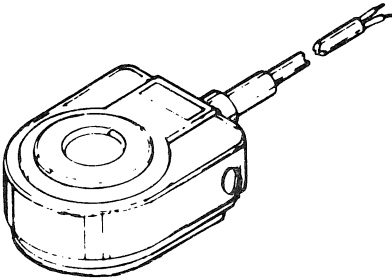
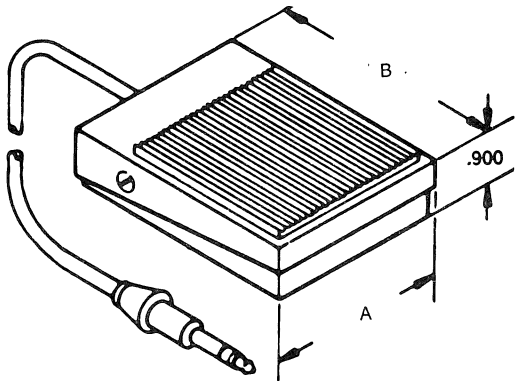
<sup>b</sup> Safety controlled.

SWITCHES, PUSH

PUSH-PULL

 <p>DPDT w/Interlock, 10 A, 125/250 VAC White Actuator Button 260-1497-00<sup>b</sup> Cost:<sup>a</sup> 1.650 ST:<sup>a</sup> CR ND:<sup>a</sup> A</p> <p>DPDT, 4 A, 20 VDC, MOM White Actuator Button 260-2124-00 Cost:<sup>a</sup> 6.800 ST:<sup>a</sup> CR</p>	 <p>DPDT, Snap-in Panel Mount 10 A, 125/250 VAC, 60 Hz Black Actuator Button 260-1222-00 Cost:<sup>a</sup> 1.550 ST:<sup>a</sup> CR ND:<sup>a</sup> N</p>
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FOOT

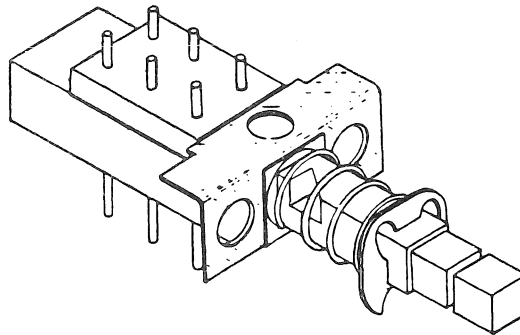
 <p>SPST, 10 A, 125 V 6 Feet, 16/3 Cable Steel, Black Finish 260-1872-00 Cost:<sup>a</sup> 14.390 ST:<sup>a</sup> CR 260-1872-01 Cost:<sup>a</sup> 32.742 ST:<sup>a</sup> CR ND:<sup>a</sup> A</p>	 <p>6 Feet ± 3 Inches 260-1189-01 Cost:<sup>a</sup> 8.780 ST:<sup>a</sup> CR Dim A: 2.800 Dim B: .900</p> <p>8 Feet ± 3 Inches 260-1189-02 Cost:<sup>a</sup> 8.780 ST:<sup>a</sup> CR Dim A: 2.625 Dim B: 1.000</p>
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<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status and ND Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## 1 BUTTON

**Pole Code**  
 0 = Clearing Module  
 1 = 1 Pole  
 2 = 2 Pole  
 4 = 4 Pole  
 6 = 6 Pole  
 8 = 8 Pole



**Latch Code**  
 IL = Interlock  
 PP = Push-push  
 M = Momentary  
 R = Release

Pole Code	Latch Code	Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
		Top	Bottom				Cost	ST	
2	M	.040	.236	Phenolic	No	260-1503-01		NP	
2	M	.040	.236	Phenolic	No	260-1503-02	.380	CR	
2	M	.040	.394	Phenolic	No	260-1421-01	.570	CR	
2	M	.040	.587	Phenolic	No	260-1742-01	.440	CR	No Frame
2	M	.079	.236	Phenolic	.115	260-1665-00	.811	CS	
2	M	.079	.315	Diallyl	No	260-1573-01	.650	CR	No Frame
2	M	.079	.315	Diallyl	No	260-1686-00	.860	CR	
2	M	.079	.394	Phenolic	No	260-1421-00	.370	CR	
2	M	.079	.394	Phenolic	No	260-1554-00	.522	CR	
2	M	.079	.472	Phenolic	No	260-1994-00	.620	CR	
2	M	.236	.315	Phenolic	No	260-2361-00		EN	
2	PP	.040	.315	Diallyl	No	260-1453-02	.780	CR	No Frame
2	PP	.040	.472	Phenolic	No	260-1713-01	.700	CR	
2	PP	.040	.542	Phenolic	No	260-1623-01	.810	CR	No Frame
2	PP	.040	.542	Phenolic	No	260-1743-01	.710	CR	No Frame
2	PP	.040	.650	Diallyl	No	260-1952-00 <sup>b</sup>	.750	CR	
2	PP	.079	.156	Phenolic	No	260-1132-02	.350	CR	
2	PP	.079	.157	Diallyl	No	260-1132-04	.650	CR	
2	PP	.079	.157	Phenolic	No	260-1224-00	.480	CR	
2	PP	.079	.157	Phenolic	.094	260-1500-01	.690	CR	
2	PP	.079	.236	Diallyl	No	260-1445-00	.460	CR	
2	PP	.079	.236	Diallyl	No	260-1445-02	.830	CR	
2	PP	.079	.236	Phenolic	.115	260-1666-00	1.180	CR	
2	PP	.079	.236	Phenolic	No	260-1771-00	.390	CR	
2	PP	.079	.315	Phenolic	No	260-1453-00	.640	CR	
2	PP	.079	.394	Phenolic	No	260-1208-00	.410	CR	
2	PP	.079	.472	Phenolic	No	260-1211-00	.430	CR	
2	PP	.079	.472	Phenolic	No	260-1445-01	.710	CS	
2	PP	.079	.480	Phenolic	No	260-1445-03		DL	w/Mounting Ears
2	PP	.079	.650	Phenolic	No	260-2018-00	.470	CR	
2	PP	.236	.079	Phenolic	No	260-1333-00	.710	CR	
2	PP	.236	.236	Phenolic	No	260-1236-00	.760	CS	
4	M	.079	.394	Diallyl	No	260-1310-00	1.510	CR	
4	M	.079	.394	Phenolic	No	260-1310-01	.580	CR	
4	M	.236	.040	Phenolic	No	260-1223-00	.630	CR	
4	PP	.040	.236	Diallyl	No	260-1953-01	.710	CR	
4	PP	.040	.650	Diallyl	No	260-1996-00	.880	CR	
4	PP	.079	.236	Phenolic	No	260-1486-00	1.100	CR	
4	PP	.079	.472	Phenolic	No	260-1209-00	.490	CR	
4	PP	.236	.079	Phenolic	No	260-1332-00	1.360	CR	
6	PP	.079	.315	Phenolic	No	260-1361-00	.500	CR	
6	PP	.079	.394	Phenolic	No	260-1504-01	.970	CR	
6	PP	.079	.472	Phenolic	No	260-1363-00	.550	CR	

Tektronix will no longer buy pushbutton switches from Grigsby Mfg. (The part numbers have been removed from this catalog.) These switches are NOT direct replacements, in most cases, and will require a spacer change. Contact Vern Hearn, 627-4430, Electromechanical Design for availability and specifications.

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled

## NOT RECOMMENDED FOR NEW DESIGN

### 1 BUTTON (cont)

Pole Code	Latch Code	Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
		Top	Bottom				Cost	ST	
1	PP					260-1739-00	3.750	CS	No Frame
2	M	.079	.157	Phenolic	No	260-1308-00	.350	CS	
2	M	.236	.236	Phenolic	.125	260-1530-01		OB	
2	PP	.236	.236	Diallyl	No	260-1851-01	.770	CS	
4	M	.078	.156	Diallyl	No	260-1792-01		OB	
4	M	.079	.157	Diallyl	No	260-1492-00	20.000	CS	
4	M	.079	.472	Phenolic	No	260-1767-00	.410	CS	
4	PP	.040	.156	Phenolic	No	260-1716-01		DL	
4	PP	.079	.157	Diallyl	No	260-1314-00	.500	CR	

Tektronix will no longer buy pushbutton switches from Grigsby Mfg. (The part numbers have been removed from this catalog.) These switches are NOT direct replacements, in most cases, and will require a spacer change. These switches are custom design. Contact Vern Hearn, 627-4430, Electromechanical Design for availability and specifications.

## DO NOT USE

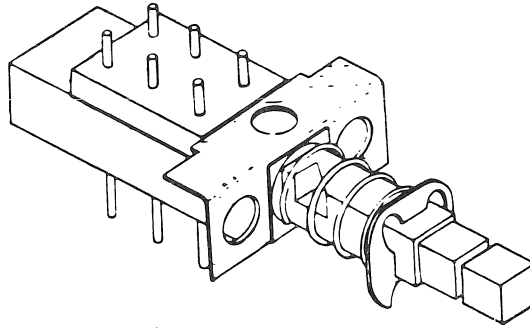
### 1 BUTTON

Pole Code	Latch Code	Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
		Top	Bottom				Cost	ST	
4	PP	.079	.394	Phenolic	No	260-1482-00		OB	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## 2 BUTTON

**Pole Code**  
 0 = Clearing Module  
 1 = 1 Pole  
 2 = 2 Pole  
 4 = 4 Pole  
 6 = 6 Pole  
 8 = 8 Pole



**Latch Code**  
 IL = Interlock  
 PP = Push-push  
 M = Momentary  
 R = Release

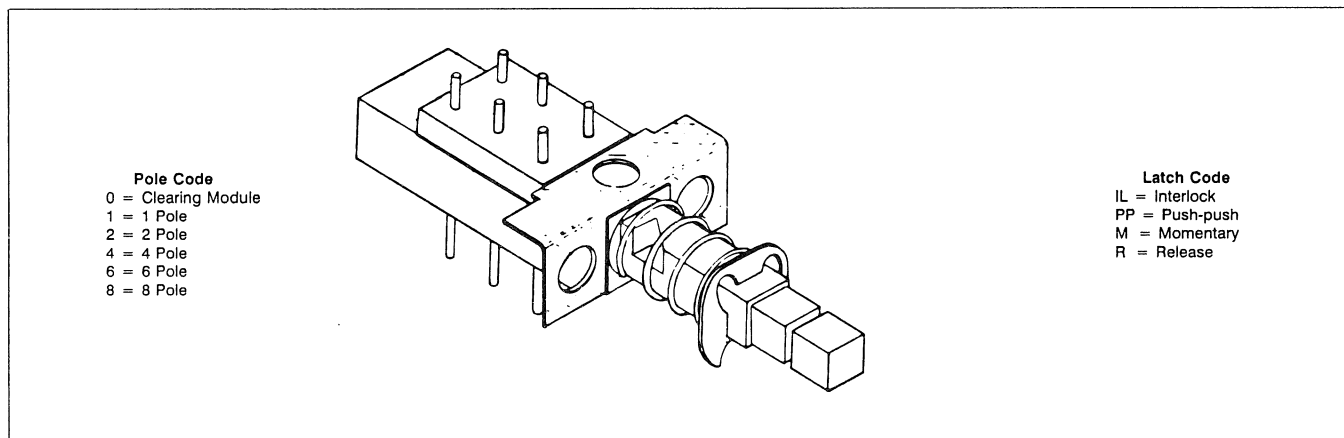
### 10mm C TO C SHAFT SPACING

Button One		Button Two		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	0	IL	.079	.236	Phenolic	No	260-1441-00	1.050	CR	
2	IL	2	IL	.040	.353	Phenolic	No	260-1625-01	1.500	CR	
2	IL	2	IL	.079	.157	Phenolic	No	260-1228-00	.890	CR	
2	IL	2	IL	.079	.079	Phenolic	.091	260-1229-00	.818	CS	
2	IL	2	IL	.079	.157	Phenolic	No	260-1626-00	1.210	CR	
2	IL	2	IL	.079	.236	Phenolic	No	260-1365-00	1.240	CR	Has Lockout
2	IL	2	IL	.040	.315	Phenolic	No	260-1570-01	.880	CR	
2	IL	2	IL	.079	.394	Phenolic	No	260-1801-00	1.400	CR	
2	IL	2	IL	.079	.394	Diallyl	No	260-1943-00	1.680	CR	
2	IL	2	IL	.157	.079	Phenolic	.113	260-1275-00	2.590	CR	Has Lockout
2	IL	4	IL	.079	.236	Phenolic	No	260-2016-00	1.540	CR	
2	M	2	M	.079	.315	Phenolic	No	260-1787-00	.940	CS	
2	M	2	PP	.079	.236	Phenolic	No	260-1380-00	.960	CR	
2	M	2	PP	.079	.394	Phenolic	No	260-1425-00	1.440	CR	
2	M	2	PP	.079	.394	Phenolic	No	260-1737-02	1.180	CR	
2	M	2	PP	.079	.650	Phenolic	No	260-2019-00	.920	CR	
2	M	2	PP	.236	.079	Phenolic	No	260-1431-00	1.480	CR	
2	PP	2	PP	.040	.236	Phenolic	No	260-1502-01	1.590	CR	
2	PP	2	PP	.040	.236	Diallyl	No	260-1973-00	1.330	CR	
2	PP	2	PP	.079	.157	Phenolic	No	260-1226-00	1.520	CS	
2	PP	2	PP	.079	.157	Diallyl	No	260-1227-00	1.190	CR	
2	PP	2	PP	.079	.157	Phenolic	.115	260-1452-00	1.440	CR	
2	PP	2	PP	.079	.394	Phenolic	No	260-1353-00	1.620	CR	
2	PP	2	PP	.079	.394	Diallyl	No	260-1353-01	1.020	CR	Bracket Trimmed
2	PP	2	PP	.079	.394	Phenolic	No	260-1353-02	1.180	CR	
2	PP	2	PP	.236	.040	Diallyl	No	260-1207-00	1.030	CR	
2	PP	2	PP	.236	.236	Diallyl	No	260-1207-01	1.560	CR	
2	PP	4	PP	.079	.650	Diallyl	Np	260-1950-00 <sup>b</sup>	1.440	CR	
2	R	2	IL	.079	.472	Phenolic	No	260-1455-00	1.860	CR	
4	IL	4	IL	.040	.236	Phenolic	No	260-1232-00	1.360	CR	
6	PP	6	PP	.079	.394	Diallyl	No	260-1356-00	1.580	CR	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## 2 BUTTON (cont)



### 15mm C TO C SHAFT SPACING

Button One		Button Two		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	.040	.542	Phenolic	No	260-1622-01	2.490	CR	
2	IL	2	IL	.079	.315	Diallyl	No	260-1576-01	2.160	CR	
2	PP	2	PP	.079	.236	Phenolic	No	260-2103-00	1.250	CR	
4	IL	4	IL	.079	.472	Phenolic	No	260-1773-00	2.160	CR	

### 20mm C TO C SHAFT SPACING

Button One		Button Two		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	PP	2	M	.079	.236	Phenolic	No	260-1442-00	1.540	CR	Uses .394 3PB FRM

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



**NOT RECOMMENDED FOR NEW DESIGN****2 BUTTON (cont)****10mm C TO C SHAFT SPACING**

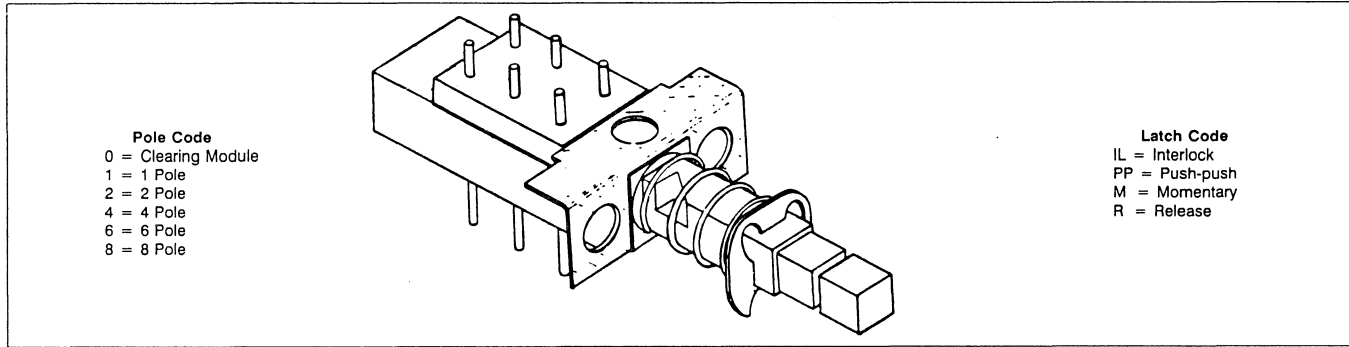
Button One		Button Two		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	M	2	PP	.079	.079	Phenolic	.093	260-1315-00	.739	CS	
2	PP	2	M	.079	.315	Phenolic	No	260-1859-01		OB	
2	PP	2	M	.079	.394	Phenolic	No	260-1465-00	.760	CS	
2	PP	2	PP	.078	.157	Diallyl	.115	260-1708-01	2.340	CS	
2	PP	2	PP	.079	.236	Phenolic	No	260-1466-00	5.000	CS	
2	PP	4	PP	.040	.236	Diallyl	No	260-1704-01	1.760	CS	

**15mm C TO C SHAFT SPACING**

Button One		Button Two		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	M	2	M	.236	.236	Phenolic	.115	260-1817-00	1.880	CS	
2	PP	1	M	.079	.236	Phenolic	No	260-1815-00		OB	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

### 3 BUTTON



#### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
0	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1379-00	.960	CR	Has Lockout
0	IL	2	IL	2	IL	.079	.394	Phenolic	No	260-1471-00	2.660	CR	
2	IL	0	IL	2	IL	.079	.472	Phenolic	No	260-1454-00	1.950	CR	
2	IL	2	IL	0	IL	.040	.275	Phenolic	No	260-2006-00	9.850	CR	
2	IL	2	IL	0	IL	.079	.236	Phenolic	No	260-1782-00	.800	CS	
2	IL	2	IL	2	IL	.040	.236	Phenolic	No	260-1594-01	1.220	CR	
2	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1544-01	1.210	CR	
2	IL	2	IL	2	IL	.079	.472	Phenolic	No	260-1571-00	2.670	CR	
2	IL	2	IL	2	IL	.236	.157	Phenolic	No	260-1268-00	2.630	CR	
2	IL	2	IL	2	IL	.275	.040	Phenolic	No	260-1268-01	1.330	CR	
2	IL	2	IL	2	MR	.079	.394	Diallyl	No	260-1942-00	4.040	CR	Has Lockout
2	PP	2	IL	2	IL	.040	.236	Phenolic	No	260-1593-01	1.660	CR	
2	IL	2	IL	2	MR	.079	.236	Phenolic	No	260-1720-01	1.310	CR	
2	IL	2	IL	2	R	.236	.236	Phenolic	No	260-1422-00	1.060	CR	
2	IL	4	IL	4	IL	.079	.236	Diallyl	No	260-1905-00	2.250	CR	
2	M	2	PP	2	PP	.079	.472	Phenolic	No	260-1487-00	2.700	CR	
2	PP	2	IL	2	IL	.040	.236	Phenolic	No	260-1714-01	5.200	SC	
2	PP	2	PP	2	M	.079	.394	Phenolic	No	260-1723-00	1.970	CR	
2	PP	2	PP	2	PP	.079	.236	Diallyl	No	260-1844-00	3.330	CR	
2	PP	2	PP	2	PP	.079	.394	Phenolic	No	260-1448-00 <sup>b</sup>	1.540	CR	
2	PP	2	PP	2	PP	.236	.156	Phenolic	No	260-1133-00	1.350	CR	Has Lockout
4	IL	4	IL	4	IL	.079	.236	Phenolic	No	260-1555-00	2.390	CR	
4	IL	4	IL	4	IL	.079	.157	Phenolic	No	260-2017-00	3.290	CR	
4	PP	4	PP	4	M	.079	.394	Phenolic	No	260-1212-00	1.640	CR	
6	IL	6	IL	2	IL	.079	.236	Phenolic	No	260-1364-00	1.870	CR	
6 10 <sup>c</sup>	PP IL	6 6	PP IL	4 6	PP IL	.079 .157	.315 .157	Phenolic Phenolic	No .115	260-1609-01 260-1360-00	2.670 7.890	CR CR	

#### 15mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	M	2	M	2	M	.235	.236	Phenolic	.113	260-1255-00	3.250	CR	
8	PP	4	M	6	M	.079	.315	Diallyl	No	260-1038-00	2.870	CR	

#### 20mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	M	2	M	2	M	.236	.236	Phenolic	.115	260-1866-00 <sup>b</sup>	1.320	CS	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled

<sup>c</sup> Made from a 6 and a 4 pole coupled back to back.

**NOT RECOMMENDED FOR NEW DESIGN****3 BUTTON (cont)****10mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
						.234	.234	Diallyl		260-1852-01	3.090	CS	Special Has Lockout
2	IL	2	IL	2	IL	.079	.079	Phenolic	.115	260-1317-00	1.620	CS	
2	M	2	IL	2	IL	.040	.156	Phenolic	No	260-1718-01	1.190	CR	
2	IL	2	IL	2	PP	.079	.394	Phenolic	No	260-1724-00	3.070	CS	
2	IL	2	IL	2	MR	.079	.315	Phenolic	No	260-1720-00	.950	CS	
2	M	2	M	2	M	.079	.236	Phenolic	.115	260-1667-00	2.550	CS	
4	IL	2	IL	2	PP	.040	.236	Phenolic	No	260-1717-01	1.240	CR	
2	PP	2	PP	2	M	.079	.236	Phenolic	No	260-1382-00		OB	
2	PP	2	PP	2	PP	.040	.236	Diallyl	No	260-1706-01	3.430	CS	
2	PP	2	PP	2	PP	.236	.236	Diallyl	No	260-1354-00	2.480	CS	

**15mm C TO C SHAFT SPACING**

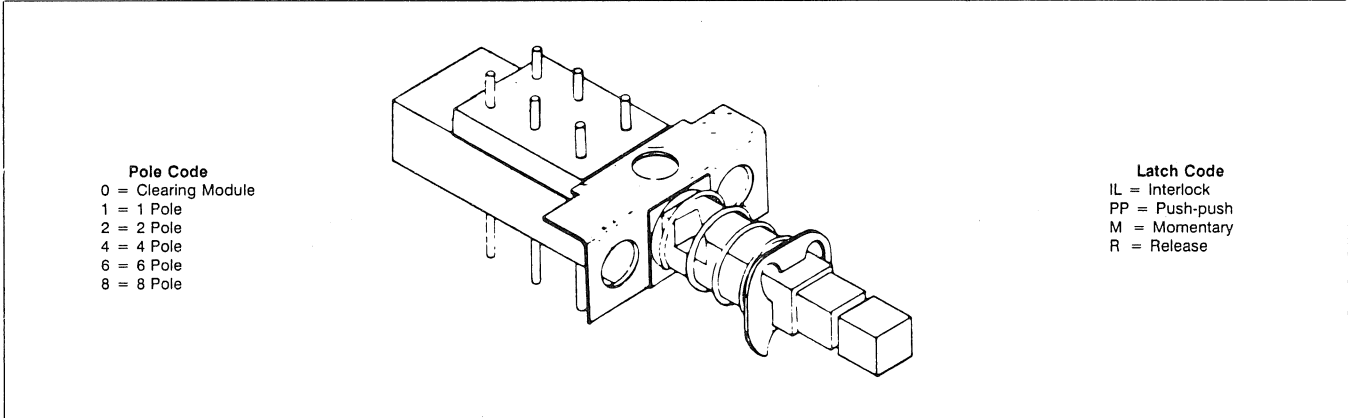
Button One		Button Two		Button Three		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1572-01		OB	
2	M	2	PP	2	PP	.079	.157	Phenolic	No	260-1009-00		OB	
2	PP	2	PP	2	PP	.040	.394	Phenolic		260-2073-00	3.560	CS	

**20mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	PP	2	PP	2	PP	.236	.236	Phenolic	.110	260-1007-00	2.350	CS	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# 4 BUTTON



## 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
0	IL	2	IL	2	IL	2	IL	.040	.315	Diallyl	.115	260-2358-00	3.800	CR	2 Latch Bars Has Lockout
2	IL	2	IL	2	IL	2	IL	.078	.156	Phenolic	No	260-1712-00	1.610	CR	
2	IL	2	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1381-00	3.180	CR	
2	IL	2	IL	2	IL	2	IL	.079	.275	Phenolic	No	260-1802-00	1.830	CR	
2	IL	2	IL	2	IL	2	IL	.079	.394	Phenolic	No	260-1423-00	1.450	CR	
2	IL	2	IL	2	IL	2	IL	.236	.236	Phenolic	No	260-1823-00	3.070	CS	1 & 2, 3 & 4 Lockout
2	IL	2	IL	2	IL	2	IL	.236	.040	Phenolic	No	260-1213-00	2.900	CS	
2	IL	2	IL	2	IL	2	IL	.236	.236	Phenolic	No	260-1556-00	2.910	CR	
2	IL	2	IL	2	IL	2	PP	.040	.315	Phenolic	No	260-2040-00	2.180	CR	
2	IL	2	IL	2	IL	2	M	.040	.650	Phenolic	No	260-2160-00	3.570	CR	
2	IL	2	IL	2	IL	2	PP	.079	.315	Phenolic	No	260-1603-00	2.250	CR	Has Lockout
2	IL	2	IL	2	PP	4	PP	.079	.236	Phenolic	No	260-1906-00	3.010	CR	
2	IL	2	IL	4	IL	2	M	.040	.650	Phenolic	No	260-1997-00	7.290	CS	Space Between 1 & 3 Switches
2	PP	2	IL	2	IL	2	IL	.040	.650	Phenolic	No	260-1998-00	2.500	CR	
2	PP	2	PP	2	PP	2	M	.079	.394	Phenolic	No	260-1618-00	3.800	CR	
2	PP	2	PP	2	PP	2	PP	.236	.157	Phenolic	No	260-1269-00	2.990	CR	
2	PP	2	PP	2	PP	2	PP	.079	.394	Diallyl	No	260-1774-00	3.270	CR	
4	IL	2	IL	2	IL	2	IL	.040	.275	Phenolic	No	260-2020-00	1.700	CR	
4	PP	2	PP	2	PP	2	M	.040	.156	Phenolic	No	260-1715-01	5.000	CR	
6	PP	2	PP	4	PP	2	M	.079	.394	Phenolic	No	260-1778-00	2.510	CR	

## 15mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	2	IL	2	PP	.079	.157	Phenolic	No	260-1041-00	2.540	CR	5 Button Frame
2	IL	4	IL	4	IL	2	PP	.079	.157	Phenolic	No	260-1039-00	2.870	CR	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN****4 BUTTON (cont)****10mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Button Four		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	0	IL	2	IL	.079	.275	Phenolic	No	260-1945-00	1.350	CR	
2	IL	2	IL	2	IL	2	IL	.040	.315	Phenolic	No	260-1545-01		OB	
2	PP	2	PP	2	PP	4	PP	.079	.394	Phenolic	No	260-1734-00	3.210	CS	
2	PP	2	PP	4	PP	4	PP	.040	.236	Diallyl	No	260-1707-01	3.560	CS	
2	PP	4	PP	4	IL	4	IL	.079	.157	Phenolic	No	260-1736-01	5.530	CS	
4	PP	2	PP	2	PP	2	PP	.079	.394	Phenolic	No	260-1735-00	3.210	CS	

**15mm C TO C SHAFT SPACING**

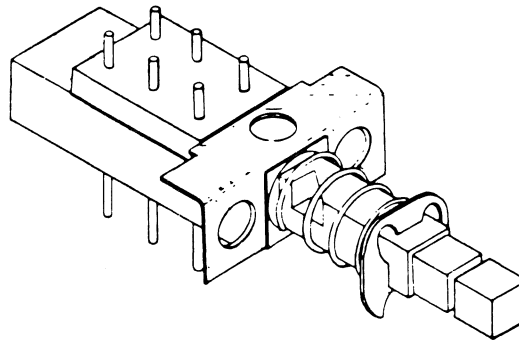
Button One		Button Two		Button Three		Button Four		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	2	IL	2	IL	.079	.079	Phenolic	.093	260-1318-00	2.260	CS	Has Lockout
2	IL	2	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1813-00		OB	
2	M	4	PP	2	PP	4	PP	.079	.157	Phenolic	No	260-1008-00		OB	
2	PP	2	PP	2	IL	2	IL	.079	.315	Diallyl	.113	260-1574-01	5.390	CS	5 Button Frame
2	PP	2	PP	2	M	2	M	.236	.236	Phenolic	.115	260-1816-00	1.520	CS	
2	PP	2	PP	2	PP	2	PP	.040	.394	Phenolic	No	260-2070-00	3.170	CS	5 Button Frame
2	PP	2	PP	2	PP	2	PP	.079	.236	Diallyl	.113	260-1575-01	3.120	CS	

**DO NOT USE****4 BUTTON (cont)****10mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Button Four		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
4	IL	4	IL	4	IL	4	IL	.078	.315	Diallyl	No	260-1711-01	6.380	CS	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# 5 BUTTON



**Pole Code**  
 0 = Clearing Module  
 1 = 1 Pole  
 2 = 2 Pole  
 4 = 4 Pole  
 6 = 6 Pole  
 8 = 8 Pole

**Latch Code**  
 IL = Interlock  
 PP = Push-push  
 M = Momentary  
 R = Release

## 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
0	IL	2	IL	2	IL	2	IL	2	IL	.236	.079	Diallyl	No	260-1432-00	2.670	CR	Has Lockout
2	IL	2	IL	2	IL	2	IL	0	IL	.079	.236	Phenolic	No	260-1378-00	1.550	CR	
2	IL	2	IL	2	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1424-00	3.180	CR	
2	IL	2	IL	2	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1424-01	2.500	CR	
2	IL	2	IL	2	IL	2	IL	0	IL	.040	.472	Phenolic	No	260-2159-00	3.480	CR	
2	IL	2	IL	2	IL	2	IL	2	IL	.079	.394	Phenolic	No	260-1472-00	4.220	CR	8 Button Frame
2	IL	2	IL	2	IL	2	IL	2	IL	.236	.040	Phenolic	No	260-2060-00	2.050	CR	
2	IL	2	IL	8	IL	2	IL	8	IL	.079	.157	Phenolic	No	260-2079-00	3.170	CR	
2	IL	2	IL	2	IL	2	IL	2	IL	.236	.157	Phenolic	No	260-1336-00	4.390	CS	
2	M	0	IL	2	IL	0	IL	2	IL	.040	.275	Phenolic	No	260-2003-00	9.850	CR	
2	M	2	M	2	M	2	M	2	M	.040	.157	Phenolic	No	260-2385-00		EN	
2	PP	2	PP	2	PP	2	PP	2	PP	.040	.236	Phenolic	No	260-1944-00	3.650	CR	
2	PP	2	PP	2	PP	2	PP	2	PP	.040	.472	Phenolic	No	260-2000-00	2.900	CR	
2	PP	2	PP	2	PP	2	PP	2	PP	.040	.157	Phenolic	No	260-2253-00	2.250	CR	
2	PP	2	M	2	M	2	M	2	M	.040	.157	Phenolic	No	260-2254-00	2.040	CR	
2	PP	2	PP	4	PP	2	PP	2	PP	.157	.236	Diallyl	No	260-1210-00	3.900	CR	
4	IL	2	IL	0	IL	4	PP	4	PP	.079	.236	Diallyl	No	260-1479-01	6.360	CR	
4	IL	2	IL	2	IL	2	IL	0	IL	.040	.472	Phenolic	No	260-1999-00	3.630	CR	
4	IL	4	IL	2	IL	2	IL	2	IL	.040	.236	Phenolic	No	260-1501-01	5.060	CR	
4	IL	4	IL	4	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1216-00	2.750	CR	
4	IL	4	IL	4	IL	4	IL	4	IL	.079	.236	Phenolic	No	260-1449-00	3.130	CR	
6	IL	6	IL	4	PP	2	PP	2	PP	.079	.236	Phenolic	No	260-1270-00	3.250	CR	
6	IL	8	IL	6	IL	8	IL	8	IL	.157	.315	Diallyl	No	260-1848-00	3.430	CR	

## 15mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	IL	.079	.157	Phenolic	No	260-1230-00	3.810	CS	Has Lockout
2	IL	2	R	2	IL	0	IL	2	IL	.079	.157	Phenolic	No	260-1040-00	2.590	CR	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN**

**5 BUTTON (cont)**

**10mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Button Four		Button Five		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	PP	.079	.275	Diallyl	No	260-1725-00	5.420	CS	
2	IL	2	IL	2	IL	2	IL	2	PP	.236	.236	Phenolic	No	260-1288-00	5.200	CS	
2	IL	2	IL	2	IL	2	PP	2	PP	.079	.394	Phenolic	No	260-1437-00	2.500	CS	
4	IL	4	IL	6	IL	4	IL	4	IL	.122	.218	Diallyl	No	260-1974-00	3.800	CS	
4	PP	2	IL	2	IL	2	IL	2	PP	.079	.315	Phenolic	No	260-1860-01		OB	
4	IL	2	IL	4	IL	4	IL	0	IL	.040	.157	Diallyl	No	260-1948-00 <sup>b</sup>	3.660	CS	

**15mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Button Four		Button Five		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	PP	2	PP	2	IL	2	IL	2	PP	.078	.312			260-1795-01	16.660	CS	

**20mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Button Four		Button Five		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
0	IL	2	IL	2	IL	2	IL	2	IL	.079	.157	Phenolic	No	260-1435-00		OB	

**30mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Button Four		Button Five		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	R	2	R	2	IL	2	M	.236	.079	Phenolic	.091	260-1427-00		OB	9 Button Frame
2	IL	2	R	2	R	2	IL	2	PP	.079	.236	Phenolic	.091	260-1426-00		OB	9 Button Frame

**DO NOT USE**

**5 BUTTON**

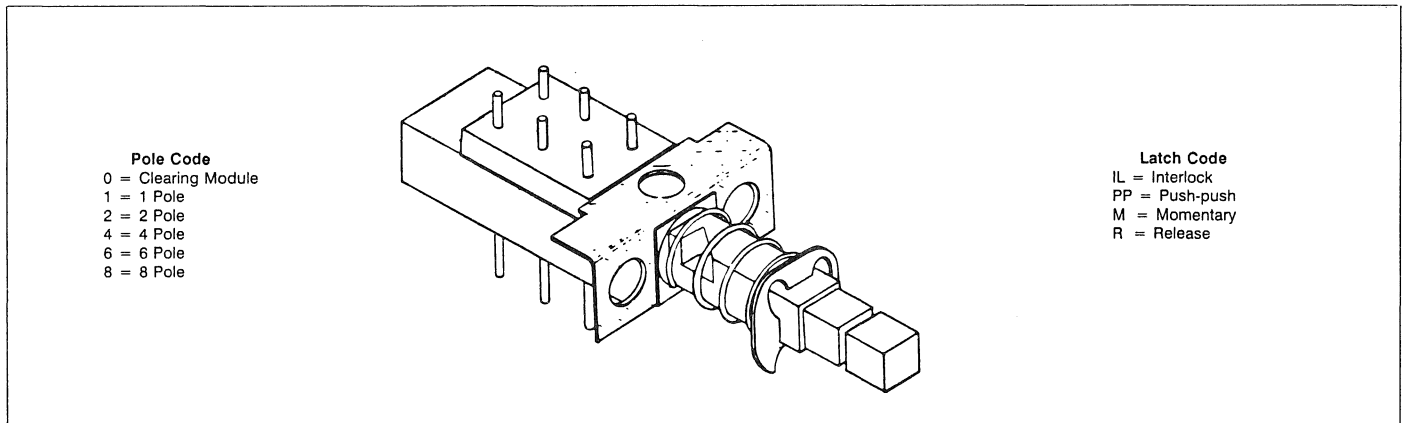
**10mm C TO C SHAFT SPACING**

Button One		Button Two		Button Three		Button Four		Button Five		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	IL	.040	.236	Phenolic	No	260-1900-00	2.140	CS	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## 6 BUTTON



### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
0	IL	4	IL	4	IL	4	IL	2	PP	2	PP	.040	.315	Phenolic	No	260-1985-00	3.420	CR	3 Latch Bars
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.040	.394	Diallyl	.115	260-1674-01	2.800	CR	
2	IL	2	IL	2	IL	2	IL	2	IL	2	PP	.040	.394	Phenolic	No	260-1991-00	2.000	CS	
2	PP	2	PP	2	IL	2	IL	2	IL	2	IL	.040	.394	Phenolic	No	260-1505-01	5.060	CR	
2	PP	2	PP	2	PP	2	IL	2	IL	2	IL	.079	.275	Phenolic	No	260-1803-00	3.360	CR	
4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	.157	.315	Diallyl	No	260-1688-00	4.450	CR	
4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	.122	.218	Diallyl	No	260-1972-00	4.020	CR	
6	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.040	.157	Diallyl	No	260-1951-00 <sup>b</sup>	3.300	CR	
6	IL	4	IL	2	IL	4	IL	4	IL	0	IL	.040	.157	Diallyl	No	260-1949-00 <sup>b</sup>	3.600	CR	
6	IL	6	IL	6	IL	6	IL	6	IL	6	IL	.122	.650	Diallyl	No	260-1971-00	6.620	CR	

## NOT RECOMMENDED FOR NEW DESIGN

## 6 BUTTON

### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.079	.236	Phenolic	No	260-1882-00		OB	7 Button Frame
2	IL	2	IL	2	IL	2	IL	2	PP	2	PP	.079	.394	Diallyl	No	260-1284-00	4.040	CS	
2	IL	2	IL	2	IL	2	IL	4	IL	4	IL	.040	.236	Diallyl	No	260-1702-01	6.160	CS	
2	IL	2	IL	2	IL	2	IL	4	IL	4	IL	.079	.394	Phenolic	No	260-1438-00 <sup>b</sup>	4.210	CS	
2	M	2	IL	2	IL	2	IL	8	IL	4	IL	.040	.315	Phenolic	No	260-1547-01		OB	
2	M	2	M	2	M	2	M	2	M	2	PP	.079	.472	Phenolic	No	260-1769-00	3.700	CS	
2	M	4	IL	4	IL	4	IL	8	IL	2	PP	.040	.315	Phenolic	No	260-1814-01		OB	

### 15mm C TO C SHAFT SPACING

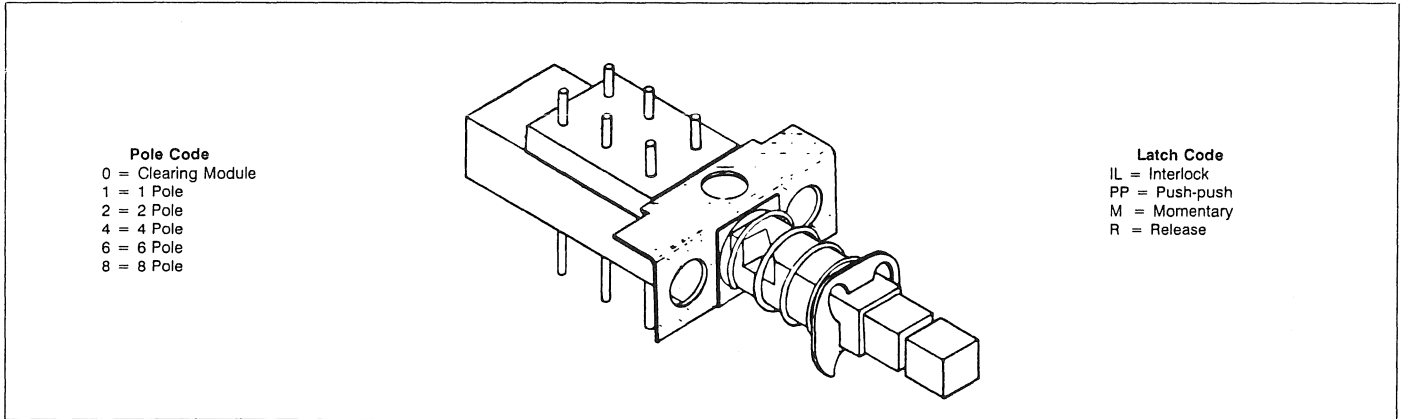
Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Pin Length		Type of Insulation	Mounting Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom				Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.079	.040	Phenolic	.091	260-1319-00	2.930	CS	Has Lockout

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled



## 7 BUTTON



### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Button Seven		Pin Length		Type of Insulation	Mtg Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bot				Cost	ST	
2	IL	2	IL	2	IL	0	IL	2	IL	0	IL	2	IL	.079	.315	Diallyl	.115	260-1676-01	2.480	CR	9 Btn Frame
2	PP	2	PP	2	PP	2	PP	2	PP	2	PP	2	PP	.040	.236	Diallyl	No	260-1836-01	8.980	CR	
8	IL	8	IL	4	IL	2	IL	2	IL	2	IL	2	IL	.040	.236	Phenolic	No	260-1899-00	9.170	CS	

## NOT RECOMMENDED FOR NEW DESIGN

## 7 BUTTON

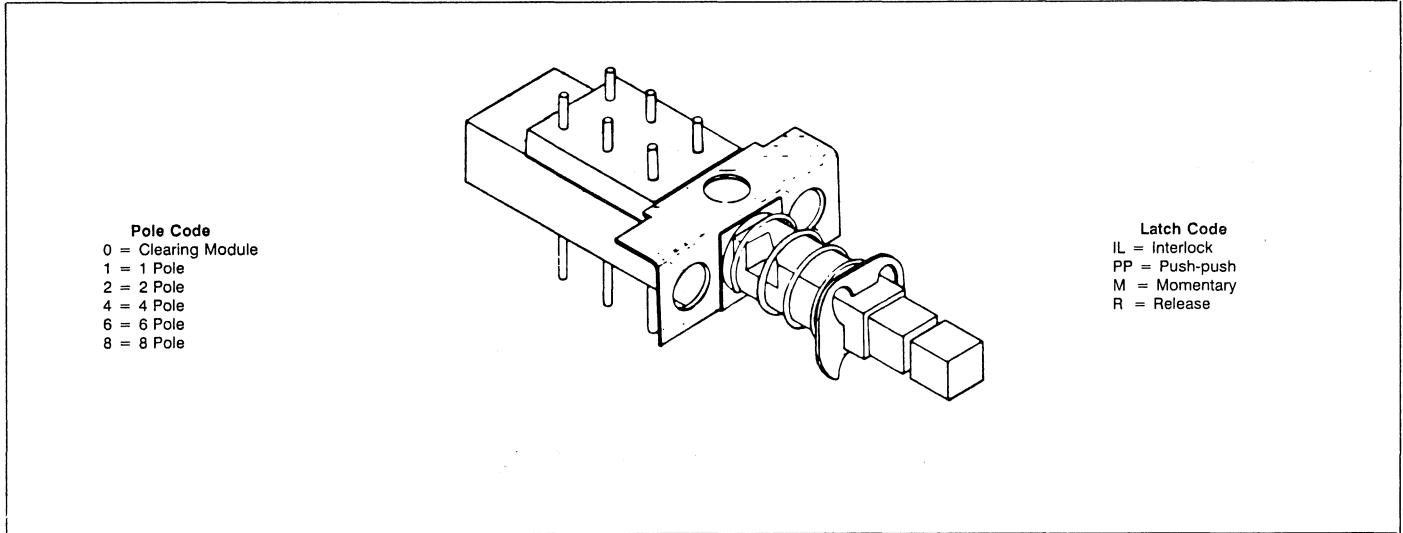
### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Button Seven		Pin Length		Type of Insulation	Mtg Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bot				Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.079	.394	Diallyl	No	260-1287-00	9.140	CS	Has Lockout

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

SWITCHES, PUSH

8 BUTTON



**Pole Code**  
 0 = Clearing Module  
 1 = 1 Pole  
 2 = 2 Pole  
 4 = 4 Pole  
 6 = 6 Pole  
 8 = 8 Pole

**Latch Code**  
 IL = Interlock  
 PP = Push-push  
 M = Momentary  
 R = Release

10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Button Seven		Button Eight		Pin Length		Type of Insulation	Mtg Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bot				Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.040	.236	Phenolic	No	260-1897-00	6.880	CS	
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.079	.315	Diallyl	.115	260-1675-01	3.570	CR	
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	PP	.079	.157	Phenolic	No	260-2015-00	7.500	CR	
2	PP	2	PP	2	PP	2	M	2	PP	2	M	2	MR	2	IL	.040	.236	Phenolic	No	260-1896-00	7.200	CS	

NOT RECOMMENDED FOR NEW DESIGN

8 BUTTON

10mm C TO C SHAFT SPACING

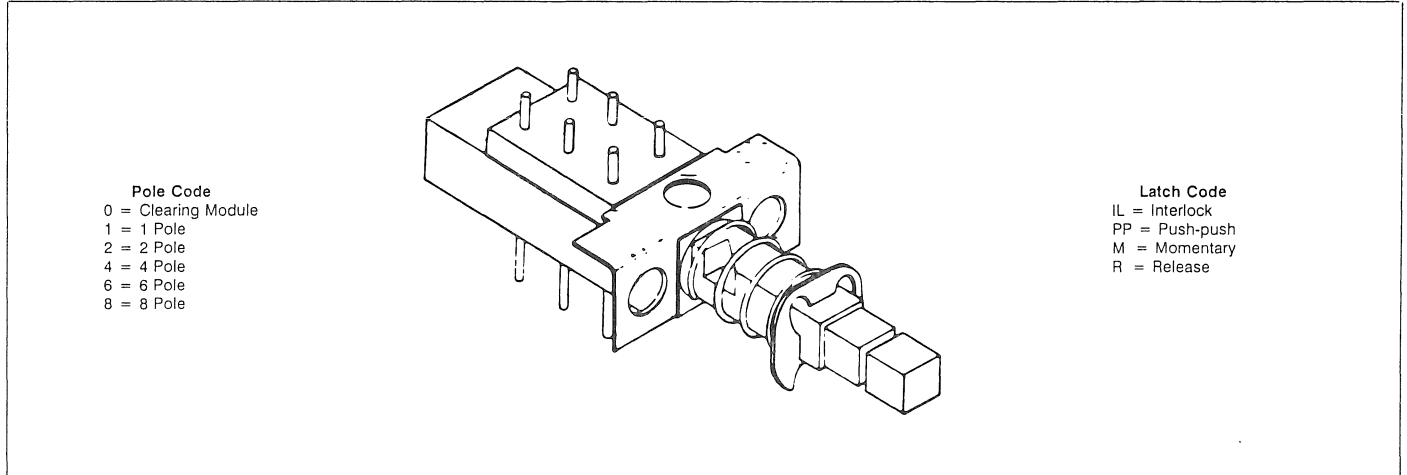
Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Button Seven		Button Eight		Pin Length		Type of Insulation	Mtg Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bot				Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.236	.079	Phenolic	No	260-1109-00		OB	

15mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Button Seven		Button Eight		Pin Length		Type of Insulation	Mtg Tabs	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bot				Cost	ST	
2	M	2	M	2	M	2	M	2	M	2	M	2	M	2	M	.236	.236	Phenolic	Yes	260-2077-00	2.810	CS	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# 10 BUTTON



## 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Button Seven		Button Eight		Button Nine		Button Ten		Pin Length		Type of Insulation	Part Number	Codes <sup>a</sup>	
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom			Cost	ST
4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	.079	.236	Phenolic	260-1621-00	13.270	CS

# NOT RECOMMENDED FOR NEW DESIGN

# 10 BUTTON

## 10mm C TO C SHAFT SPACING

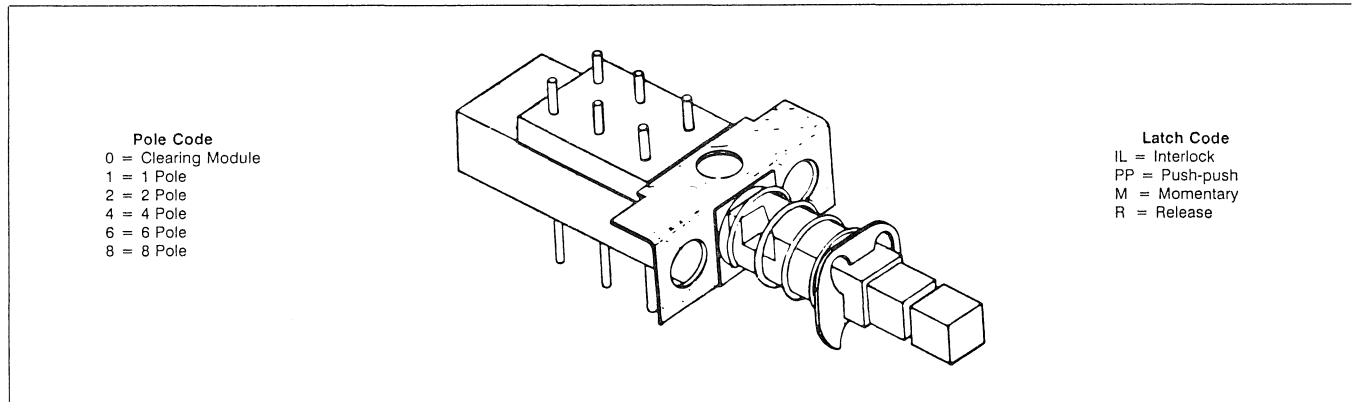
Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Button Seven		Button Eight		Button Nine		Button Ten		Pin Length		Type of Insulation	Part Number	Codes <sup>a</sup>	
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom			Cost	ST
2	PP	2	PP	2	M	2	PP	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.079	.236	Phenolic	260-1907-00	7.290	CS

## 15mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Button Seven		Button Eight		Button Nine		Button Ten		Pin Length		Type of Insulation	Part Number	Codes <sup>a</sup>	
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Top	Bottom			Cost	ST
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.079	.157	Phenolic	260-1111-00	6.370	OB
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.079	.157	Phenolic	260-1111-01		LS
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.079	.157	Phenolic	260-1420-00		OB
4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	4	IL	.079	.315	Phenolic	260-1110-00		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# 11 BUTTON



## 10mm C TO C SHAFT SPACING

Btn 1		Btn 2		Btn 3		Btn 4		Btn 5		Btn 6		Btn 7		Btn 8		Btn 9		Btn 10		Btn 11		Pin Length		Type of Insulation	Part Number	Codes <sup>a</sup>	
P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	Top	Bottom			Cost	ST
3	IL	3	IL	3	IL	3	IL	3	IL	3	IL	3	IL	3	IL	3	IL	3	IL	3	IL				260-1551-00	11.900	CR
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL				260-1552-00	6.850	CR

## 15mm C TO C SHAFT SPACING

Btn 1		Btn 2		Btn 3		Btn 4		Btn 5		Btn 6		Btn 7		Btn 8		Btn 9		Btn 10		Btn 11		Pin Length		Type of Insulation	Part Number	Codes <sup>a</sup>		
P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	Top	Bottom			Cost	ST	
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	PP	.236	.275	Phenolic	260-1843-00	7.300	CS
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	4	IL	4	IL	2	.040	.275	Phenolic	260-2004-00	9.850	CR

# 13 BUTTON

## 10mm C TO C SHAFT SPACING

Btn 1		Btn 2		Btn 3		Btn 4		Btn 5		Btn 6		Btn 7		Btn 8		Btn 9		Btn 10		Btn 11		Btn 12		Btn 13		Pin Length		Type of Insulation	Part Number	Codes <sup>a</sup>	
P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	Top	Bottom			Cost	ST
4	IL	4	IL	4	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	4	IL	2	IL	2	IL	2	IL	.040	.275	Phenolic	260-2007-00	9.850	CR
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	M	2	M	2	M	0	IL	.040	.275	Phenolic	260-2005-00	9.850	CR

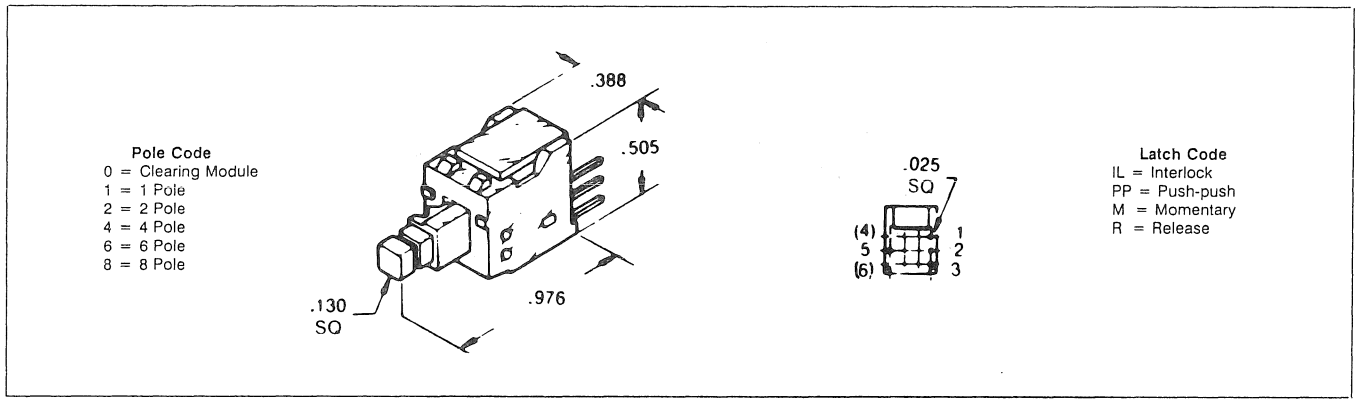
**NOT RECOMMENDED FOR NEW DESIGN**

# 15 BUTTON

## 10mm C TO C SHAFT SPACING

Btn 1		Btn 2		Btn 3		Btn 4		Btn 5		Btn 6		Btn 7		Btn 8		Btn 9		Btn 10		Btn 11		Btn 12		Btn 13		Btn 14		Btn 15		Pin Length		Type of Insulation	Part Number	Codes <sup>a</sup>	
P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	P	Lch	Top	Bottom	Cost	ST				
2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	2	IL	.236	.236	Phenolic	260-1006-00	19.560	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



### 1 BUTTON

Pole Code	Latch Code	Lead Length	Part Number	Codes <sup>a</sup>		Other
				Cost	ST	
1	M	.157	260-2111-00 <sup>b</sup>	2.490	CR	Gold Inlay
1	M	.157	260-2088-00	.520	CR	Gold Inlay
1	PP	.157	260-2087-00	.910	CS	Gold Inlay
2	M	.157	260-2091-00	.720	CR	Silver Inlay
2	PP	.157	260-1995-00	1.080	CR	

### 2 BUTTON

#### 10mm C TO C SHAFT SPACING

Button One		Button Two		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
1	PP	1	PP	.157	260-2095-00	2.080	CS	Gold Inlay
1	IL	1	IL	.157	260-2167-00	2.550	CR	Gold Inlay

#### 15mm C TO C SHAFT SPACING

Button One		Button Two		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
2	IL	2	IL	.157	260-2092-00	1.680	CR	Silver Inlay

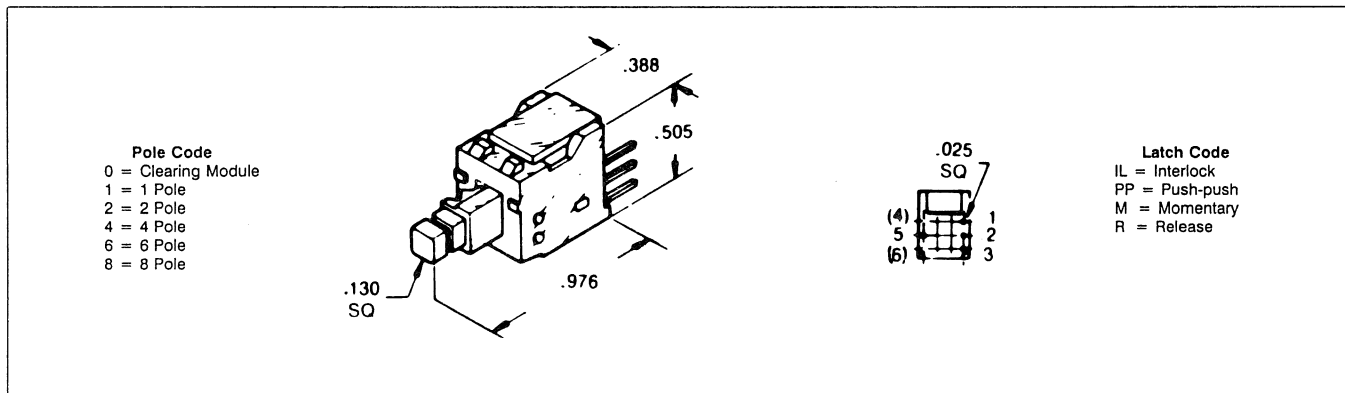
#### 25mm C TO C SHAFT SPACING

Button One		Button Two		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
2	IL	2	IL	.157	260-2090-00	2.130	CR	No Tabs

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

# SWITCHES, PUSH



## 3 BUTTON

### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
1	M	1	M	1	M	.157	260-2171-00	2.970	CR	Gold Inlay
1	IL	1	IL	1	IL	.157	260-2138-00	3.150	CR	Gold Inlay
1	PP	1	M	1	M	.157	260-2093-00	2.600	CS	Gold Inlay
2	IL	2	IL	1	M	.157	260-2110-00	2.490	CR	Gold Inlay

### 15mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
1	IL	1	IL	1	IL	.157	260-2139-00	3.200	CR	Gold Inlay
2	IL	2	IL	2	IL	.157	260-2089-00	2.540	CR	Silver Inlay
1	IL	1	IL	1	IL	.157	260-2207-00	4.800	CR	Gold Inlay

## 4 BUTTON

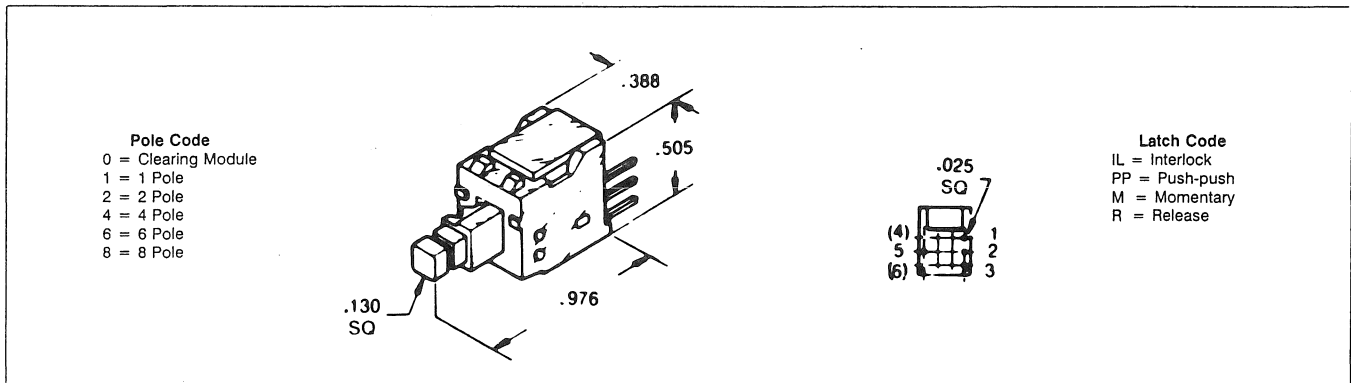
### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
1	PP	1	PP	1	PP	1	PP	.157	260-2094-00	3.700	CS	Gold Inlay
1	IL	1	IL	1	IL	1	IL	.157	260-2168-00	5.561	CR	Gold Inlay

### 15mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
1	PP	1	PP	1	IL	1	IL	.157	260-2136-00	4.670	CR	Gold Inlay

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



## 5 BUTTON

### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
1	M	1	M	1	M	1	M	1	M	.157	260-2170-00	2.970	CR	Gold Inlay

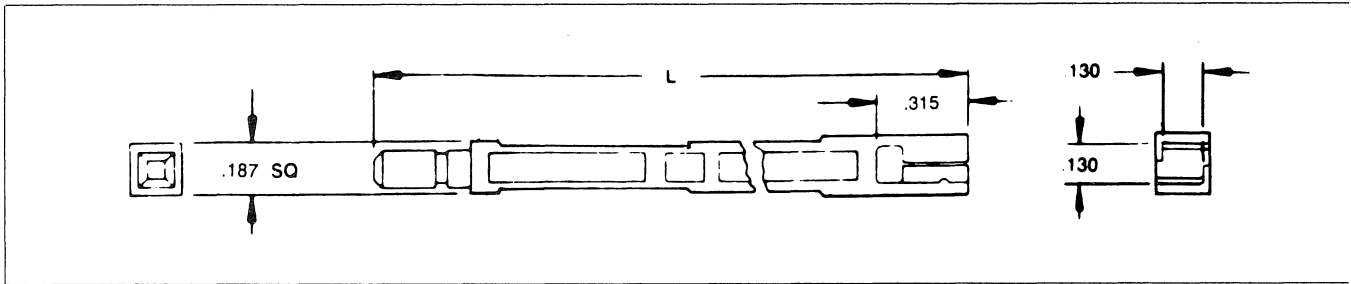
## 6 BUTTON

### 10mm C TO C SHAFT SPACING

Button One		Button Two		Button Three		Button Four		Button Five		Button Six		Lead Length	Part Number	Codes <sup>a</sup>		Other
Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code	Pole Code	Latch Code			Cost	ST	
1	PP	1	IL	1	IL	1	PP	1	IL	1	IL	.157	260-2137-00	6.490	CR	Gold Inlay

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## EXTENSION SHAFTS AND SPACERS



Length (L)	Material	Part Number	Codes <sup>a</sup>		Other
			Cost	ST	
.915	Glass Filled Nylon	384-1136-00	.031	CR	
.930	Glass Filled Nylon	384-1354-00	.216	CR	Offset
1.060	Glass Filled Nylon	384-1382-00	.016	CR	
1.235	Glass Filled Nylon	384-1875-00	.211	CR	(384-1136-00 + 103-0186-01)
1.585	Glass Filled Nylon	384-1099-00	.049	CR	
2.137	Glass Filled Nylon	384-1425-00	.803	CR	
2.183	Glass Filled Nylon	384-1341-00	.067	CR	
2.417	Glass Filled Nylon	384-1292-00	.135	CR	
2.764	Black Polyamide	384-1506-00	.203	CR	
3.310	Black Nylon	384-1368-00	.892	CR	
3.800	Glass Filled Nylon	384-1408-00	.102	CR	
4.140	Glass Filled Nylon	384-1101-00	.061	CR	
4.357	Glass Filled Nylon	384-1061-00	.135	CR	
4.460	Glass Filled Nylon	384-1390-00	.356	CR	(384-1101-00 + 103-0186-01)
4.528	Glass Filled Nylon	384-1560-00	.369	CR	2 (384-1292-00)
4.700	Glass Filled Nylon	384-1370-00	.061	CR	
5.607	Glass Filled Nylon	384-1129-00	.067	CR	
6.188	Glass Filled Nylon	384-1876-01	.548	CR	(384-1061-00 + 384-1425-00)
6.215	Glass Filled Nylon	384-1100-00	.185	CR	
6.957	Glass Filled Nylon	384-1059-00	.191	CR	
6.957	Glass Filled Nylon	384-1059-01	.566	CR	Special Relieved Section
7.857	Glass Filled Nylon	384-1060-00	.122	CR	
8.157	Glass Filled Nylon	384-1058-00	.159	CR	
9.090	Glass Filled Nylon	384-1236-01	.234	CR	Offset
9.960	Glass Filled Nylon	384-1445-00	1.088	CR	(384-1058-00 + 384-1425-00)
10.838	Glass Filled Nylon	384-1364-00	.171	CS	
11.682	Glass Filled Nylon	384-1542-00	.309	CR	(384-1101-00 + 384-1060-00)

CRL Circuit Board Switch Spacers				
Length	Color	Part Number	Codes <sup>a</sup>	
			Cost	ST
.040	Turquoise Blue	361-0685-00	.042	CR
.078	Clear	361-0542-00	.050	CR
.109	Blue	361-0411-00	.004	CR
.133	Red	361-0384-00	.008	CR
.164	Green	361-0385-00	.003	CR
.200	Yellow	361-0900-00	.008	CR
.220	Brown	361-0608-00	.006	CR
.234	White	361-0573-00	.010	CR
.255	Purple	361-0901-00	.008	CR
.275	Brown	361-0382-00	.003	CR
.310	Blue	361-0902-00	.008	CR
.330	Gray	361-0383-00	.002	CR

## NOT RECOMMENDED FOR NEW DESIGN EXTENSION SHAFTS AND SPACERS

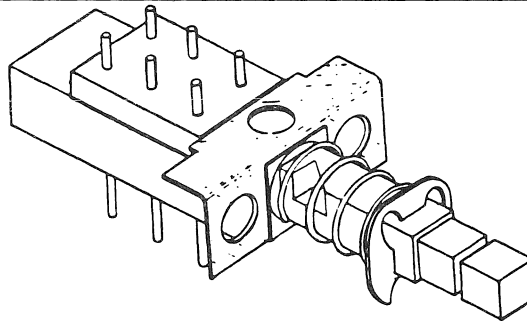
Length (L)	Material	Part Number	Codes <sup>a</sup>		Other
			Cost	ST	
1.905	Glass Filled Nylon	384-1389-01	.229	CS	(384-1099-00 + 103-0186-02)
2.503	Glass Filled Nylon	384-1391-00	.247	CS	(384-1341-00 + 103-0186-02)
2.764	Glass Filled Nylon	384-1061-01		OB	
4.140	Glass Filled Nylon	384-1101-01		NP	w/Gear Rack (401-0188-00)
7.277	Glass Filled Nylon	384-1392-00	.371	CS	(384-1059-00 + 103-0186-00)

CRL Circuit Board Switch Spacers				
Length	Color	Part Number	Codes <sup>a</sup>	
			Cost	ST
.144	Orange	361-0899-00	.007	CR
.380	Red	361-0690-00	.008	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



# ELECTRICAL SPECIFICATIONS



## CENTRALAB

### STANDARD SWITCHES

**ELECTRICAL**

Contacts (Non-shorting): Double Throw 2, 4, 6, and 8 Pole.

Contact Rating (Switching):

- 1 Amp Resistive Load @ 28 VDC.
- .45 Amps Resistive Load @ 115 VAC.

Contact Rating (Non-switching): 11 Amps.

Contact Resistance (with Load of 100 Milliamps @ 2 VDC):

- 4 to 6 Milliohms Typical Initial.

**Dielectric Strength**

Measured Between	Phenolic	Diallyl Phthalate
Terminal to Bracket Terminal to Terminal	1500 VAC	1500 VAC
Pole to Pole	1250 VAC	1500 VAC

**Insulation Resistance  
(Average Reading)**

Condition	Measured Between	Phenolic	Diallyl Phthalate
70% Relative Humidity @ 23°C, 500 VDC	Terminal to Bracket Terminal to Terminal	100,000 Megohms	10,000,000 Megohms
	Pole to Pole		
After 96 Hours at 95% Relative Humidity @ 40°C, 500 VDC	Terminal to Bracket Terminal to Terminal	600 Megohms 700 Megohms	600,000 Megohms 900,000 Megohms
	Pole to Pole	800 Megohms	950,000 Megohms

### 2 AMP LINE SWITCH

**ELECTRICAL**

Contacts: DPST (N.O.)

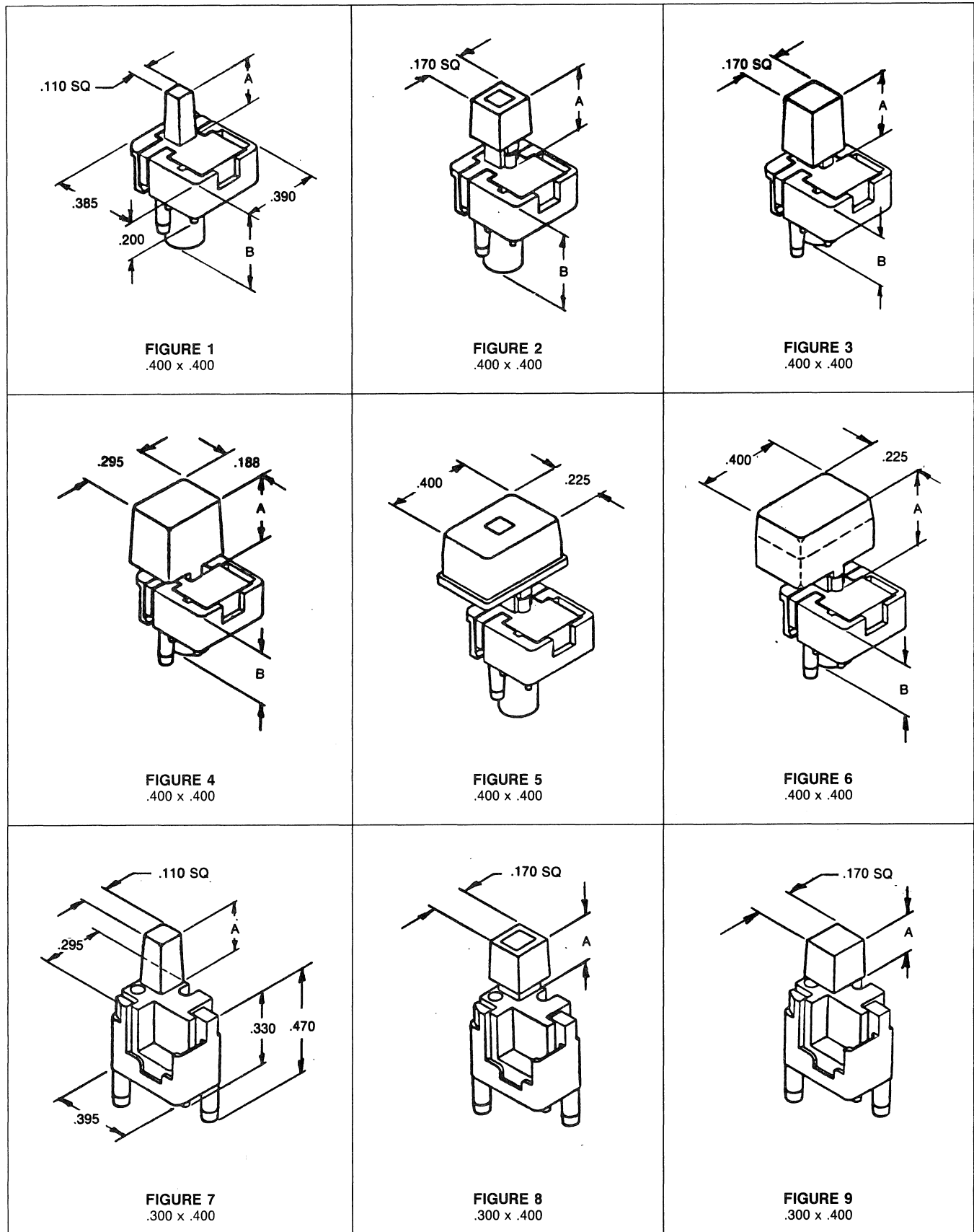
Contact Rating:

- 1 Amp @ 125 VDC (Per Pole).
- 2 Amps @ 250 VAC 70 - 80% Power Factor @ 60 Hz (Per Pole).

Dielectric Strength:

- Terminal to Terminal: 1000 VAC @ 60 Hz.
- Bracket to Terminal: 1000 VAC @ 60 Hz.
- Centralab tested: 1500 VAC @ 60 Hz.

## TEK-MADE ELECTRO-MECHANICAL COMPONENTS MOMENTARY PUSH BUTTON (MINI-MOM)



# TEK-MADE ELECTRO-MECHANICAL COMPONENTS <sup>a</sup>

## MOMENTARY PUSH BUTTON (MINI-MOM)

.300 x .400 & .400 x .400

Contact rating 250 mA max @ 30VDC SPST N.O.  
Board mounted

Double injected molded nomenclated key caps are available for  
mini-mom switch applications. See Push Button section of  
Common Design Parts Catalog #2

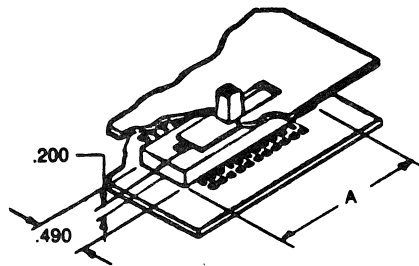
Figure 5 consists of any basic mini-mom assembly with cap part number  
366-2147-00.

Part Number	Codes <sup>b</sup>		Figure	A	B	Cap Part No.	Cap Material Part No.	Cap Color	Lightable
	Cost	ST							
263-0019-00	.562	CR	1	.235	.510				Yes
263-0019-01	.804	CR	2	.305	.510	426-1386-00	ABS 255-0376-00	Silver Gray	Yes
263-0019-03	.711	CR	3	.305	.370	366-1730-00	ABS 255-0376-00	Silver Gray	No
263-0019-04	.885	CR	4	.305	.370	366-1731-00	ABS 255-0376-00	Silver Gray	No
263-0019-05	7.093	CS	6	.410	.370	366-1760-00	ABS 255-0302-00	Med Gray	No
263-0019-06	.805	CR	6	.410	.370	366-1760-01	Polycarbonate 255-0327-00	White	Yes
263-0019-07	7.085	CS	6	.410	.370	366-1760-02	ABS 255-0683-00	Orange	No
263-0019-08	7.003	CS	6	.410	.370	366-1760-03	ABS 255-0682-00	Blue	No
263-0019-09	.537	CR	1	.235	.370				Yes
263-0019-30	.888	CR	3	.305	.370	366-1730-01	ABS 255-0644-00	Blue	No
263-0019-35	.982	CR	2	.305	.510	426-1386-02	ABS 255-0644-05	Ivory Gray	Yes
263-0019-36	.886	CR	3	.305	.370	366-1730-02	ABS 255-0644-03	Slate Gray	No
263-0019-37	1.060	CR	4	.305	.370	366-1731-01	ABS 255-0644-05	Ivory Gray	No
263-0019-38	.889	CR	3	.305	.370	366-1730-03	ABS 255-0644-05	Ivory Gray	No
263-0019-39	.630	CR	1	.305	.510				Yes
263-0019-40	.808	CR	2	.305	.370	426-1386-01	255-0302-00	Med Gray	Yes
263-0019-41	.712	CR	3	.235	.370	366-1730-04	255-0302-00	Med Gray	No
263-0019-42	.605	CR	1	.305	.370				Yes
263-0019-43	.768	CR	2	.305	.510	426-1386-03	255-0644-03	Slate Gray	Yes
263-0020-00	.531	CR	7	.235					Yes
263-0020-01	.769	CR	8	.235		426-1386-01	ABS 255-0302-00	Med Gray	Yes
263-0020-02	.769	CR	9	.235		366-1798-00	ABS 255-0302-00	Med Gray	No

<sup>a</sup> These switches are custom design. Contact Betty Boyer (627-1628), Electromechanical Design for availability and specifications.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

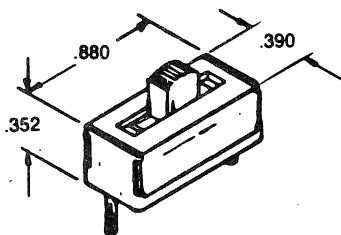
# TEK-MADE ELECTRO-MECHANICAL COMPONENTS<sup>a</sup>



## LOW PROFILE SWITCH

Contact Rating 250 mA Max @ 30 VDC  
Board Mounted  
2 contacts of 2 tracks each or 1 contact of 4 tracks each.

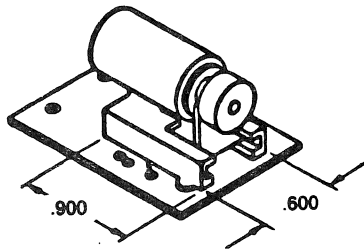
Available Positions	Max Travel	Travel Per Position	A
2 of 3	.150	.150	1.230
2 of 6	.150	.150	1.680
3 of 3	.300	.150	1.230
4 of 6	.450	.150	1.680
6 of 6	.750	.150	1.680
8 of 8	.700	.100	1.680



## 3-POSITION SLIDE SWITCH

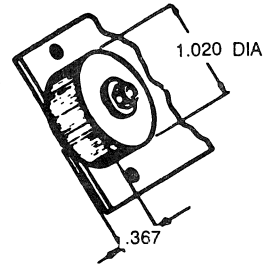
Rating 250 mA Max @ 30 VDC  
Board Mounted

Part Number	Contacts	Codes <sup>b</sup>	
		Cost	ST
105-0661-00	2	1.122	CR
263-0049-00	3	1.548	CS



## SLIDE PUSH-PUSH SWITCH

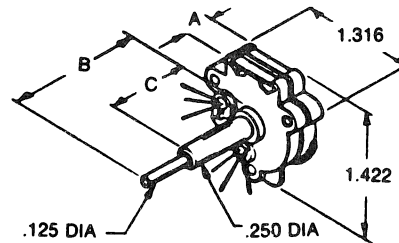
Contact Rating 250 mA Max @ 30 VDC  
Board mounted, usually behind a cam switch.  
Available in push-pull and push-push only.  
Maximum of 4 contacts for low-frequency or maximum of 3 contacts for high-frequency.



## ROTARY OPTICAL SWITCH (THUMBWHEEL)

Part Number	Counts/Rev.	Detented	Power Supply	Codes <sup>b</sup>	
				Cost	ST
263-0073-03	44 Max	No	+5V	11.787	CR

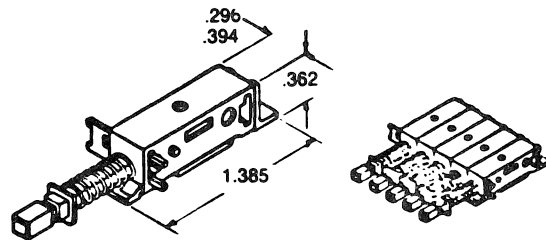
.5 to 1.0 in. oz. torque.  
Board Mounted  
The phototransistors of these switches produce quadrature square wave outputs for incremental counting.



## OS1 ROTARY OPTICAL SWITCH

Part Number	Description	Detented	Counts/Rev	A	B	C	Codes <sup>b</sup>	
							Cost	ST
263-0027-00	Dual Concentric	Yes	28 & 44 Max	.366	1.336	.936	11.067	CR
263-0054-01	Single Unit	No	28 Max	.286	None	1.025	11.404	NP
263-0090-00	Dual Concentric	Yes	28 & 44 Max	.366	1.765	1.485	11.404	CR

Board Mounted  
The phototransistors of these switches produce quadrature square wave outputs for incremental counting.



## MODULAR BUTTON SWITCH

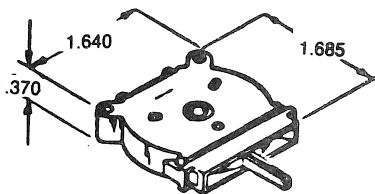
Contact Rating 250 mA Max @ 30 VDC  
Board Mounted  
Switch function selections are momentary, push-push, cancel, and latching

Button Spacing	7.5mm	10mm	15mm	20mm
Min. Button Spacing	.296	.394	.591	.788
Max. Button Per Assembly	10	8	5	4
Max. # of Poles Per Switch	2	4	2	4

<sup>a</sup> These switches are custom design. Contact Betty Boyer (627-1628) in Electromechanical Design for availability and specifications.

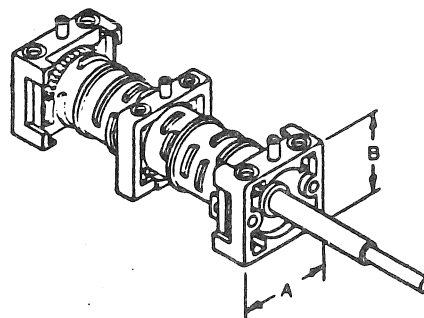
<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# TEK-MADE ELECTRO-MECHANICAL COMPONENTS<sup>a</sup>



## LS2 LEVER SWITCH

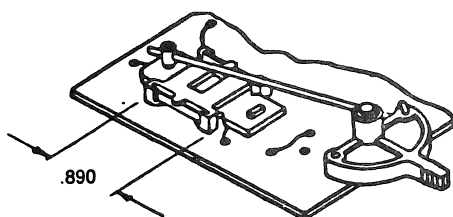
Contact Rating 250 mA Max @ 30 VDC  
Board mounted on either or both sides of board.  
Maximum 3 contacts of 4 tracks each or maximum of 6 contacts of 2 tracks each usable in a maximum of 10 positions.



## ROTARY CAM SWITCH

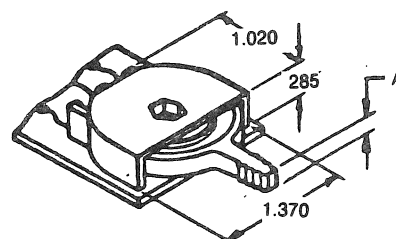
Contact Rating 250 mA Max @ 30 VDC  
Board Mounted  
Single or dual concentric with clearance for pot shaft.

Drum Dia.	Minimum Elements	Maximum Elements	Contact Frequency	Drum Logic	A	B
.830	3	40	Low	Cut or Molded	1.136	.976
.800	3	30	High	Cut or Molded	1.136	.976
.300	3	28	Low	Cut	1.060	.719
.454	3	28	Low	Cut	.860	.598



## SLIDE (LEVER ACTUATED) SWITCH

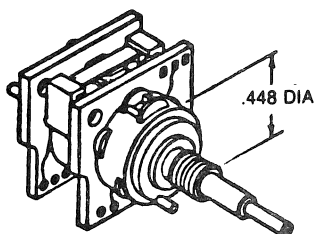
Contact Rating 250 mA Max @ 30 VDC  
Board Mounted  
Available in 2 to 6 positions and high and low frequency contacts.  
Maximum 2 sliding contacts of 4 tracks each or cam actuated  
Contacts 8 - LF contacts, 6 - HF contacts



## PANCAKE LEVER SWITCH

Contact Rating 250 mA Max @ 30 VDC  
Board mounted, on either or both sides of board.  
Max 2 contacts of 3 tracks each or 1 contact of 3 tracks and 2 contacts of 2 tracks.

Available Positions	Degree of Throw	A
3	26°, 15'	.188
3, 1 Mom	17° 30'	.188
Center 4 of 6	14°	.150
Top 4 of 6	14°	.188
5	17° 30'	.188
Top 5 of 6	14°	.188
6	14°	.150 & .188

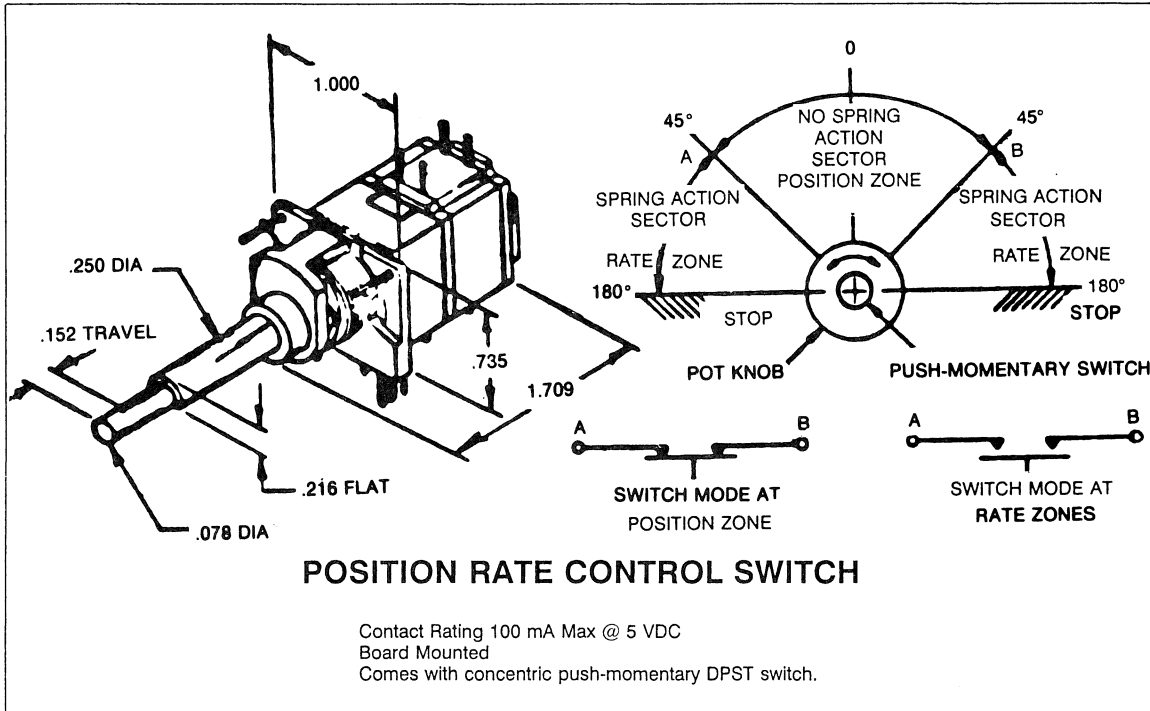


## MINI ROTARY SWITCH

Contact Rating 250 mA Max @ 30 VDC  
Board mounted or panel mount.  
Maximum 2 contacts of 2 or 3 tracks per board  
Minimum of 2 and maximum of 18 positions per switch.  
Single or dual concentric.

<sup>a</sup> These switches are custom designed. Contact Betty Boyer (627-1628), Electromechanical Design for availability and specifications.

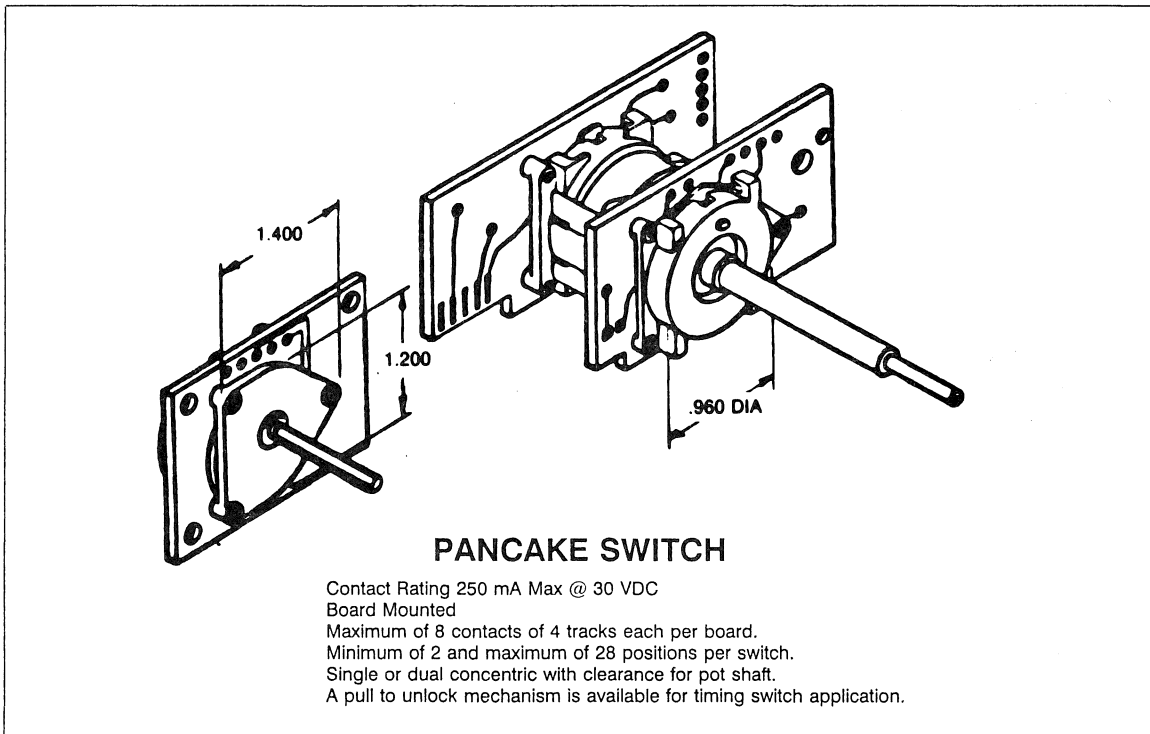
# TEK-MADE ELECTRO-MECHANICAL COMPONENTS<sup>a</sup>



**POSITION RATE CONTROL SWITCH**

Contact Rating 100 mA Max @ 5 VDC  
Board Mounted  
Comes with concentric push-momentary DPST switch.

Part Number	Codes <sup>b</sup>		Pot Resistance
	Cost	ST	
263-0072-00	56.378	CS	5 kΩ



**PANCAKE SWITCH**

Contact Rating 250 mA Max @ 30 VDC  
Board Mounted  
Maximum of 8 contacts of 4 tracks each per board.  
Minimum of 2 and maximum of 28 positions per switch.  
Single or dual concentric with clearance for pot shaft.  
A pull to unlock mechanism is available for timing switch application.

<sup>a</sup> These switches are custom designed. Contact Betty Boyer (627-1628), Electromechanical Design for availability and specifications.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

**ELECTRO-MECHANICAL CATALOG 4**

**SECTION 5 SWITCHES: POWER, SLIDE,  
TOGGLE, DIP, ROCKER, LEVER, LOGIC  
& ROTARY**





## SECTION 5

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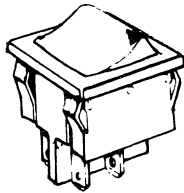
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SWITCH MOUNTING (062-3762-00)  
TEK COMPONENT MOUNTING STANDARDS

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- 062-1732-03 C Series
- 062-1732-04 D Series
- 062-1732-05 E Series
- 062-1732-06 F Series
- 062-1732-07 H Series
- 062-1732-08 M Series

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

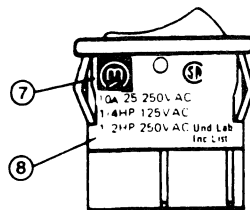
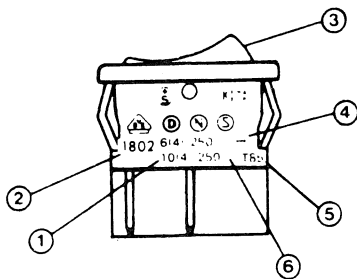
## SWITCH SAFETY MARKINGS



With proliferating international and domestic safety requirements, an engineer can easily get caught in the "safety squeeze." Before you know it, you're designing an instrument around safety-rated components, instead of choosing the most appropriate part for your design.

There's a way to relieve this squeeze, though. Use the markings on safety-rated components as a guide for choosing and applying these parts.

As an example, we part-numbered a rocker switch (P/N 260-1961-00) which holds a variety of safety approvals (see illustration below). The various safety symbols make it immediately apparent which countries accept the part, and which ones do not.



1. Rated current, motor load and voltage
2. Manufacturer's number
3. "Off" indicator marking
4. Symbol for frequent operation
5. Temperature limit (if exceeding 55°C)
6. Symbol for nature of supply
7. Manufacturer's trademark
8. Rated current, motor load and voltage

## INTERNATIONAL MARKINGS

Symbol ① denotes the current and voltage ratings for the device. In this case, 6(4)250 means a 6-amp resistive load a 4-amp motor load, at 250 volts. When our applications are inductive or capacitive, we can use the device at only one-half rated amperage (3A @ 250V). We are also limited to 3 amps 125 volts because there is no rating at that voltage. same considerations apply to the second current and voltage rating (10(4)/250).

The symbol ~ following the current and voltage ratings denotes alternating current (--- denotes DC, ≅ denotes AC/DC).

If the device is approved for frequent operation, this symbol + + + will appear. In this case, frequent operation is permissible only when operating at the rated resistive load.

Temperature limits are usually specified on a device package when the part can tolerate ambient temperatures above 55°C. Here, the marking T85 means the maximum operating temperature is 85°C.

Another very important international marking does not appear on this device. The micro-gap construction symbol (μ) means the switch has a contact operating which is less than 3 mm. This type of switch is not recommended as the only means of disconnecting an appliance from the supply.

A final marking appears on the rocker of the switch. When visible, the marking "O" indicates the switch is off. This symbol is fast becoming a standard in Europe.

## DOMESTIC MARKINGS

The opposite side of this switch holds domestic safety markings. Here, 6A 125-250 VAC describes the resistive rating. Application considerations are the same as for international current and voltage ratings (3 amps at 125V/250V maximum). The motor ratings (1/4 HP 125 VAC, 1/2 HP 250 VAC) generally do not relate to our applications.

The other markings include UL and CSA symbols as the manufacturer's (Marquardt) trademark.

Following is a list of the major international and domestic test authorities and their respective insignias:



UL - Underwriters Laboratories



CSA - Canadian Standards Association



DEMKO - Denmark



KEMA KEUR - Holland



NEMCO - Norway



OVE - Austria



SEMKO - Sweden



SEV - Switzerland



VDE - Germany

BSI - British Standards Institution

CSE - Denmark

JETL - Japanese Electrical Test Lab

**SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES**

**SWITCHES  
POWER**

Ratings		Switch Logic	Type	Certification	Part Number	Codes <sup>a</sup>		
Amps	VAC					ND	Cost	ST
4	250	DPST	Push, Solder Lug Terminal	UL, CSA & VDE	260-2047-00 <sup>b</sup>	A	2.280	CR
4	250	DPST	Push, Circuit Board Terminal & Solder Key	UL, CSA, VDE	260-2047-01		2.510	CR
4	250	DPDT	Push, Circuit Board Terminal	UL, CSA & VDE	260-1849-00 <sup>b</sup>	A	1.660	CS
4	250	DPDT	Push, Circuit Board Terminal & Solder Lug	UL, CSA & VDE	260-1849-01	A	1.890	CS
4	250	DPDT	Push, Solder Lug Bracket Mount	UL, CSA & VDE	260-1849-02	A	2.230	CR
4	250	DPDT	Push, Circuit Board Terminal & Solder Lug	UL, CSA & VDE	260-1849-04	A		DL
4/2	125/250	DPDT	Slide, Circuit Board Mount (115 V/230 V)	UL, CSA & VDE	260-1934-00	A	.819	PP
4/2	125/250	DPDT	Slide, Circuit Board Mount (115 V/230 V)	UL, CSA & VDE	260-1935-01	A	1.160	CR
5	120	4PTT	Toggle, Solder Lug Terminal		260-1447-00		3.390	CR
5	125	SPDT	Toggle (on-on)		260-0643-00		5.600	CR
5/2	120/250	SPDT	Toggle, Solder Lug Terminal		260-0613-00		1.810	CR
6	120	DPST	Slide, Circuit Board Terminal	UL	260-2190-00		1.960	CR
6	250	DPDT	Rocker, Quick Connect Terminal	UL, CSA & VDE	260-1961-00 <sup>b</sup>	A	.930	CR
6/3	125/250	DPDT	Rocker, Solder Lug Terminal	UL, CSA, VDE	260-2189-00 <sup>b</sup>		4.680	CS
8	250	DPST	Toggle, Screw Type Terminal	UL, CSA & VDE	260-1901-00 <sup>b</sup>	A	2.500	CR
10	125/250	DPST	Push, Solder Terminal, Lighted	UL, CSA & VDE	260-1957-00	A	9.100	CS
10	125/250	DPST	Push, Solder Terminal, PB 366-1792-00	UL, CSA & VDE	260-1958-00	A		DL
10/5	125/250	DPDT	Slide (Marked 115 V/230 V)	UL, CSA & VDE	260-1967-00 <sup>b</sup>	A	.730	CR
10/5	125/250	DPDT	Slide, Solder Lug Terminal	UL, CSA & VDE	260-1967-01 <sup>b</sup>	A	.970	CR
10/5	125/250	DPDT	Slide, Circuit Board Mount (115 V/220 V)	UL, CSA & VDE	260-2042-00 <sup>b</sup>		1.120	CR
10/5	125/250	DPDT	Slide, Circuit Board Mount, Flush Actuator	UL, CSA & VDE	260-2116-00 <sup>b</sup>		.860	CR
10/5	125/250	DPDT	Slide, Circuit Board Mount	UL, CSA & VDE	260-2116-01 <sup>b</sup>		.930	CR
15/10	125/250	DPDT	Toggle, Solder Lug Terminals	UL & CSA	260-0276-00		2.610	CR
16	250	DPST	Rocker, Quick Connect Terminal	UL, CSA & VDE	260-1902-00 <sup>b</sup>	A	1.061	CR
16	250	DPST	Rocker, Quick Connect (on-off)	UL, CSA & VDE	260-1842-00	A	1.300	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

NOT RECOMMENDED FOR NEW DESIGN

SWITCHES (cont)

POWER (cont)

Ratings		Switch Logic	Type	Certification	Part Number	Codes <sup>a</sup>		
Amps	VAC					ND	Cost	ST
.5	125	DPDT	Slide, Solder Lug Terminal	UL	260-1195-00	N	1.060	CR
.5	125	4PDT	Slide, Solder Lug Terminal	UL	260-0987-00	N	.680	CR
3	125	SPDT	Toggle, Solder Lug Terminal	UL	260-0784-00	N		OB
3	125	SPDT	Push, Quick Connect Term. Lever Act.		260-1439-00	N	2.160	CR
3	125	4PDT	Slide, Solder Lug Terminal		260-1553-00	N	.965	CS
3	125	DPDT	Slide, Solder Lug Terminal	UL & CSA	260-1780-00 <sup>b</sup>	N	.500	CR
3	125 VRMS	DPDT	Slide, Circuit Board Mount	UL & CSA	260-1776-00	N	.540	CS
3	125 VRMS	DPDT	Slide, Solder Lug Terminal		260-1300-02 <sup>b</sup>	N	.580	CS
3	125 VRMS	DPDT	Slide, Solder Lug Terminal		260-1300-01	N	.720	CR
3	125 VRMS	DPDT	Slide, Solder Lug Terminal	UL & CSA	260-1300-00 <sup>b</sup>	N	.470	CR
3	250	SPST	Toggle, Solder Lug Terminal	UL	260-0134-00	N	1.690	CS
3	250	DPST	Toggle, Solder Lug Terminal		260-0676-00 <sup>b</sup>	N		OB
3/1.5	125/250	DPDT	Slide, Circuit Board Mount (115 V/230 V)	UL & CSA	260-1399-00 <sup>b</sup>	N	.630	CS
3/1.5	125/250	DPDT	Push, Circuit Board Mount		260-1768-00	N	1.370	CS
4	250	DPDT	Push, Circuit Board Terminal & Solder Lug	UL, CSA & VDE	260-1849-05 <sup>b</sup>	N	1.660	CR
.4 VA/10	28/250	DPST	Push, Lighted Alternate Action		260-1692-00	N	15.510	LR
4/2	125/250	DPDT	Slide, Right Angle Circuit Board Mount (115 V - 230 V)	UL, CSA & VDE	260-1933-00 <sup>b</sup>	N		NP
5	125	SPDT	Precision, Lever Actuator		260-1517-00	N		OB
5	125	SPDT	Precision, Roller Actuator		260-1516-00	N	1.500	CS
5	125/250	SPDT	Precision, Lever Actuator		260-0516-00	N	3.150	CR
5	125	DPDT	Precision, Quick Connect Terminal	UL & CSA	260-1518-00	N	1.550	CR
5	115	DPDT	Push, Momentary, Lighted		260-0919-00	N	25.680	CR
5/2	120/250	DPDT	Toggle "D" Bushing	UL & CSA	260-0834-00 <sup>b</sup>	N	1.060	CR
5/2	125/250	DPDT	Rocker, Solder Lug Term., Lighted Grn Lens	UL & CSA	260-1837-00 <sup>b</sup>	N	1.920	CR
6	125	DPDT	Toggle		260-0014-00	N	2.792	CR
6	125	DPST	Toggle, Solder Lug Terminal	UL, & CSA	260-1113-00	N	1.482	CS
6/1	125/250	SPDT	Toggle, Solder Lug Terminal	UL	260-0209-00	N	1.991	CR
6/3	125/250	DPDT	Lock, Solder Lug Terminal	UL	260-1695-00	N		OB
10	125	SPDT	Push, Lighted Alternate Action		260-1469-00	N		OB
10	125/250	SPDT	Precision, Push Actuator	UL & CSA	260-0760-00	N	1.279	CR
10	125/250	DPDT	Push-pull, Quick Connect Terminal	UL & CSA	260-1497-00 <sup>b</sup>	N	1.650	CR
10	125/250	DPDT	Push-pull, Snap Mount, Quick Conn. Term	UL & CSA	260-1222-00 <sup>b</sup>	N	1.550	CR
10	125/250	DPDT	Push-pull, Snap Mount, Quick Conn. Term.	UL, CSA & VDE	260-1222-01	N	1.950	CS
10/8	125/250	DPST	Rocker, Quick Connect Terminal	UL & CSA	260-1775-00	N	2.630	CS
10/8	125/250	DPDT	Rocker, Snap Mount	UL & CSA	260-1490-00 <sup>b</sup>	N	1.510	CS
10	250	SPDT	Slide, Solder Lug Terminal	UL & CSA	260-1909-00	N	1.430	CR
10	250	DPST	Rocker, Quick Connect Terminal	UL	260-1179-00	N	2.270	CS
10	250	DPDT	Toggle, Solder Lug Terminal	UL	260-0778-00	N		OB
15	125	SPST	Toggle, Solder Lug Terminal	UL	260-0199-00	N	2.110	CS
15	125/250	SPST	Push, Precision Actuator		260-1035-00	N		OB
15	250	SPST	Push, Quick Connect Terminal	UL & CSA	260-1368-01	N	1.330	CR
15/10	125/250	DPST	Toggle, Rocker, Lighted Quick Connect	UL & CSA	260-1804-00	N	1.960	CR
15/10	125/250	DPST	Toggle, Solder Terminal	UL & CSA	260-1805-00	N	3.570	CR
15/10	125/250	DPST	Rocker, Solder Lug Terminal	UL & CSA	260-1198-00	N	3.150	CR
15	125	DPST	Toggle, Quick Connect Terminal		260-1060-01 <sup>b</sup>	N	4.230	CR
15	125/250	DPST	Push, Solder Lug Terminal	UL	260-1709-00 <sup>b</sup>	N	3.720	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

**SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES**

**DO NOT USE  
SWITCHES  
POWER**

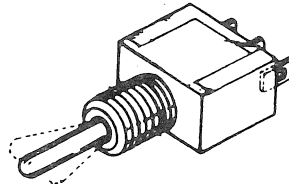
Ratings		Switch Logic	Type	Certification	Part Number	Codes <sup>a</sup>		
Amps	VAC					ND	Cost	ST
16	125	DPST	Rocker, Marked On-off	UL, CSA, VDE	260-1583-00	N	1.180	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES

SWITCHES (cont)

TOGGLE



Switch Logic	Ratings		Terminals	Other	Size	Part Number	Codes <sup>a</sup>		
	Amps	VAC					ND	Cost	ST
SPST (off-none-on)	.1	5 VDC	Circuit Board			260-2130-00		1.760	CR
SPST	.15	150				260-2228-00 <sup>b</sup>		8.090	CR
SPDT (on-off-on)	.1	5	Circuit Board	Right Angle	.315 x .236	260-2239-00		1.710	CR
SPDT (mom-off-mom)	.25	28 VDC	Circuit Board	Paddle (Ivory, Gray)	.630 x .400	260-2100-00		1.490	CS
SPDT (on-off-on)	.4 VA	20	Circuit Board		.500 x .270	260-1809-00	A	.860	CR
SPDT (mon-off-mom)	.4 VA	20	Circuit Board		.500 x .270	260-2107-00		1.800	CR
SPDT	.4 VA	20	Circuit Board		.500 x .270	260-2106-00		2.000	CR
SPDT	.4 VA	20	Solder Lug		.500 x .270	260-1986-00		1.280	CR
SPDT (on-none-on-mom)	.4 VA	20	Circuit Board	Paddle w/Bezel (Black)	.500 x .485	260-1867-00 <sup>b</sup>	A	1.590	CR
SPDT (on-none-on)	.4 VA	20	Solder Lug	Gray Plastic Toggle		260-2012-00		1.560	CS
SPDT	.4 VA	20	Solder Lug	Paddle	.500 x .270	260-1930-00		1.580	CR
SPDT (on-on)	.4 VA	20	Solder Lug	Paddle, Bezel w/LED (Blk)	.500 x .475	260-1822-00	A	1.140	CS
SPDT (on-none-on)	.4 VA	20	Circuit Board	Paddle w/Bezel (White)	.270 x .500	260-1981-00			DL
SPDT (on-none-on)	.4 VA	20	Circuit Board	Paddle w/Bezel (White)	.270 x .500	260-1982-00			DL
SPDT (on-none-on)	3	250	Solder Lug	Right Angle	.500 x .260	260-2370-00		3.890	CR
SPDT(on-on)	5	120	Circuit Board		.288 x .500	260-2321-00		1.790	PP
SPDT(mon-on-off-mom-on)	5	120	Solder Lug		.500 x .270	260-1485-00	A	.920	CR
SPDT (on-on)	5	120	Circuit Board		.500 x .270	260-1335-00	A	1.040	CR
SPDT (on-off-on)	5	120	Solder Lug		.500 x .270	260-1206-00	A	1.010	CR
SPDT (on-on)	5	115	Solder Lug		.500 x .270	260-0613-00	A	1.810	CR
SPDT	5	120	Solder Lug		.500 x .270	260-2128-00			OB
SPDT	5	120	Circuit Board	Paddle w/Bezel (Black)	.500 x .270	260-1868-00	A	1.610	CR
DPST (on-none-off)	8	250	Screw Type		1.960 x .844	260-1901-00 <sup>b</sup>	A	2.500	CR
DPST (on-none-off)	15	125	Solder Lug		1.187 x .750	260-1805-00	A	3.570	CR
DPDT (on-off-on)	.1	50 VDC	Circuit Board		.373 x .315	260-2162-00		2.870	CR
DPDT (on-on-on)	.4	20	Circuit Board		.500 x .450	260-2185-00		4.740	CR
DPDT (on-off-on)	.4 VA	20	Solder Lug		.514 x .514	260-2125-00		2.000	CR
DPDT (on-on-on)	.4 VA	20	Circuit Board		.500 x .440	260-1894-00	A	4.800	CR
DPDT (on-off-on)	.4 VA	20	Circuit Board		.360 x .320	260-1841-00	A	3.540	CR
DPDT (on-off)	.4 VA	20	Solder Lug		.36C x .360	260-1797-00	A	2.620	CR
DPDT(mom-on-on-mom-on)	.4 VA	20	Solder Lug		.500 x .460	260-1727-00	A	2.060	CR
DPDT (on-none-on)	.4 VA	20	Circuit Board	Bent Leads	.500 x .450	260-1893-00		1.870	CS
DPDT	.5	30 VDC	Circuit Board		.390 x .390	260-2232-00		3.000	CR
DPDT (on-none-on)	.4 VA	20	Circuit Board		.500 x .450	260-1947-00	A	1.480	CS
DPDT (on-off-on)	.4 VA	20	Solder Lug	Gray Plastic Toggle	.433 x .350	260-2013-00		2.070	CS
DPDT	.4 VA	20	Circuit Board		.500 x .500	260-1871-00	A	1.940	CS
DPDT (on-off-on)	.4 VA	20	Circuit Board		.516 x .466	260-2067-00		2.160	CR
DPDT (on-none-on)	3	250	Solder Lug		.750 Square	260-2119-00		9.500	CR
DPDT (on-none-on)	5	120	Solder Lug	Gray Plastic Toggle		260-2010-00		5.600	CS
DPDT (on-off-on)	5	120	Solder Lug	Gray Plastic Toggle		260-2011-00		2.440	CS
DPDT	6	120	Solder Lug		.750 x .750	260-2195-00		4.640	OT
DPDT	7.5	125	Circuit Board		.500 x .450	260-2346-00		3.250	CR
DPDT (on-none-on)	10	125	Solder Lug		.750 x .750	260-1921-00		3.400	CS
3PDT (on-off-on)	15	125	Solder Lug		1.312 x 1.093	260-2175-00		4.650	CR
4PDT (on-none-on)	3	250	Solder Lug		.850 x .500	260-1840-00	A	5.100	CR
4PDT (on-on-on)	5	120	Solder Lug		.850 x .500	260-1447-00	A	3.390	CR
4PDT	5	120	Circuit Board		.850 x .500	260-2347-00		6.500	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES

**NOT RECOMMENDED FOR NEW DESIGN**

**SWITCHES (cont)**

**TOGGLE (cont)**

Switch Logic	Ratings		Terminals	Other	Size	Part Number	Codes <sup>a</sup>	
	Amps	VAC					Cost	ST
SPST (off-on)	3	250	Solder Lug		.874 x .500	260-0134-00	1.690	CS
SPST (off-none-on)	15	125	Solder Lug		.900 x .400	260-0199-00	2.110	CS
SPDT (on-off-on)	.4 VA	20	Circuit Board		.620 x .320	260-1870-00	1.260	CS
SPDT (on-none-on)	.4 VA	20	Circuit Board		.620 x .320	260-1869-00	1.200	CS
SPDT (on-on)	.4 VA	20	Circuit Board	Paddle (Black)	.620 x .320	260-1915-00	1.800	CS
SPDT (on-on-mom)	.4 VA	20	Circuit Board	Paddle (Black)	.620 x .320	260-1912-00	1.700	CS
SPDT (on-on)	1	250	Solder Lug			260-0209-00	1.991	CR
SPDT (on-on)	3	125	Solder Lug		1.500 x .500	260-0784-00		OB
SPDT (on-off-mom-on)	5	115	Solder Lug		.500 x .250	260-0614-00	1.120	CR
DPST	3	250	Solder Lug			260-0676-00 <sup>b</sup>		OB
DPST (on-none-off)	3	250	Solder Lug		1.171 x .702	260-0515-00		OB
DPST (on-on)	5	125	Solder Lug		.500 x .500	260-0642-00	10.000	CS
DPST (on-none-off)	6	125	Solder Lug	Green Toggle	1.156 x .685	260-1113-00	1.482	CS
DPST (on-none-off)	10	250	Solder Lug		1.312 x .750	260-1196-00	5.160	CS
DPST (off-on)	15	125	Quick Connect		1.328 x .750	260-1060-01 <sup>b</sup>	4.230	CR
DPST (off-none-off)	15	125	Solder Lug		1.313 x .755	260-0276-00	2.610	CR
DPDT (on-on)	5/2	120/150 VDC	Solder Lug		.500 x .450	260-0834-00	1.060	CR
DPDT (mom-on-on-mom-on)	.4 VA	20	Circuit Board	Paddle (Black)	.620 x .320	260-1914-00	2.640	CR
DPDT (on-on-on)	.4 VA	20	Circuit Board	Paddle (Black)	.620 x .320	260-1913-00	3.950	CS
DPDT (on-on)	1	250	Solder Lug			260-0778-00		OB
DPDT (on-mom-on)	2	115	Solder Lug		.560 x .540	260-0397-00		OB
DPDT (on-off-on)	2	115	Solder Lug		.546 x .546	260-0396-00		OB
DPDT (on-on-on)	3	115	Solder Lug		.562 x .546	260-0446-00	10.600	CS
DPDT (on-on)	5	110	Solder Lug		.650 x .500	260-1615-00	5.990	CS
DPDT	6	125	Solder Lug			260-0014-00	2.792	CR
DPDT (on-on)	7	28 VDC	Solder Lug		.500 x .500	260-0511-00		OB
4 PDT (on-on)	5	115	Solder Lug		.826 x .532	260-0715-00		OB

**DO NOT USE IN NEW DESIGN  
SWITCHES**

**TOGGLE**

Switch Logic	Ratings		Terminals	Other	Size	Part Number	Codes <sup>a</sup>	
	Amps	VAC					Cost	ST
SPDT (on-on)	5	50	Solder Lug		.510 x .265	260-0643-00	5.600	CR
DPDT (on-none-on)	5	120 VDC	Solder Lug			260-0800-00		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled



## SWITCHES (cont)

### SLIDE

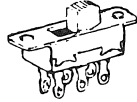


FIGURE 1

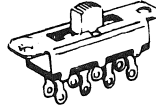


FIGURE 2

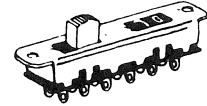


FIGURE 3

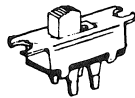


FIGURE 4

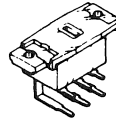


FIGURE 5

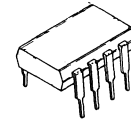


FIGURE 6

Switch Logic	Ratings		Terminals	Other	Knob Color	Fig	Part Number	Codes <sup>a</sup>		
	Amps	VAC						ND	Cost	ST
SPST	.05	24 VDC	Circuit Board	12 Position DIP			260-2263-00		2.220	CR
SPST	.1	50					260-2237-00		1.530	OT
SPST	.4 VA	20 VDC	Circuit Board	4 Position, 8 DIP		6	260-2360-00		.520	CR
SPDT	.05/.125	30/30	Circuit Board	DIP		6	260-2302-00		2.750	PP
SPDT	.4	20	Circuit Board	3 Terminals		5	260-2164-00		.960	CR
SPDT	.4	20	Circuit Board	Flush Actuator, 3 Terminals			260-2081-00		1.890	CR
SPDT	.4 VA	20	Circuit Board			5	260-2153-00		1.380	CR
SPDT	.5	125	Solder Lug	Rocker	Gray	1	260-1619-00		1.309	CS
SPDT	10	250	Solder Lug			1	260-1909-00	A	1.430	CR
DPST	.05	24 VDC	Circuit Board	5 Power, Low Profile Actuator, DIP			260-2098-00		2.360	CR
DPST	6	120	Circuit Board	90° Offset Solder Tails		5	260-2190-00 <sup>b</sup>		1.960	CR
DPDT	.5	125	Solder Lug		Black	1	260-1833-00	A	.766	CR
DPDT	.5	125	Solder Lug		Black	1	260-1812-00	A	.520	CR
DPDT	.5	125	Circuit Board	No Mounting Tabs		1	260-1811-00	A	.310	CR
DPDT	.5	125	Solder Lug	4-40 NC-2B (Mounting Holes)	Black	1	260-2066-00		.660	CS
DPDT	.5	125	Circuit Board		Black	4	260-1470-00	A	.900	CR
DPDT	1	125	Circuit Board	No Mounting Tabs	Black	1	260-1641-00	A	2.210	CR
DPDT	2	250	Circuit Board	Flush Actuator, 115 V/230 V		1	260-1934-00	A	.819	PP
DPDT	2	250	Circuit Board	No Mounting Tabs, Flush Actuator		1	260-1935-01	A	1.160	CR
DPDT	3	125 VRMS	Solder Lug	Slotted Flush Actuator	Black	1	260-1780-00 <sup>b</sup>	A	.500	CR
DPDT	3	125 VRMS	Circuit Board	No Mtg Tabs, Slot Flush Actuator	Black	1	260-1776-00 <sup>b</sup>	A	.540	CS
DPDT	3/1.5	125/250	Circuit Board	No Mtg Tabs, Slot Flush Actuator	Black	1	260-1399-00 <sup>b</sup>	A	.630	CS
DPDT	5	250	Solder Lug	No Mtg Tabs, Flush Actuator, Hi-lo	Black	1	260-1980-00 <sup>b</sup>		1.380	CR
DPDT	5	250	Solder Lug	No Mtg Tabs, Flush Actuator, 115 V/230 V	Black	1	260-1980-01 <sup>b</sup>		2.660	CR
DPDT	5	250	Circuit Board	Flush Actr, 115 V/220 V, Right Angle Leads	Red	5	260-2042-00 <sup>b</sup>		1.120	CR
DPDT	5	250	Solder Lug	Marked Hi-lo, Flush Actuator	Red	1	260-2039-00 <sup>b</sup>		.750	CS
DPDT	5/10	250/125	Circuit Board		Red		260-2225-00		3.500	CR
DPDT	5	250	Solder Lug	Flush Actuator	Red	1	260-1967-00 <sup>b</sup>		.730	CR
DPDT	5	250	Solder Lug	Flush Actuator, Marked 100 V/200 V	Red	1	260-1967-01 <sup>b</sup>		.970	CR
DPDT	10	125	Circuit Board	Flush Actuator, No Mounting Tabs	Red	5	260-2116-00		.860	CR
DPDT	10/5	125/250	Circuit Board	Flush Actuator, Marked 115 V/230 V	Red	1	260-2147-00		.660	CR
DPTT	.5	125	Circuit Board	Lever Actuator, No Mounting Tabs	Gray	2	260-2033-00		.950	CR
DPTT	.5	125	Solder Lug			2	260-1920-00		1.760	CR

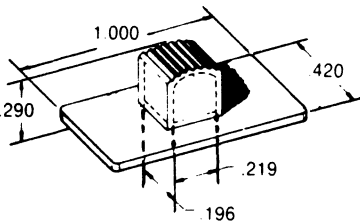
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES

## SWITCHES (cont)

### SLIDE (cont)



Description	Color	Part Number	Codes <sup>a</sup>	
			Cost	ST
Cover, Slide Switch	Gray	200-1480-00	.140	CR
Cover, Slide Switch	Charcoal Gray	200-1480-01	.107	CR
Cover, Slide Switch	Silver Gray	200-1480-02	.077	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN**

**SWITCHES (cont)**

**SLIDE (cont)**

Switch Logic	Ratings		Terminals	Other	Knob Color	Fig	Part Number	Codes <sup>a</sup>	
	Amps	VAC						Cost	ST
SPST	.5	125	Solder Lug		Gray	1	260-0451-00		OB
SPST	3	125	Solder Lug				260-0330-00		OB
SPDT	.1	50 VDC					260-2029-00	2.500	CS
SPDT	.5	125	Circuit Board	3 Round Terminal	Black		260-1116-00	1.840	CS
SPDT	.5	125	Solder Lug	Rocker	Gray	1	260-1334-00	1.300	CR
SPDT	.5	125 VDC	Solder Lug		Gray	1	260-0449-00	.860	CR
SPDT	.5	125	Solder Lug	Rocker	Gray	1	260-1274-00	1.300	CR
SPDT	.5	125	Solder Lug			1	260-0145-00		OB
SPDT	.5	125	Solder Lug		Gray	1	260-0968-00		OB
SPDT	.5	125	Solder Lug			1	260-0408-00		OB
SPTT	.5	125	Solder Lug	Pyramid Style Knob	Gray	1	260-0448-00		OB
DPST	.5	125	Solder Lug		Black	1	260-0144-00		OB
DPDT	.05	125	Circuit Board	Special Miniature	Black	4	260-1470-03	.940	CR
DPDT	.5	125	Circuit Board	No Mounting Tabs		1	260-1811-01	.310	CR
DPDT	.5	125	Circuit Board		Gray		260-0783-00		OB
DPDT	.5	125	Solder Lug	Slotted Flush Actuator		1	260-0447-00	.650	CR
DPDT	.5	125	Solder Lug	Slotted Flush Actuator		1	260-0675-00	.370	CR
DPDT	.5	125	Solder Lug	Slotted Flush Actuator			260-0675-01	2.926	CS
DPDT	.5	125	Solder Lug	Rocker	Gray	1	260-1273-00	2.641	CR
DPDT	.5	125	Solder Lug		Black	1	260-0212-00	2.380	CS
DPDT	.5	125	Solder Lug		Black	1	260-0583-00	.589	CR
DPDT	.5	125	Solder Lug				260-0903-00	.330	CS
DPDT	.5	125	Circuit Board	Lever Actuator, No Mounting Tabs	Gray	2	260-2032-00	.686	CS
DPDT	3	125 VRMS	Solder Lug	Slot Flush Actuator, 115/230 Marking		1	260-1300-00	.470	CR
DPDT	3	125 VRMS	Solder Lug	Slot Flush Actuator, 115/230 Marking		1	260-1300-01	.720	CR
DPDT	3	125 VRMS	Solder Lug	Slotted Flush Actuator		1	260-1300-02	.580	CS
DPDT	4	125	Solder Lug	Rocker	Gray	1	260-1620-00	1.809	CS
DPTT	.4	20	Solder Lug	Rocker	Gray	2	260-1640-02	2.990	CR
DPTT	.4	20	Solder Lug	Rocker	Gray	2	260-1642-01	3.030	LR
DPTT	.5	125	Circuit Board	No Mounting Tabs	Black	2	260-1731-00	3.490	CR
DPTT	.5	125	Solder Lug	Break Before Make	Gray	2	260-0450-00	.940	CR
DPTT	.5	125	Solder Lug		Black	2	260-1730-00	1.900	CR
DPTT	.5	125	Solder Lug	Slotted Flush Actuator	Black	2	260-1195-00	1.060	CR
3PDT	.5	125	Solder Lug		Gray	3	260-0969-00		OB
3PDT	.5	125	Solder Lug		Black	3	260-0867-00		OB
3PDT	.5	125	Solder Lug	Slotted Flush Actuator	Black	3	260-0747-00		OB
4PDT	.3	125	Circuit Board		Black	4	260-1608-00	.540	CS
4PDT	.5	125	Solder Lug		Black	3	260-0878-00	1.230	CR
4PDT	3	125	Solder Lug	Slotted Flush Actuator	Black	3	260-1553-00	.965	CS
4PDT	3	125	Solder Lug	Slotted Flush Actuator	Black	3	260-0987-00	.680	CR

Description	Color	Part Number	Codes <sup>a</sup>	
			Cost	ST
Cover, Slide Switch	Brown	200-1480-03		OB
Cover, Slide Switch	Orange	200-1480-04		OB
Cover, Slide Switch	Red	200-1480-05		OB
Cover, Slide Switch	Yellow	200-1480-06		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES

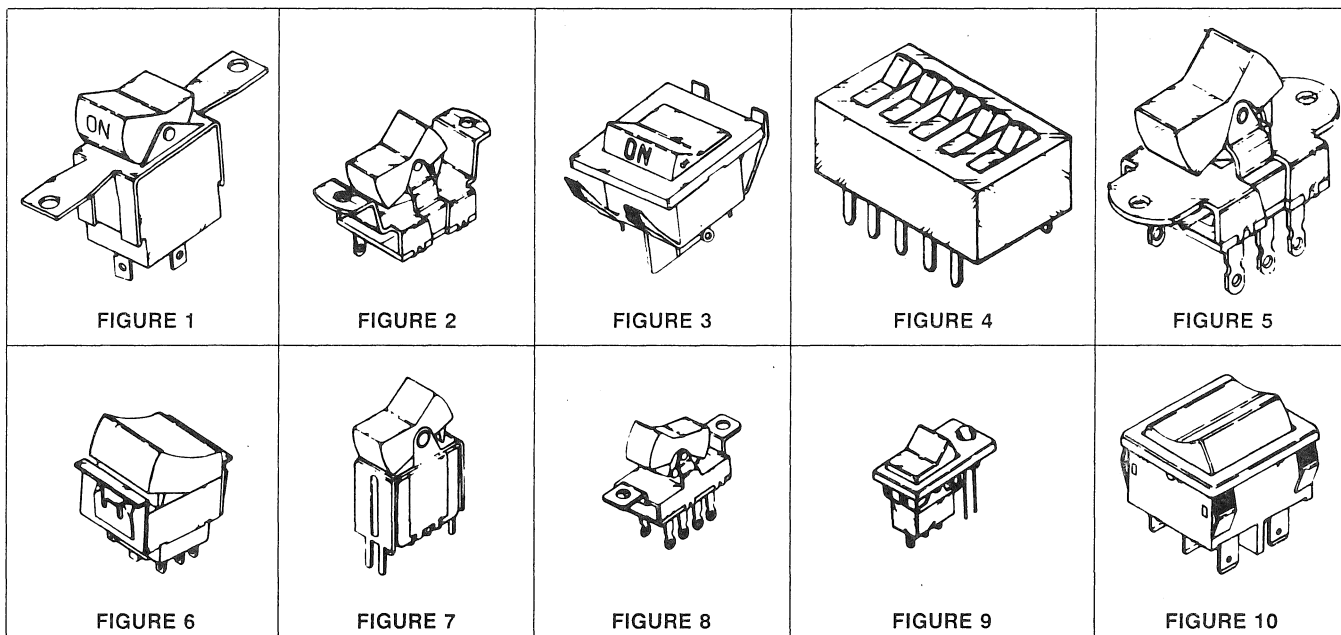
**DO NOT USE**  
**SWITCHES (cont)**  
**SLIDE (cont)**

Switch Logic	Ratings		Terminals	Other	Knob Color	Part Number	Codes <sup>a</sup>	
	Amps	VAC					Cost	ST
DPDT	.5	125	Solder Lug	Knob has White Groove No Mounting Tabs Marked "INT", No Mounting Tabs	Black	260-0816-00	.164	CS
DPDT	.5	125	Solder Lug		Black	260-0816-01		CS
DPDT	.5	125	Circuit Board		Black	260-0723-00	.695	CR
DPDT	.5	125	Circuit Board		Black	260-0723-01		CS
DPDT	.5	125	Solder Lug		Black	260-0583-01	.525	CR
DPTT	.5	125	Solder Lug	No Mounting Tabs No Mounting Tabs, w/Plastic Plate		260-1648-00	.440	CR
DPTT	.5	125	Circuit Board		Black	260-0984-00	.290	CR
DPTT	.5	125	Circuit Board		Black	260-0984-01	.296	CR
Form Z	.5	120 VDC	Circuit Board	No Mounting Tabs	Black	260-0960-00	.800	CR
Form Z	.5	125 VRMS	Circuit Board		Black	260-0960-01	.700	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## SWITCHES (cont)

### ROCKER



Switch Logic	Rating		Terminal & Type	Other	Rocker Color	Figure	Part Number	Codes <sup>a</sup>		
	Amps	VAC						ND	Cost	ST
4 SPST (on-off)	125 mA	30 VDC	Circuit Board	8 Terminal DIP	White	4	260-1965-00	A	1.120	CR
4 SPST	125 mA	30 VDC	Circuit Board	8 Terminal DIP		4	260-2233-00		2.400	CR
5 SPST (on-off)	125 mA	30 VDC	Circuit Board	10 Terminal DIP	White	4	260-1827-00	A	.690	CR
6 SPST (on-off)	125 mA	30 VDC	Circuit Board	12 Terminal DIP	White	4	260-1589-00	A	1.500	CR
6 SPST (on-off)	125 mA	30 VDC	Circuit Board	12 Terminal DIP	White	4	260-1589-01	A	1.190	CR
7 SPST (on-off)	125 mA	30 VDC	Circuit Board	14 Terminal DIP	White	4	260-2031-00		1.680	CR
8 SPST (on-off)	125 mA	30 VDC	Circuit Board	16 Terminal DIP	White	4	260-1721-00 <sup>b</sup>	A	.700	CR
8 SPST	125 mA	30 VDC	Circuit Board	16 Terminal DIP		4	260-2285-00		2.800	CR
10 SPST	125 mA	28 VDC	Circuit Board	20 Terminal DIP		4	260-2272-00	A	1.500	CR
8 PST	.4 VA	20 VDC	Circuit Board	16 Terminal DIP		4	260-2277-00 <sup>c</sup>		1.800	CR
SPST	6	250	Solder Lug			10	260-2236-00			DL
SPST	8	125/250, 28 VDC	Quick Connect	Snap-in	Black	3	260-2357-00			EN
SPST	30 mA	12	Solder Lug	w/2 #26 AWG Wires		10	260-2275-00		1.980	CR
SPST	30 mA	12	Solder Lug	w/2 #26 AWG Wires		10	260-2275-01			CR
SPST	30 mA	12 V	Quick Connect		Black	10	260-2349-00		.870	PP
SPST	125 mA	30 VDC	Solder Terminals	2-button, DIP		4	260-2383-00			EN
SPDT	.5	125	Wire Wrap		Gray	5	260-1619-00		1.309	CS
SPDT	125 mA	30 VDC	Circuit Board	16 Terminal DIP		4	260-2278-00		2.910	CR
SPDT (on-none-on)	.4 VA	20	Wire Wrap		Black	1	260-1916-00	A	1.750	CR
SPDT	.4	20	Quick Connect	Snap-in	Black	9	260-2152-00		1.820	CR
SPDT	.4 VA	20	Solder Lug	Snap-in	Black	9	260-1979-00	A	1.300	CR
SPDT	.5	125	Solder Lug				260-1217-00	A	1.140	CR
DPST	5	120	Solder Lug			1	260-1875-00		2.740	CR
DPST (on-off)	16	250	Quick Connect	Snap-in	Black	3	260-1902-00 <sup>b</sup>	A	1.061	CR
DPST (on-off)	16	250	Quick Connect	Standard Dual	Black	10	260-2341-00 <sup>b</sup>		1.720	CR
DPST (off-on)	16	250	Quick Connect	Snap-in	Black	3	260-1842-00	A	1.300	CR
DPST	6	250	Quick Connect	Snap-in	Black	10	260-1961-00 <sup>b</sup>	A	.930	CR
DPST (on-off)	.4	20	Solder Lug		Black	7	260-2241-00		1.770	CR
DPST	16	125/250	Quick Connect		Black	3	260-1583-02		.750	CR
DPDT	.4 VA	20	Quick Connect	Snap-in	Black	10	260-2028-00		1.940	CS
DPDT	5/2	125/250	Solder Lug	Snap-in w/o Lamp use T-1-3/4	Green (lens)	6	260-1837-00		1.920	CR
DPDT	6	120	Solder Lug		Black		260-2189-00		4.680	CR
DPDT (on-none-on)	6	125	Circuit Board	Snap-in	Black	5	260-2131-00		6.620	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

<sup>c</sup> Machine insertable.

SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES

**NOT RECOMMENDED FOR NEW DESIGN**  
**SWITCHES (cont)**  
**ROCKER (cont)**

Switch Logic	Rating		Terminal & Type	Other	Rocker Color	Part Number	Codes <sup>a</sup>	
	Amps	VAC					Cost	ST
SPDT	.4 VA	15	Circuit Board		Black	260-1911-00	2.350	CS
SPDT (maintained)	.01	15 VDC	Solder Lug	Snap-in	Gray	260-1772-00	2.660	CS
SPDT	.5	125	Solder Lug		Gray	260-1334-00	1.300	CR
SPDT	.5	125	Solder Lug		Gray	260-1274-00	1.300	CR
SPDT	.5	125	Solder Lug			260-1234-00		OB
DPST (on-off)	8	250	Solder Lug	Snap-in	Black	260-1775-00 <sup>b</sup>	2.630	CS
DPST (on-off)	10	250	Solder Lug	Snap-in w/Lamp	Black	260-1804-00	1.960	CR
DPST (on-off-on)	10	250	Solder Lug		Black	260-1198-00	3.150	CR
DPST (on-off)	10	250	Solder Lug		Black	260-1179-00	2.270	CS
DPST (off-on)	16	250	Quick Connect	Snap-in	Black	260-1842-01	1.660	CS
DPDT	.5	125	Solder Lug		Gray	260-1273-00	2.641	CR
DPDT (mom)	.5	125	Solder Lug		Gray	260-1620-00	1.809	CS
DPDT	5	125	Solder Lug			260-1527-00		OB
DPDT	5	125	Solder Lug	Lighted		260-1526-00		OB
DPDT (maintained)	8	250	Solder Lug	Snap-in	Black	260-1490-00	1.510	CS
DPDT	125 mA	30	Circuit Board			260-2084-00 <sup>b</sup>	3.000	CS
DPTT	.4 VA	20	Solder Lug	Snap-in	Gray	260-1642-01	3.030	LR
DPTT	.4 VA	20	Solder Lug		Gray	260-1640-02	2.990	CS

**DO NOT USE**  
**SWITCHES**  
**ROCKER**

Switch Logic	Rating		Terminal & Type	Other	Rocker Color	Part Number	Codes <sup>a</sup>	
	Amps	VAC					Cost	ST
DPST (on-off)	16	125/250	Quick Connect	Snap-in	Black	260-1583-00	1.180	CR

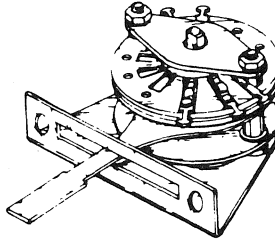
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## SWITCHES (cont)

### "GRIGSBY" TYPE

Typical



2 Position (Standard Frame) 30°		Codes <sup>a</sup>		3 Position (Standard Frame) 30°		Codes <sup>a</sup>		4 Position (Standard Frame)		Codes <sup>a</sup>	
		Cost	ST			Cost	ST			Cost	ST
260-0472-01	2 Pole N.S. 1 Section Polarity Rever.		DL	260-1793-00	2 Pole N.S. 1 Section	5.760	CS	260-0615-00	2 Pole N.S. 1 Section	7.730	CS
260-0473-00	1 Pole 1 Section	4.320	CR	260-1375-00	4 Pole N.S. 1 Section	30.050	CR				
260-1248-00	4 Pole N.S. 1 Section	5.980	CS	260-1794-00	3 Pole N.S. 1 Section	16.420	CS				
260-1339-00	2 Pole N.S. 1 Section	32.160	CR								
2 Position (Cut Frame) 30°		Codes <sup>a</sup>		3 Position (Cut Frame) 30°		Codes <sup>a</sup>		4 Position 22.5°		Codes <sup>a</sup>	
		Cost	ST			Cost	ST			Cost	ST
260-0664-00	2 Pole N.S. 1 Section	20.360	CR	260-0621-00	1 Pole N.S. 1 Section	13.100	CR	260-0925-00	2 Pole N.S. 1 Section	6.180	CS
260-0731-00	1 Pole N.S. 1 Section	11.060	CR	260-1389-00	2 Pole N.S. 1 Section	23.350	CR	260-1337-00	2 Pole N.S. 1 Section	9.130	CR
260-0762-00	2 Pole N.S. 1 Section	9.910	CR	260-1390-00	2 Pole S. 1 Section	23.350	CR	260-1417-00	3 Pole N.S. 1 Section	38.210	CR
260-1383-00	1 Pole N.S. 1 Section	25.320	CR	260-0831-00	1 Pole N.S. 1 Section	15.960	CR	260-1885-00	3 Pole N.S. 1 Section	15.610	CS
260-1636-00	8 Pole N.S. 2 Sections	56.260	CR	260-0894-01	1 Pole N.S. 1 Section	8.690	CR	260-1886-00	6 Pole N.S. 2 Sections	77.580	CR
				260-1249-00	4 Pole N.S. 2 Sections	12.770	CS				
				260-1376-00	2 Pole N.S. 1 Section	23.760	CR				
				3 Position 22.5°		Codes <sup>a</sup>					
						Cost	ST				
				260-1416-00	3 Pole N.S. 1 Section	34.720	CR				
				260-1890-00	1 Pole N.S. 1 Section	7.970	CR				
				260-1338-00	1 Pole N.S. 1 Section	4.410	CR				

NOTE: N.S. - Non-shorting  
S. - Shorting

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES

**NOT RECOMMENDED FOR NEW DESIGN**

**SWITCHES (cont)**

**"GRIGSBY" TYPE (cont)**

**Typical**

2 Position (Standard Frame) 30°	Codes <sup>a</sup>		3 Position (Standard Frame) 30°	Codes <sup>a</sup>		4 Position (Standard Frame)	Codes <sup>a</sup>	
	Cost	ST		Cost	ST		Cost	ST
260-0472-00 2 Pole N.S. 1 Section Polarity Rever. 260-0493-00 3 Pole S. 1 Section 260-0542-00 2 Pole N.S. 1 Section Polarity Rever.		OB OB OB	260-0490-00 1 Pole N.S. 1 Section 260-0776-00 2 Pole N.S. 1 Section 260-1494-00 2 Pole N.S. 1 Section	30.920 22.310 7.270	CS CS CS	260-0546-00 1 Pole N.S. 1 Section		OB
260-0587-00 2 Pole N.S. 1 Section 260-0640-00 2 Pole N.S. 1 Section 260-0711-00 2 Pole N.S. 1 Section 260-1888-00 5 Pole N.S. 2 Sections	20.120 17.920 9.300	CS OB CS CS						
2 Position (Cut Frame) 30°	Codes <sup>a</sup>		3 Position (Cut Frame) 30°	Codes <sup>a</sup>				
260-1046-00 3 Pole N.S. 1 Section 260-1612-00 1 Pole N.S. 1 Section	9.560	OB CS	260-0805-00 1 Pole N.S. 1 Section 260-0807-00 4 Pole N.S. 2 Sections 260-0840-00 1 Pole N.S. 1 Section 260-0931-00 2 Pole N.S. 1 Section  260-1168-00 1 Pole N.S. AC-DC-GND	11.930 6.850	OB CS OB OB CS			
			3 Position 22.5°	Codes <sup>a</sup>				
			260-1887-00 5 Pole N.S. 2 Sections 260-1415-00 2 Pole N.S. 1 Section	17.170 5.630	CS CS			

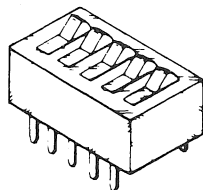
NOTE: N.S. - Non-shorting  
S. - Shorting

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



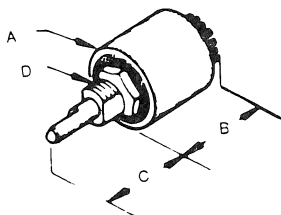
## SWITCHES (cont)

### DIP

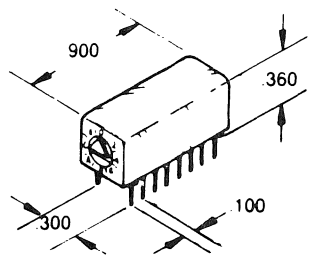


Switch Logic	Rating		Type	Part Number	Codes <sup>a</sup>	
	Amps	VDC			Cost	ST
4 SPST (on-off)	125 mA	30	Circuit Board Mount 8 Term Rocker Actuator	260-2174-00	1.790	CR
4 SPST (on-off)	125 mA	30	Circuit Board Mount 8 Term Rocker Actuator	260-1965-00	1.120	CR
5 SPST (on-off)	125 mA	30	Circuit Board Mount 10 Term Rocker Actuator	260-1827-00	.690	CR
6 SPST (on-off)	125 mA	30	Circuit Board Mount 12 Term Rocker Actuator	260-2064-00	1.520	CR
6 SPST (on-off)	125 mA	30	Circuit Board Mount 12 Term Rocker Actuator	260-1589-00	1.500	CR
6 SPST (on-off)	125 mA	30	Circuit Board Mount 12 Term Rocker Actuator	260-1589-01	1.190	CR
7 SPST (on-off)	125 mA	30	Circuit Board Mount 14 Term Rocker Actuator	260-2031-00	1.680	CR
8 SPST (on-off)	125 mA	30	Circuit Board Mount 16 Term Rocker Actuator	260-1721-00	.700	CR
10 SPST	125 mA	28	Circuit Board Mount 10 Term Rocker Actuator	260-2272-00	1.680	CR
1 DPDT (on-off)	125 mA	30	Circuit Board Mount 6 Term Rocker Actuator	260-2084-00	3.000	CS

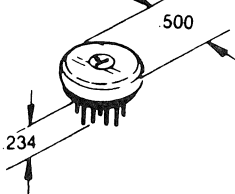
### ROTARY



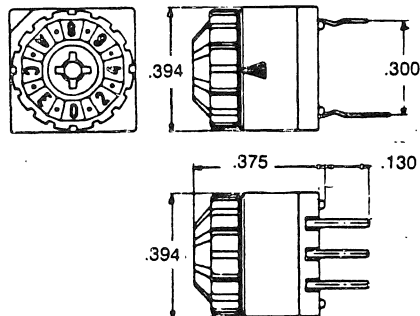
Switch Logic	Rating		Terminal & Type	Throw	Position	Dimensions				Part Number	Codes <sup>a</sup>	
	Amps	VAC				A (Dia)	B	C	D		Cost	ST
2 Pole			Circuit Board	36°	5	.500	.330	.540	1/4-40 UNS-2A	260-2267-00	4.630	CR
2 Pole	.2	30 VDC	Solder Lug Term.	22-1/2°	8	.562	.617	.625	1/4-18 UNF-2A	260-1918-00	9.340	CR
1 Pole	.2	30 VDC	Solder Lug Term.	30°	11	.562	.617	.625	1/4-18 UNF-2A	260-1919-00	5.950	CR



260-1777-00 Cost<sup>a</sup>: 3.060 ST:<sup>a</sup> CS  
 .1 AMS, 28 VDC  
 16 Position, 4 Form C  
 Hexadecimal Coded  
 16 Pin DIP  
 Screwdriver Slot



260-1050-00  
 Cost:<sup>a</sup> 9.750; ST:<sup>a</sup> CR  
 .25 Amps, 28 VDC  
 3 Pole, 2 Position  
 Screwdriver Slot



260-2126-00 Cost:<sup>a</sup> 2.400 ST:<sup>a</sup> CR  
 .125 A 30 VDC  
 16 Position  
 Hexidecimal Output

260-2233-00 Cost:<sup>a</sup> 2.400 ST:<sup>a</sup> CR  
 .125 A 30 VDC  
 10 Position  
 BCD Output

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

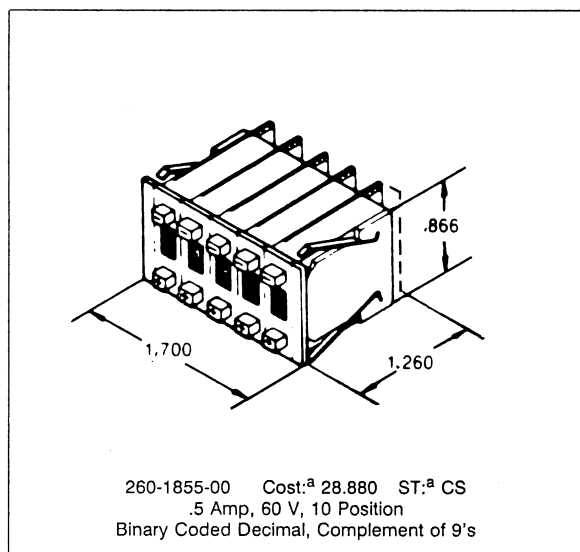
**SWITCHES - POWER, TOGGLE, SLIDE, ROCKER,  
LEVER, DIP, LOGIC AND ROTARY SWITCHES**

**SWITCHES (cont)**

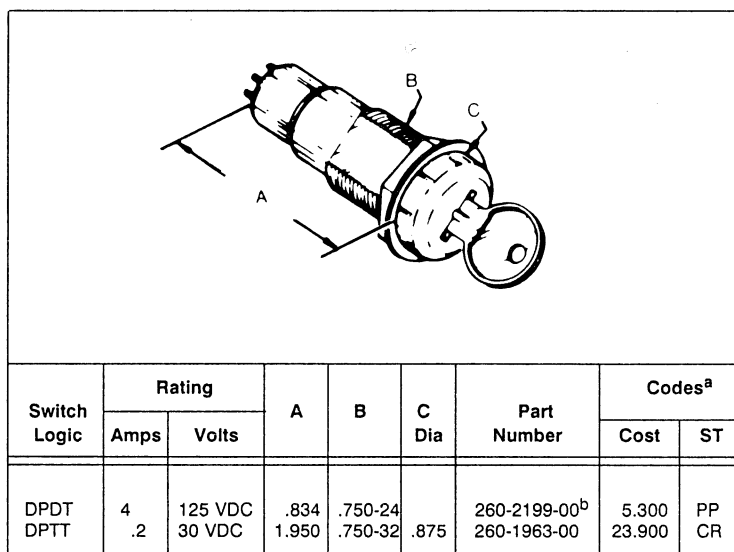
**ROTARY  
(not illustrated)**

Rating		Terminal Type	Description	Part Number	Codes <sup>a</sup>	
Amps	Volts				Cost	ST
.1	125	Circuit Board Mount	5 and 6 Position	260-2123-00	8.860	CR
.1/.01	28 VDC/30 mVDC	Circuit Board Mount	16 Position Binary - Hex Coded	260-2388-00		EN
.125	28 VAC	Circuit Board Mount	10 Position	260-1856-00	10.000	CS
.125	30 VDC	Binary Coded Decimal	10 Position	260-2244-00	1.380	CR
.5/3	12 VDC/24 VDC	Circuit Board Mount	3 Position	260-2330-00	6.250	CR
1	150	Circuit Board Mount	7 Position	260-2252-00	2.200	CR
3	28 VDC	Circuit Board Mount	10 Position	260-1597-00	4.300	CR
100 $\mu$ A	5 VDC	Circuit Board Mount	Encoder, Quadrature Outputs	260-2268-00	15.000	CR
100 $\mu$ A	5 VDC	Circuit Board Mount	Encoder, Quadrature Outputs	260-2294-00		EN

**LOGIC (PUSH)**



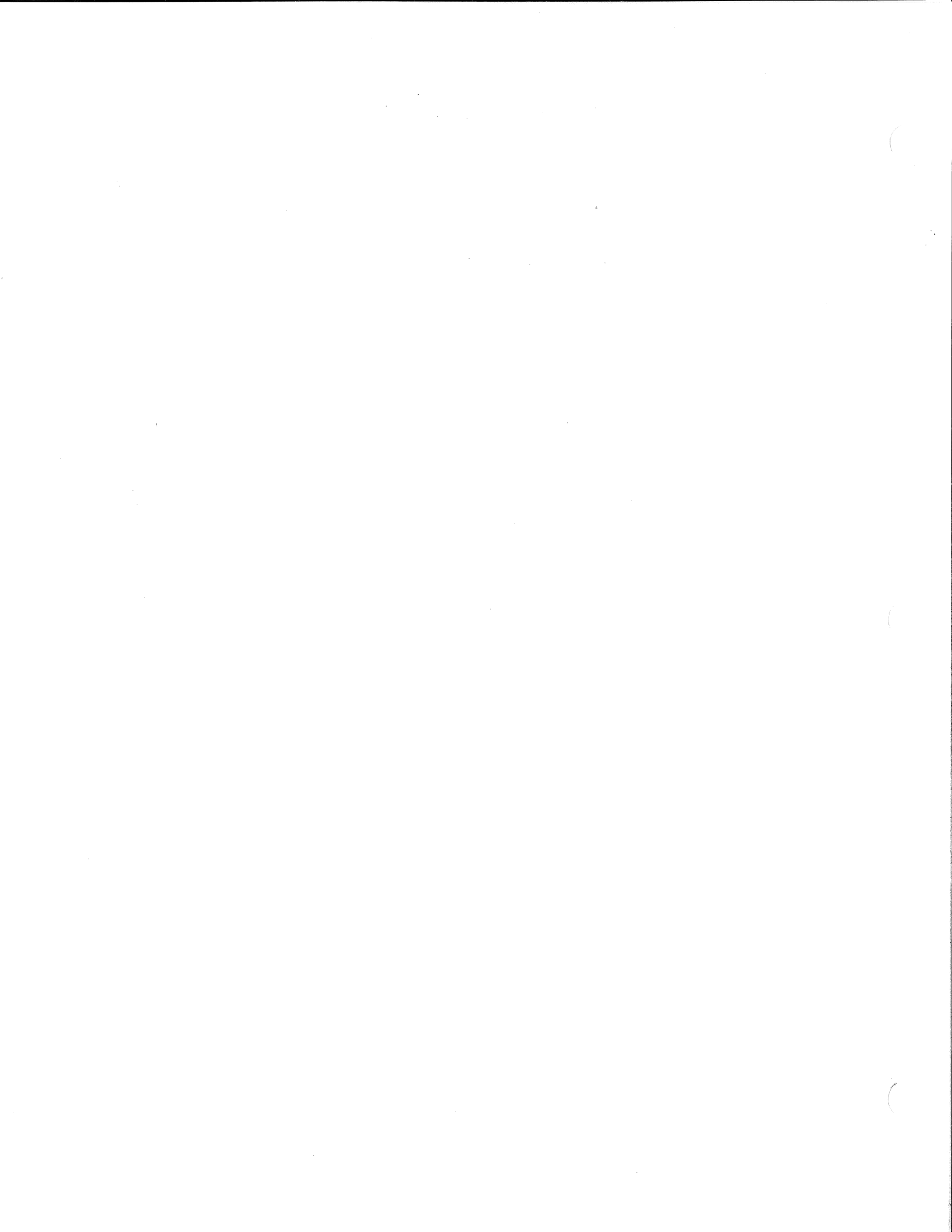
**LOCK (ROTARY)**



<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.





# SECTION 6

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CROSS REFERENCE INDEX FOR ALL TYPES OF SWITCHES . . . . .	SECTION 7

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

# THERMOSTAT

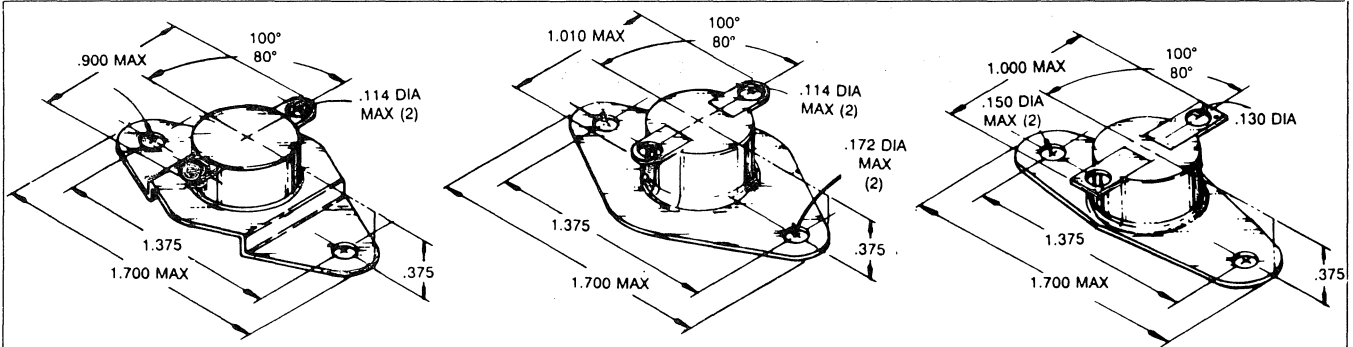


FIGURE A

FIGURE B

FIGURE C

Contact Terminals may be Rotated in Relationship to Mounting Bracket

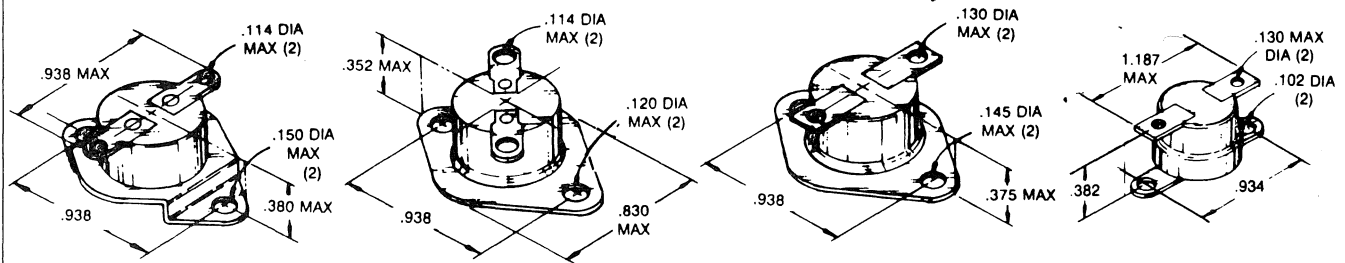


FIGURE D

FIGURE E

FIGURE F

FIGURE G

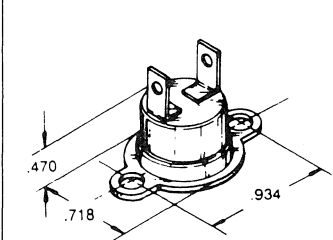


FIGURE H

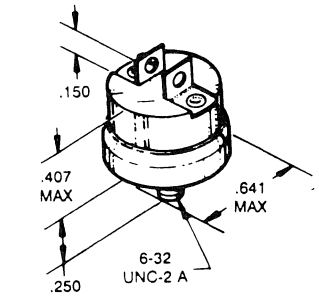


FIGURE J

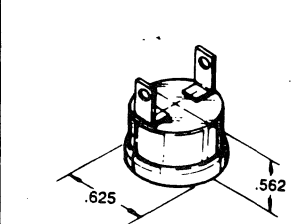


FIGURE K

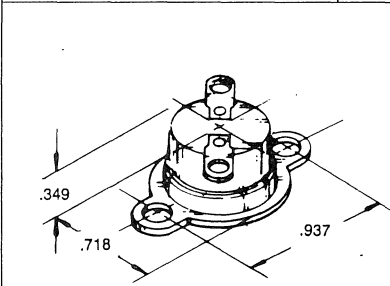
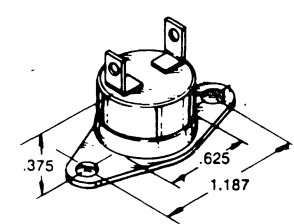


FIGURE L

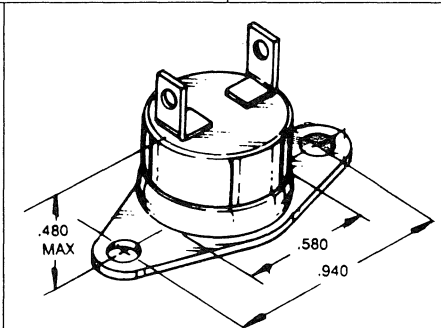


FIGURE M

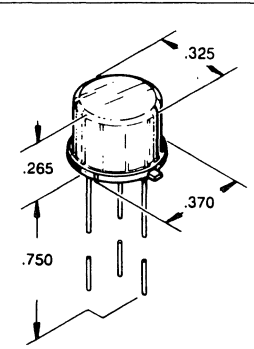


FIGURE N

## THERMOSTAT (cont)

Open Temperature Degrees Centigrade	Close Temperature Degrees Centigrade	A at VAC Rating (Resistive)	CW Form	Figure	UL Recognized or CSA Certified	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
47.2 - 52.8 51. Min	37.8 - 45.6 58.0 - 72.0	10 @ 240 .005 @ 5/ 1 @ 28	NC NO	E, F, G N	UL and CSA	260-1539-00 260-2376-00	A	7.270 4.200	CR CR
62.0 - 68.0	48.0 - 56.0	4 @ 240	NC	A, B, C	UL and CSA	260-2208-01 <sup>b</sup>		4.900	CR
67.0 - 73.0	50.5 - 59.4	10 @ 240	NC	E, G	UL and CSA	260-2063-00		.880	CR
72.2 - 77.8	50.5 - 59.4	10 @ 240	NC	D, E, F	UL and CSA	260-0638-00 <sup>b</sup>	A	.930	CR
74.0 - 80.0	Manual Reset at 62.	10 @ 240	NC	K	UL and CSA	260-2362-00 <sup>b</sup>		3.500	CR
77.0 - 87.0	59.0 - 75.0	10 @ 240	NC		UL and CSA	260-0724-01	A	1.580	CS
80.5 - 86.1	62.2 - 71.2	10 @ 240	NC	F	UL and CSA	260-1759-00	A	5.610	CR
80.6 - 86.1	62.2 - 71.1	10 @ 240	NC	E, F	UL and CSA	260-0724-00 <sup>b</sup>	A	.980	CR
82.0 - 88.0	68.0 - 76.0	4 @ 250	NC		UL and CSA	260-2249-00		7.110	CR
85.0 - 91.1	67.8 - 75.6	10 @ 240	NC	E, F, G	UL and CSA	260-0879-00	A	.980	CR
92.0 - 98.0	98.0 - 104.0	1 @ 240	NC		UL and CSA	260-2182-00		13.850	CS
92.3 - 100.0	80.6 - 89.4	10 @ 250	NC	J	UL and CSA	260-1710-00 <sup>b</sup>	A	1.960	CR
95.0 - 100.6	71.1 - 80.0	10 @ 240	NC	E, F	UL and CSA	260-0907-00 <sup>b</sup>	A	4.390	CR
95.0 - 100.6	71.1 - 80.0	10 @ 240	NC	B	UL and CSA	260-0907-01		.970	CR
95.0 - 100.6	71.1 - 80.0	15 @ 125	NC	L	UL and CSA	260-0907-02 <sup>b</sup>		4.180	CR
96.7 - 102.0	83.3 - 92.2	10 @ 240	NC	E	UL and CSA	260-1663-00	A	5.470	CS
101.0 - 109.0	75.0 - 85.0	10 @ 240	NC	M	UL and CSA	260-2318-00 <sup>b</sup>		3.150	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes and New Design Recommendations, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

**NOT RECOMMENDED FOR NEW DESIGN**  
**THERMOSTAT (cont)**

Open Temperature Degrees Centigrade	Close Temperature Degrees Centigrade	A at VAC Rating (Resistive)	CW Form	UL Recognized or CSA Certified	Part Number	Codes <sup>a</sup>	
						Cost	ST
-2.6 - 6.0	15.6 - 21.1	8.3 @ 240	NC		260-0637-00	6.250	OB
37.8 - 43.3	28.9 - 35.6	10 @ 240	NC	UL and CSA	260-0678-00		CS
39.4 - 44.9	47.8 - 53.8	8.3 @ 240			260-1289-00		OB
47.8 - 53.3	39.4 - 45.0	10 @ 240	NC	UL and CSA	260-0246-00		OB
50.6 - 56.1	46.6 - 48.3	10 @ 240	NC	UL and CSA	260-0070-00		OB
53.3 - 58.9	42.8 - 49.4	10 @ 240	NC	UL and CSA	260-0208-00		OB
55.6 - 61.1	46.1 - 53.9	10 @ 240	NC	UL and CSA	260-0120-00		OB
57.2 - 62.8	45.6 - 52.5	10 @ 240	NC	UL and CSA	260-0618-00		OB
62.8 - 68.3	54.4 - 60.0	10 @ 240	NC	UL and CSA	260-0336-00 <sup>b</sup>	9.120	CR
65.6 - 71.1	44.4 - 53.3	10 @ 240	NC	UL and CSA	260-0071-00	5.240	CR
68.3 - 73.9	47.2 - 56.1	10 @ 240	NC	UL and CSA	260-0157-00		OB
71.1 - 76.7	46.1 - 57.2	10 @ 240	NC	UL and CSA	260-0227-00	.920	CR
76.1 - 82.8	64.4 - 72.2	10 @ 240	NC	UL and CSA	260-0413-00 <sup>b</sup>	1.030	CR
76.1 - 82.8	64.4 - 72.2	10 @ 240	NC	UL and CSA	260-0413-01	.665	CR
82.8 - 89.4	70.0 - 77.8	10 @ 240	NC	UL and CSA	260-0551-00 <sup>b</sup>	1.000	CR
166.0 - 182.0	129.0 - 151.0	6 @ 277	NC	UL and CSA	260-1654-00	1.290	CS

**DO NOT USE  
THERMOSTAT**

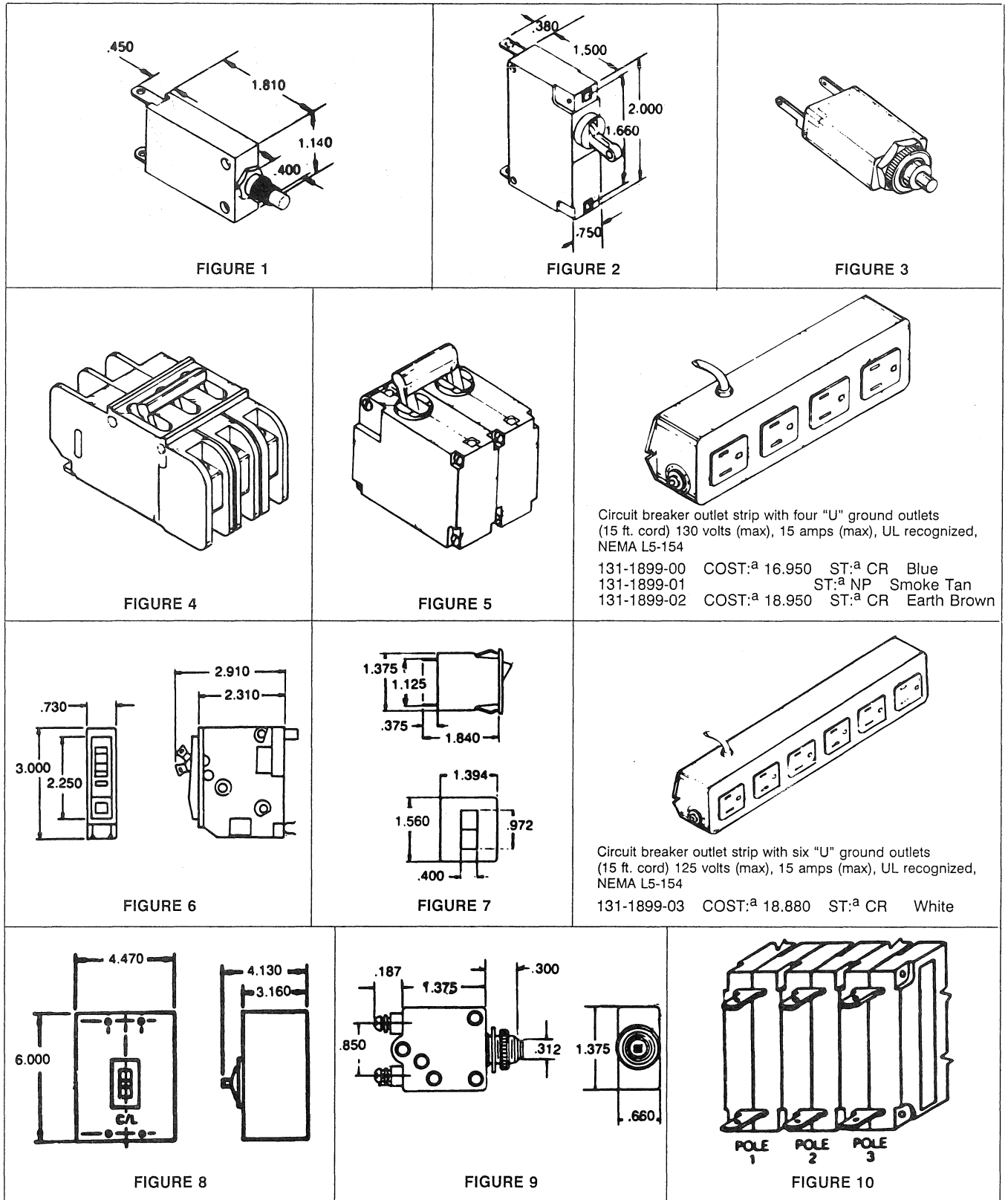
Open Temperature Degrees Centigrade	Close Temperature Degrees Centigrade	A at VAC Rating (Resistive)	CW Form	UL Recognized or CSA Certified	Part Number	Codes <sup>a</sup>	
						Cost	ST
67.2 - 72.8	47.8 - 58.9	10 @ 240	NC	UL and CSA	260-0677-00	4.475	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.



# CIRCUIT BREAKER



<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

### CIRCUIT BREAKER (cont)

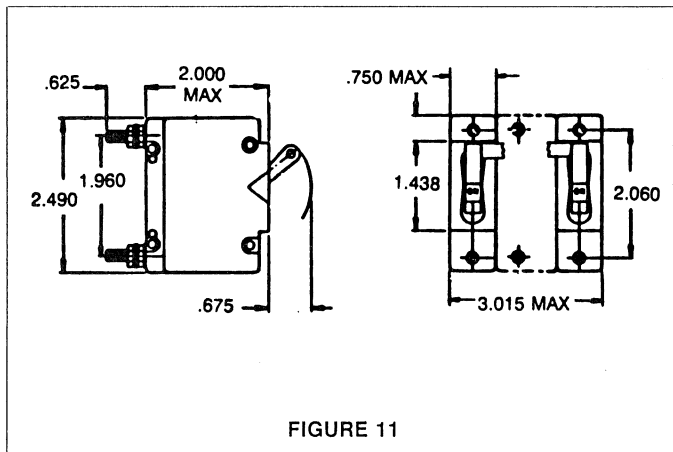


FIGURE 11

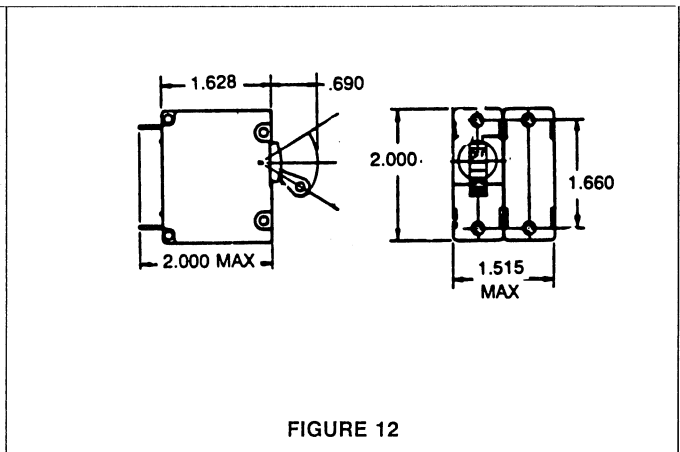


FIGURE 12

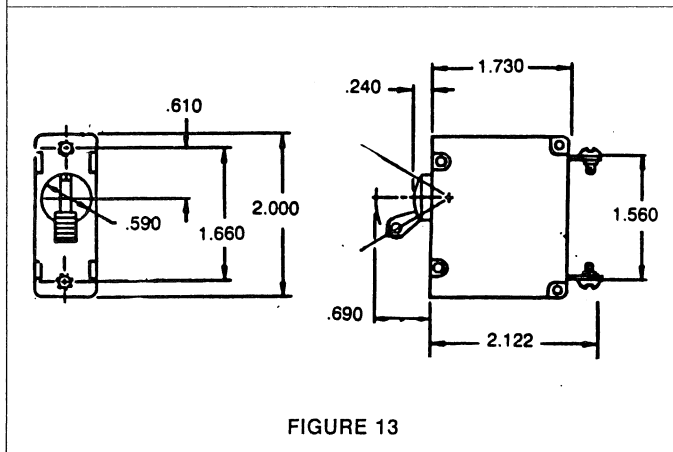


FIGURE 13

CIRCUIT BREAKER (cont)

Contact Arrangement	Contact Current	Voltage Rating	Tripping Time		Fig	UL Recognized or CSA Certified	Other	Part Number	Codes <sup>a</sup>	
			% of Rated Current	Time in Seconds					Cost	ST
SPST, Thermal Trip Release	.3 A	250 VAC	200 600	10. - 40. 1.5 - 7.	3	UL and CSA		260-1877-00	4.910	CR
SPST, Thermal Trip Release	.4 A	250 VAC			1	UL and CSA	w/Mounting Hardware	260-1478-00 <sup>b</sup>	4.270	CR
SPST, Thermal Trip Release	1.2 A	240 VAC	200 600	10. - 40. .6 - 5.	1	UL and CSA	w/Mounting Hardware	260-1042-00 <sup>b</sup>	2.920	CR
Single Pole	8. A	250 VAC/ 50 VDC	200 400 600 800 1000	6. - 30. 1.6 - 4.5 .6 - 1.7 .25 - .9 .15 - .65	9	UL and CSA		260-2255-00 <sup>b</sup>	5.920	CR
Single Pole	15. A 20. A	120 VAC 240 VAC			6	UL and CSA	Industrial Grade	260-2221-00	10.490	PP
Single Pole	15. A	120/240			6	UL and CSA	Industrial Grade	260-2200-00 <sup>b</sup>	10.480	PP
SP Thermal Trip Release	15. A	250 VAC			1	UL and CSA	6-32 Mounting Inserts	260-2035-00	3.330	CR
Single Pole	20. A	120/240			6	UL and CSA	Industrial Grade	260-2181-00	10.480	CR
Single Pole	20. A	227 VAC/ 65 VDC			13	UL and CSA		260-2390-00 <sup>b</sup>	14.850	CR
2 Pole, Series Trip	15. A	250 VAC	200	20. - 100.	2	UL and CSA		260-1760-00	28.100	CR
DPST, Thermal Trip Release	4. A	250 VAC/ 50 VDC	135 150 200 400 600 800	.3 - 7. .2 - .5 .1 - 2. .03 - .5 .008 - .3 .006 - .15	7	UL and CSA	Magnetic	260-2284-00 <sup>b</sup>	14.500	CR
2 Pole, Series Trip	10. A	250 VAC	125 200 400 600	.2 - 7. .5 - .95 .2 - .24 .13 Max	7	UL and CSA		260-2209-01	17.600	CR
2 Pole	2. A	250 VAC/ 50 VDC	125 150 200 400 600 800	.7 - 10. .35 - 6. .15 - 3. .05 - .6 .025 - .3 .02 - .22	12	UL and CSA	Quick Connect Terminals	260-2356-00 <sup>b</sup>	17.750	CR
2 Pole	15. A	250 VAC/ 50 VDC	125 150 200 400 600 800	.7 - 10. .35 - 6. .15 - 3. .05 - .6 .025 - .3 .02 - .22	12	UL and CSA	Quick Connect Terminals	260-2320-00 <sup>b</sup>	19.925	CR
2 Pole	50. A	32 V	125	.7 - 12.	2	UL and CSA		260-2056-00	16.250	CS
3 Pole	6. A	120 VAC (1)	125	3.1	10	UL and CSA	Quick Connect Terminals	260-2295-00 <sup>b</sup>	65.650	CR
	3. A	240 VAC (2 & 3)								
3 Pole	6. A	120 VAC	125	3.1	10	UL and CSA	Quick Connect Terminals	260-2380-00 <sup>b</sup>	43.800	CR
3 Pole	70. A	600 VAC			8	UL and CSA	Industrial Grade	260-2206-00	153.450	PP
3 Pole	40. A	600 VAC			8	UL and CSA	Industrial Grade	260-2205-00	125.100	PP
3 Pole, Series Trip	20. A	250 V			2	UL and CSA	Quick-on terminal	260-2097-00 <sup>b</sup>	31.050	CR
3 Pole	20. A	240 V						260-1537-00	22.140	CR
3 Pole	20. A (1 & 2)	240 V	125		5	UL and CSA		260-1741-00	40.300	CR
	30. A (3)									
3 PST, Thermal Trip Release	30. A	240 V						260-1655-00	41.400	CR
4 Pole	30. A	250 VAC/ 65 VDC	125 150 200 400 600 800	.7 - 10. .35 - 4.5 .15 - 1.5 .05 - .4 .025 - .3 .02 - .22	11	UL and CSA	Threaded Stud Terminals	260-2319-00 <sup>b</sup>	79.425	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## NOT RECOMMENDED FOR NEW DESIGN

### CIRCUIT BREAKER (cont)

Contact Arrangement	Contact Current	Voltage Rating	Tripping Time		UL Recognized or CSA Certified	Other	Part Number	Codes <sup>a</sup>	
			% of Rated Current	Time in Seconds				Cost	ST
SPST, Thermal Trip Release	.5 A	250 VAC	200 600	10-40 1.5-7	UL		260-1878-00		OB
SPST, Thermal Trip Release	.8 A	240 VAC	200 600	10-40 .6-5	UL and CSA	w/Mounting Hardware	260-0249-01		OB
SPST, Thermal Trip Release	2. A	120 V					260-1651-00	2.490	OT
SPST, Thermal Trip Release	8. A	240 VAC	200 600	10-40 .6-5	UL and CSA		260-0337-01		OB
SPST, Thermal Trip Release	2. A	120 V					260-1652-00	2.490	OT
SPST, Thermal Trip Release	20. A	120 V					260-1653-00	2.540	OT
SPST, Series Trip	15. A	250 VAC	200 600	3-20 .06-.8	UL and CSA		260-1740-00		OB
SPST	15. A	125 V	200 600	.15-1.5 .08-.15	UL and CSA	6-32 Mounting Inserts	260-1978-00	13.050	CS
2 Pole	15. A	250 V	200 600	.15-1.5 .08-.15	UL and CSA	6-32 Mounting Inserts	260-1977-00	27.350	CS
2 Pole	30. A	240 VAC		2	UL and CSA		250-2238-00	10.440	CS
2 Pole	30. A	250 V			UL		260-1895-00	5.550	CS
3 Pole	15. A (1 x 2) 30. A (3)	250 V	200	.15-1.5	UL and CSA	6-32 Mounting Inserts	260-1975-00	46.900	CS
3 Pole	15. A (1 x 2) 30. A (3)	240 V	200	.1-8	UL and CSA	6-32 Mounting Inserts	260-1966-00	33.900	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.





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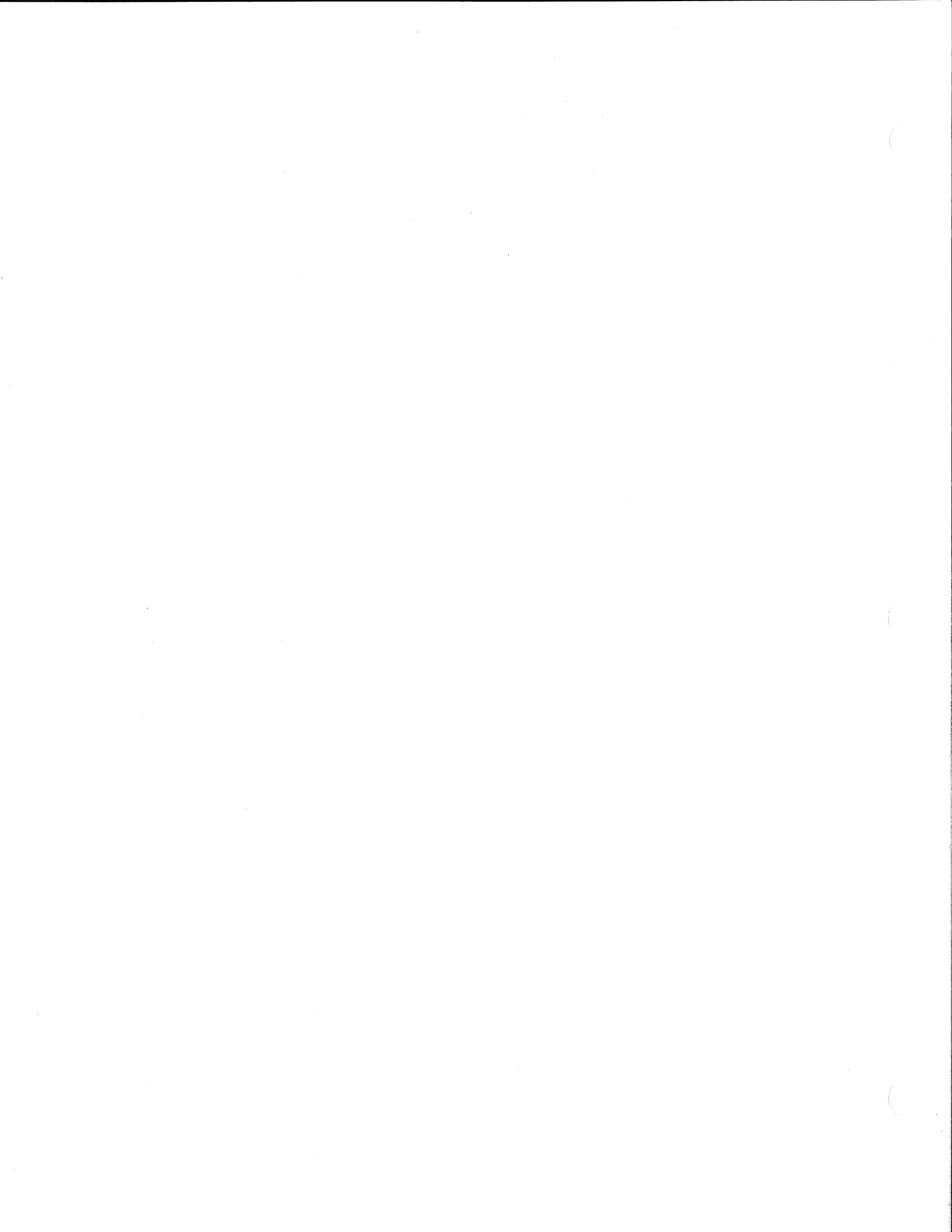
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260-2321-00	5-7	361-0685-00	4-32
260-2331-00	4-7	361-0690-00	4-32
260-2339-00	4-11	361-0899-00	4-32
260-2340-00	4-11	361-0900-00	4-32
260-2341-00	5-13	361-0901-00	4-32
260-2346-00	5-7	361-0902-00	4-32
260-2347-00	5-7	384-1058-00	4-32
260-2349-00	5-13	384-1059-00	4-32
260-2355-00	4-11	384-1059-01	4-32
260-2356-00	6-7	384-1060-00	4-32
260-2357-00	5-13	384-1061-00	4-32
260-2358-00	4-20	384-1061-01	4-32
260-2359-00	4-6	384-1099-00	4-32
260-2360-00	5-9	384-1100-00	4-32
260-2361-00	4-13	384-1101-00	4-32
260-2362-00	6-3	384-1101-01	4-32
260-2370-00	5-7	384-1129-00	4-32
260-2375-00	4-6	384-1136-00	4-32
260-2376-00	6-3	384-1236-01	4-32
260-2380-00	6-7	384-1292-00	4-32
260-2383-00	5-13	384-1341-00	4-32
260-2385-00	4-22	384-1354-00	4-32
260-2386-00	4-7	384-1364-00	4-32
260-2390-00	6-7	384-1368-00	4-32
263-0019-00	4-35	384-1370-00	4-32
263-0019-01	4-35	384-1382-00	4-32
263-0019-03	4-35	384-1389-01	4-32
263-0019-04	4-35	384-1390-00	4-32
263-0019-05	4-35	384-1391-00	4-32
263-0019-06	4-35	384-1392-00	4-32
263-0019-07	4-35	384-1408-00	4-32
263-0019-08	4-35	384-1425-00	4-32
263-0019-09	4-35	384-1445-00	4-32
263-0019-30	4-35	384-1506-00	4-32
263-0019-35	4-35	384-1542-00	4-32
263-0019-36	4-35	384-1560-00	4-32
263-0019-37	4-35	384-1875-00	4-32
263-0019-38	4-35	384-1876-01	4-32
263-0019-39	4-35		
263-0019-40	4-35		
263-0019-41	4-35		
263-0019-42	4-35		
263-0019-43	4-35		
263-0020-00	4-35		
263-0020-01	4-35		
263-0020-02	4-35		
263-0027-00	4-36		
263-0049-00	4-36		
263-0054-01	4-36		
263-0072-00	4-38		
263-0073-03	4-36		
263-0090-00	4-36		









## SECTION 8

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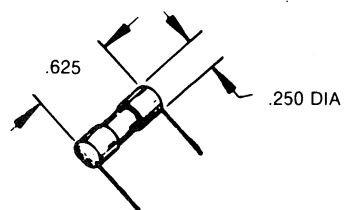
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In the Electro-Mechanical Section of the Supplement Catalog 7 you will find the following information:

- Fuses and Fuseholders - Application Notes
- Battery - Application Notes
  - Excessive Heat Destroys Nickel-Cadmium Batteries
  - Thermal Problems of Nickel-Cadmium Batteries

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

# FUSES



(1 AG With Par Radial Leads)

FIGURE 1

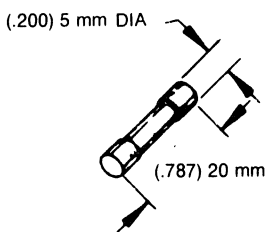


FIGURE 2

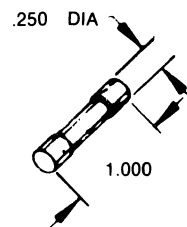
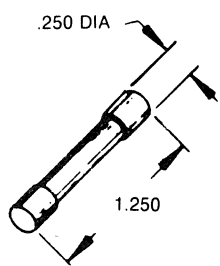


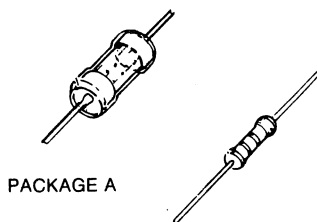
FIGURE 3



(3 AG)

FIGURE 4

See Specification for Dimensions



PACKAGE A

PACKAGE B

FIGURE 5

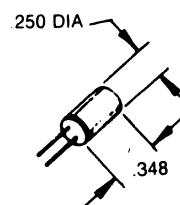
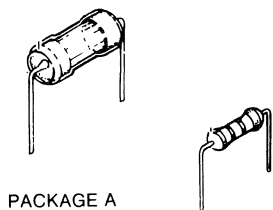


FIGURE 6

See Specification for Dimensions



PACKAGE A

PACKAGE B

FIGURE 7

See Specification for Dimensions



FIGURE 8

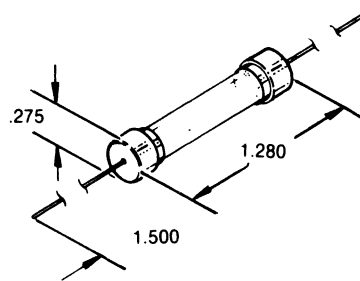


FIGURE 9

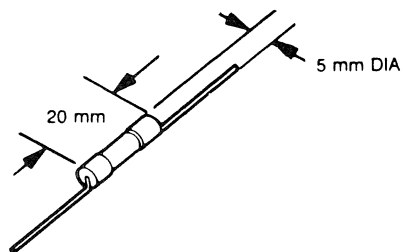


FIGURE 10



FUSES (cont)

Ratings		Figure	Type	200% Load Blow Time Seconds	Part Number	Codes <sup>a</sup>	
Amps	Volts					Cost	ST
.01	250.	4	Medium	5.	159-0112-00	.600	OT
.031	125.	6	Fast	5. Maximim	159-0123-00		DL
.031	125.	4	Slow	5. Maximum	159-0061-00	1.026	CR
.05	125.	8	Fast	5. Maximum	159-0115-00	1.410	CR
.05	250.	2	Slow	2. Minutes Maximum	159-0199-00	.403	CR
.062	250.	4	Fast	2. Maximum	159-0024-00	.600	CR
.062	250.	3	Fast	5. Maximum	159-0213-00	1.250	CR
.062	250.	4	Slow	5. Minimum	159-0051-00	.368	CR
.1	125.	8	Fast	5. Maximum	159-0056-00	.600	CR
.1	250.	4	Fast	5. Maximum	159-0171-00	.605	CR
.1	250.	4	Slow	5. Minimum, 40. Maximum	159-0048-00	.960	CR
.1	250.	2	Slow	2. Minutes Maximum @ 210%	159-0074-00	.640	CR
.125	125.	5	Fast	5. Maximum	159-0060-00	.255	CR
.125	250.	4	Medium	5. Maximum	159-0052-00	.610	CR
.15	250.	4	Fast	5. Maximum	159-0083-00	.291	CR
.15	250.	4	Slow	5. Maximum	159-0054-00	.440	CR
.2	125.	6	Fast	5. Maximum	159-0120-00	.795	CR
.2	250.	4	Slow	12. Minimum	159-0044-00	.700	CR
.2	250.	4	Slow	2. Minutes Maximum @ 210%	159-0080-00	.254	CR
.25	125.	5	Fast	.08 Maximum	159-0090-00	.245	CR
.25	125.	2	Fast	4. Maximum	159-0183-00	.205	CR
.25	125.	5	Fast	5. Maximum	159-0222-00	.245	CR
.25	125.	5	Fast	5. Maximum	159-0253-00	.157	PP
.25	250.	4	Fast	5. Maximum	159-0028-00	.123	CR
.25	250.	4	Slow	5. Minimum, 30. Maximum	159-0187-00	.910	CR
.25	250.	3	Fast	.1	159-0020-00	.420	CR
.3	125.	8	Fast	5. Maximum	159-0140-00	.890	CR
.3	250.	4	Fast	5. Maximum	159-0030-00	.153	CR
.3	250.	9	Slow	5. Minimum, 19.5 Maximum	159-0197-00	.770	CS
.3	250.	4	Slow	5. Minimum	159-0029-00	.386	CR
.3	250.	4	Slow	12. Minimum	159-0029-01	.386	CR
.375	250.	4	Slow	5. Minimum	159-0200-00	.780	CR
.375	250.	5	Slow	3. Minimum, 1 Minute Maximum	159-0279-00	.350	CR
.4	125.	8	Fast	5. Maximum	159-0102-00	.600	CR
.4	125.	6	Fast	.15 Minimum, 5. Maximum	159-0103-00	.591	CR
.4	250.	4	Slow	17. Maximum	159-0031-00	.960	CR
.4	250.	2	Slow	30. Minutes Maximum @ 210%	159-0121-00	.190	CR
.5	125.	5	Fast	5. Maximum	159-0221-00	.290	CR
.5	250.	4	Fast	5. Maximum	159-0025-00	.133	CR
.5	250.	4	Slow	5. Maximum	159-0032-00	.300	CR
.5	250.	2	Fast	2. Minutes Maximum @ 210%	159-0264-00	.400	CR
.5	250.	2	Fast	30. Minutes Maximum @ 210%	159-0182-00		NP
.6	250.	4	Slow	25. Maximum	159-0043-00	.386	CR
.7	250.	4	Slow	5. Maximum	159-0040-00	.406	CR
.75	125.	6	Fast	.05 Minimum	159-0122-00	1.540	CS
.75	125.	2	Fast	4. Maximum	159-0185-00	.186	CR
.75	125.	8	Fast	5. Maximum	159-0094-00	1.300	OT
.75	125.	5	Fast	1. Minute Maximum	159-0235-00	.380	CR
.75	250.	4	Fast	5. Maximum	159-0042-00	.153	CR
.8	250.	4	Slow	5. Minimum	159-0018-00	.780	CR
.8	250.	2	Slow	2. Minutes Maximum @ 210%	159-0244-00	.690	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## FUSES (cont)

Ratings		Figure	Type	200% Load Blow Time Seconds	Part Number	Codes <sup>a</sup>	
Amps	Volts					Cost	ST
1.	125.	6	Fast	5. Maximum	159-0116-00	.600	CR
1.	125.	7	Fast	5. Maximum	159-0205-00	.240	CR
1.	125.	5	Fast	5. Maximum	159-0245-00	.338	CR
1.	125.	5	Fast	10. Maximum	159-0114-00	.264	CR
1.	250.	4	Fast	5. Maximum	159-0022-00	.066	CR
1.	250.	4	Slow	5. Maximum	159-0019-00	.250	CR
1.	250.	2	Slow	30. Minutes Maximum @ 210%	159-0064-00	.154	CR
1.	250.	2	Fast	30. Minutes Maximum @ 210%	159-0181-00		NP
1.2	250.	4	Slow	5. Minimum	159-0158-00	.400	CR
1.25	125.	2	Fast	4. Maximum	159-0184-00	.182	CR
1.25	250.	2	Fast	5. Minimum, 2 Minutes Maximum	159-0263-00	.500	CR
1.25	250.	2	Slow	5. Minimum, 2 Minutes Maximum	159-0247-00	.768	CR
1.25	250.	4	Slow	5. Minimum	159-0041-00	.261	CR
1.5	125.	5	Fast	2. Maximum	159-0159-00	.240	CR
1.5	125.	2	Fast	4. Maximum	159-0186-00	.182	CR
1.5	125.	5	Fast	5. Maximum	159-0248-00	.338	CR
1.5	125.	5	Fast	10. Maximum	159-0153-00	1.010	CR
1.5	250.	4	Fast	5. Maximum	159-0016-00	.073	CR
1.5	250.	4	Slow	5. Minimum	159-0160-00	.350	CR
1.5	250.	4	Slow	5. Minimum, 2. Minutes Maximum	159-0225-00	.175	CS
1.6	125.	4	Slow	5. Minimum	159-0034-00	.354	CR
1.6	250.	4	Slow	10. Minimum, 20. Maximum	159-0003-00	.383	CR
1.6	250.	2	Slow	2. Minutes Maximum	159-0229-00		NP
1.6	250.	2	Fast	5. Minutes Maximum	159-0278-00		EN
1.6	250.	2	Slow	30. Minutes Maximum	159-0098-00	.224	CR
2.	125.	6	Fast	.06 Average, 5. Maximum	159-0128-00	.670	CR
2.	125.	5	Fast	5. Maximum	159-0203-00	.950	CR
2.	125.	5	Fast	5. Maximum	159-0208-00	.290	CR
2.	250.	4	Fast	2. Maximum	159-0021-00	.076	CR
2.	250.	4	Slow	12. Maximum	159-0023-00	.227	CR
2.	250.	2	Fast	5. mS	159-0191-00		DL
2.	250.	2	Slow	2. Minutes Maximum @ 210%	159-0107-00	.289	CR
2.5	125.	4	Slow	5. Minimum	159-0055-00	.240	CR
2.5	125.	2	Fast	2. Minutes Maximum	159-0252-00	.400	CR
2.5	250.	4	Fast	.65 Maximum	159-0126-00	.560	CR
2.5	250.	4	Slow	5. Minimum, 2. Minutes Maximum	159-0217-00	.370	CR
2.5	250.	2	Fast	30. Minutes Maximum @ 210%	159-0226-00	.130	CR
3.	125.	8	Fast	5. Maximum	159-0124-00	.615	CR
3.	125.	7	Fast	5. Maximum	159-0204-00	.400	CR
3.	125.	5	Fast	5. Maximum	159-0220-00	.338	CR
3.	125.	6	Fast	5. Maximum	159-0266-00	.730	EN
3.	125.	2	Fast	2. Minutes Maximum	159-0261-00	.400	CR
3.	250.	4	Fast	5. Maximum	159-0015-00	.086	CR
3.	250.	2	Fast	5. Maximum	159-0277-00	.074	PP
3.	250.	4	Fast	.65 Maximum	159-0015-01	.490	CS
3.	250.	4	Medium	5. Minimum	159-0005-00	.347	CR
3.	600.		Fast	3. Maximum	159-0224-01	1.400	CR
3.15	250.	2	Slow	2. Minutes Minimum @ 210%	159-0276-00	.600	CR
3.15	250.	2	Slow	30. Minutes Maximum @ 210%	159-0190-00	.160	CR
3.2	125.	4	Slow	30. Maximum	159-0026-00	.560	CR
3.2	250.	4	Slow	5. Minimum, 19.5 Maximum	159-0198-00	.423	OT
3.5	125.	5	Fast	5. Maximum	159-0246-00	.291	CR
4.	125.	2	Fast	4. Maximum	159-0255-00	.157	CR
4.	125.	4	Slow	5. Maximum	159-0027-00	.181	CR
4.	250.	4	Fast	2. Maximum	159-0017-00	.122	CR
4.	250.	4	Slow	5. Minimum	159-0149-00	.480	CR
4.	250.	4	Medium	5. Maximum	159-0173-00	.240	CR
4.	250.	2	Fast	30. Minutes Maximum @ 210%	159-0233-00	.688	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## FUSES (cont)

Ratings		Figure	Type	200% Load Blow Time Seconds	Part Number	Codes <sup>a</sup>	
Amps	Volts					Cost	ST
5.	125.	5	Fast	5. Maximum	159-0059-00	.319	CR
5.	125.	5	Fast	5. Maximum	159-0152-00	.339	CR
5.	125.	5	Fast	5. Maximum	159-0194-00	.240	CR
5.	125.	6	Fast	5. Maximum	159-0207-00	.600	CR
5.	125.	4	Slow	20.	159-0006-00	.265	CR
5.	250.	4	Medium	5. Maximum	159-0014-00	.127	CR
5.	250.	4	Slow	12. Minimum, 30. Maximum	159-0211-00	.160	CR
5.	250.	2	Slow	2. Minutes Maximum @ 210%	159-0210-00	.250	CR
6.	250.	4	Fast	2. Maximum	159-0013-00	.117	CR
6.25	125.	4	Slow	5. Maximum	159-0011-00	.288	CR
6.25	250.	4	Slow	5. Minimum	159-0011-01	.480	CR
6.3	250.	2	Fast	2. Maximum @ 275%	159-0202-00	.112	CR
7.	125.	4	Fast	5. Maximum	159-0036-00	.247	CR
7.	125.	5	Fast	5. Maximum	159-0146-00	.240	CR
7.	125.	7	Fast	5. Maximum	159-0195-00	.240	CR
7.	250.	4	Medium	15. Maximum	159-0151-00	.192	CR
7.5	32.	4	Non Time	2. Maximum	159-0096-00	.064	CR
8.	32.	4	Fast	2. Minutes Maximum	159-0137-00	.067	CR
8.	125.	4	Fast	2. Maximum	159-0188-00	.400	CR
8.	250.	4	Fast	5. Maximum	159-0174-00	.360	CR
8.	250.	4	Medium	15. Maximum	159-0165-00	.192	CR
8.	250.	4	Slow	20. Maximum	159-0046-00	.380	CR
10.	32.	4	Fast	5. Maximum	159-0242-00	.064	CR
10.	125.	4	Fast	5. Minimum	159-0201-00	.490	CR
10.	125.	5	Fast	5. Maximum	159-0193-00	.400	CR
10.	125.	5	Fast	5. Maximum	159-0236-00	.245	CR
10.	250.	4	Slow	20. Maximum	159-0057-00	.880	CR
10.	250.	4	Slow	20.	159-0047-00	.480	CS
12.	250.	4	Slow	6. Average, 15. Maximum	159-0088-00	.123	CR
13.	250.				159-0172-00 <sup>b</sup>	.150	CR
15.	32.	4	Fast	2. Maximum	159-0038-00	.150	CR
15.	32.	7	Medium	10.	159-0145-00	.343	CR
15.	250.	4	Medium	60. Maximum	159-0256-00	.418	CR
15.	250.	4	Slow	5. Minimum, 2. Minutes Maximum	159-0251-00	.820	CR
16.	250.	10	Slow	2. Minutes Maximum @ 210%	159-0250-00	.768	CR
20.	250.	4	Slow	12. Minimum, 2. Minutes Maximum	159-0241-00	.880	CR
25.	32.	4	Medium	10. Maximum	159-0147-00	.144	CR
30.	32.	4	Medium	5. Maximum	159-0162-00	.140	CS
35.	500.		Slow	20. Maximum	159-0218-00	7.403	CR
60.	500.		Fast	6. Maximum	159-0243-00	6.690	PP

## THERMAL FUSES

Ratings		Opening Temperature	Part Number	Codes <sup>a</sup>	
Amps (Maximum)	Volts AC			Cost	ST
15	1200 Maximum	152°C	159-0125-00	.395	CR
15	1200 Minimum	104°C	159-0169-00	.600	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Replacement fuse used in United Kingdom Power Cord.

## NOT RECOMMENDED FOR NEW DESIGN

### FUSES

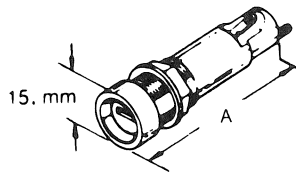
Ratings		Figure	Type	200% Load Blow Time Seconds	Part Number	Codes <sup>a</sup>	
Amps	Volts					Cost	ST
.062	125.	5	Medium	10.	159-0148-00	.500	CR
.125	250.	3	Medium	3.	159-0033-00	.410	CS
.125	250.	4	Medium	1.5	159-0063-00		OB
.15	32.	1	Fast	.12	159-0049-00		OB
.25	125.	8	Slow	10. Maximum	159-0177-00	1.320	CS
.3	250.	2	Fast	30. Minutes Maximum @ 210%	159-0175-00		OB
.315	250.	2	Fast	5. mS	159-0192-00		DL
.375	125.	5	Fast	5. Maximum	159-0219-00		DL
1.5	125.	7	Fast	10. @ 150%	159-0141-00	2.100	CR
2.	125.	8	Slow	10. Maximum	159-0176-00	1.860	CS
3.	125.	2	Fast	4. Maximum	159-0189-00		DL
3.	125.	7	Medium	10.	159-0127-00	.311	CS
3.	250.	9	Slow	5. Minimum	159-0196-00		DL
4.	125.	8	Slow	10. Maximum	159-0178-00	1.320	CS
5.	32.	1	Fast	.3 Average	159-0053-00	.460	CS
5.	250.	4	Slow	5. Minimum, 2. Minutes Maximum	159-0216-00	.470	CS
6.	250.	4	Fast	5. Maximum	159-0215-00	.600	CR
6.3	250.	2	Slow	2. Minutes Maximum @ 210%	159-0214-00	.120	CR
15.	32.	1	Fast	.7 Average	159-0082-00	.407	CR
20.	250.	4	Slow	7. Average	159-0045-00	.760	CS
25.	125.	4	Slow	30. Maximum	159-0138-00	.350	CS

### THERMAL FUSES

Ratings		Opening Temperature	Part Number	Codes <sup>a</sup>	
Amps (Maximum)	Volts AC			Cost	ST
15	1200 Minimum	171°C	159-0101-00		OB
15	1200 Minimum	84°C	159-0166-00	.370	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

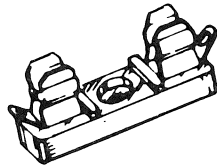
## FUSEHOLDERS



204-0837-00 Cost:<sup>a</sup> .735 ST:<sup>a</sup> CR  
 LOW PROFILE  
 Dim A: .735  
 Accepts .250 x 1.250 & 5 X 20 mm Fuses  
 Current Ratings:  
 20 A - UL, 16 A - CSA, 10 A - VDE & SEV  
 6.3 A - SEMKO & FEI  
 Voltage Rating 250 VAC  
 Third Party Certification:  
 UL, CSA, VDE, SEMKO, SEV & FEI

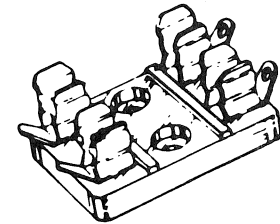
352-0765-01 Cost:<sup>a</sup> .871 ST:<sup>a</sup> CR  
 HIGH PROFILE  
 Dim A: 47 mm  
 Accepts .250 x 1.250 Fuse  
 Current Ratings:  
 20 A - UL, 16 A - CSA, 6.3 A - VDE & SEMKO  
 Voltage Rating 250 VAC  
 Third Party Certification:  
 UL, CSA, VDE, SEMKO

352-0787-00 Cost:<sup>a</sup> 1.190 ST:<sup>a</sup> CR  
 Dim A: 46 mm  
 Accepts .250 x 1.250 Fuse  
 Current Ratings:  
 16 A - UL & CSA, 10 A - VDE  
 Voltage Rating 250 VAC  
 Third Party Certification:  
 UL, CSA, VDE

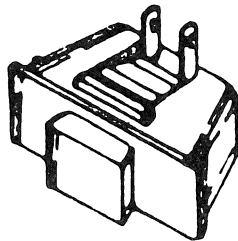


352-0515-00 Cost:<sup>a</sup> .750 ST:<sup>a</sup> CR  
 Accepts (1) .250 x 1.250 Fuse  
 Current Rating 25 A  
 Voltage Rating 300 V  
 Third Party Certification: UL & CSA

352-0031-00 Cost:<sup>a</sup> .495 ST:<sup>a</sup> CR  
 Accepts (1) .250 x 1.250 Fuse  
 Current Rating 15 A  
 Voltage Rating 250 V  
 Third Party Certification: UL

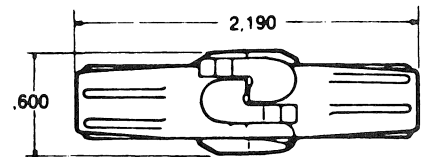


352-0025-00 Cost:<sup>a</sup> 1.010 ST:<sup>a</sup> CR  
 Accepts (2) .250 x 1.250 Fuses  
 Current Rating 15 A  
 Voltage Rating 250 V  
 Third Party Certification: UL



352-0326-00 Cost:<sup>a</sup> .067 ST:<sup>a</sup> OT  
 Accepts (1) .250 x 1.250 Fuse

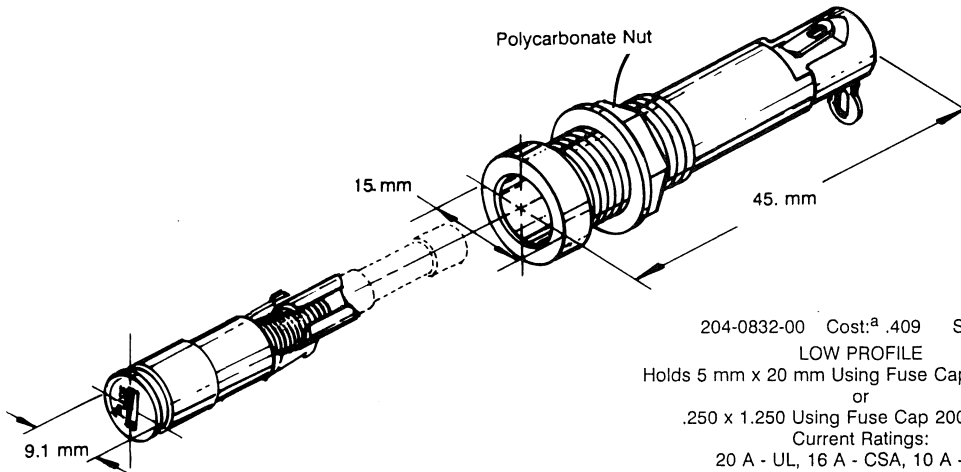
204-0374-01 ST:<sup>a</sup> CS  
 Fuseholder Body with Clips



352-0752-00 Cost:<sup>a</sup> .120 ST:<sup>a</sup> CR  
 Accepts (1) .250 x 1.250 Fuse  
 Current Rating 20 A  
 Voltage Rating 32 V

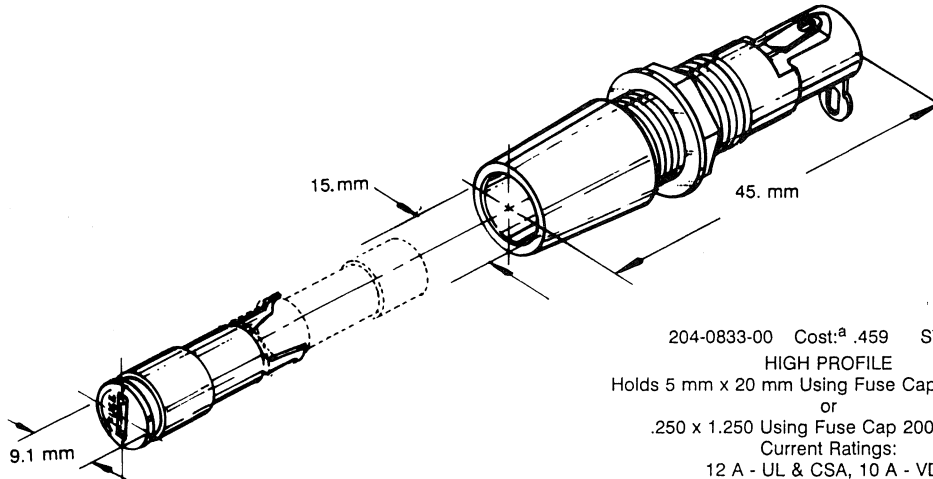
<sup>a</sup> The nominal price (at time of printing) is listed as cost. For Status Codes, see tab marked CODES in the back of this catalog.

## FUSEHOLDERS (cont)



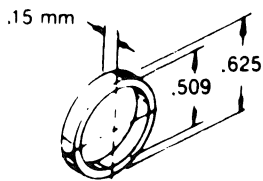
200-2265-00 Cost:<sup>a</sup> .313 ST:<sup>a</sup> CR  
 Fuse Cap  
 Black, Accepts 5 mm x 20 mm Fuse

204-0832-00 Cost:<sup>a</sup> .409 ST:<sup>a</sup> CR  
 LOW PROFILE  
 Holds 5 mm x 20 mm Using Fuse Cap 200-2265-00  
 or  
 .250 x 1.250 Using Fuse Cap 200-2264-00  
 Current Ratings:  
 20 A - UL, 16 A - CSA, 10 A - VDE  
 6.3 A - SEMKO, SEV & FEI  
 Voltage Rating 250 V  
 Third Party Certification:  
 UL, CSA, VDE, SEV & SEMKO

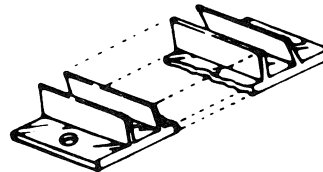


200-2264-00 Cost:<sup>a</sup> .343 ST:<sup>a</sup> CR  
 Fuse Cap  
 Gray, Accepts .250 x 1.250 Fuse

204-0833-00 Cost:<sup>a</sup> .459 ST:<sup>a</sup> CR  
 HIGH PROFILE  
 Holds 5 mm x 20 mm Using Fuse Cap 200-2265-00  
 or  
 .250 x 1.250 Using Fuse Cap 200-2264-00  
 Current Ratings:  
 12 A - UL & CSA, 10 A - VDE  
 6.3 A - SEMKO, SEV & FEI  
 Voltage Rating 250 V  
 Third Party Certification:  
 UL, CSA, VDE, SEV & SEMKO



361-1011-00 Cost:<sup>a</sup> .437 ST:<sup>a</sup> CR  
 Aluminum Etch  
 SHIM (Can be Used with Fuseholders)

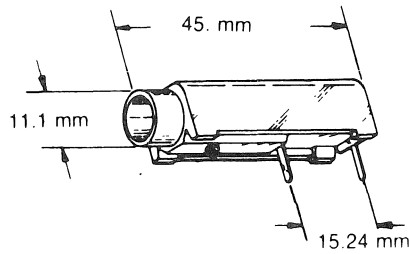


352-0136-00 Cost:<sup>a</sup> .216 ST:<sup>a</sup> CR  
 Black Polypropylene  
 Accepts (2) .250 Dia Fuses

352-0093-00 Cost:<sup>a</sup> .460 ST:<sup>a</sup> CR  
 Black Polypropylene  
 Accepts (5) .250 Dia Fuses

<sup>a</sup> The nominal price (at time of printing) is listed as cost. For Status Codes, see tab marked CODES in the back of this catalog.

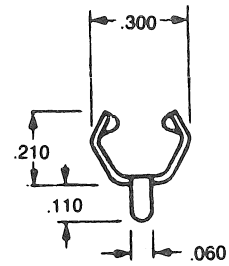
## FUSEHOLDERS (cont)



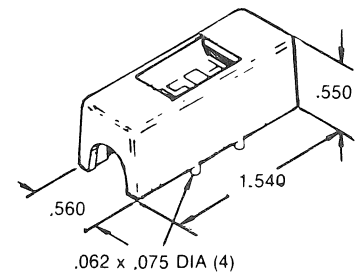
CIRCUIT BOARD HORIZONTAL MOUNT

204-0906-00 Cost:<sup>a</sup> .871 ST:<sup>a</sup> CR  
 Accepts (1) .250 x 1.250 & 5 mm Fuses  
 Current Ratings:  
 12 A - UL & CSA  
 6.3 A - VDE, SEV & SEMKO  
 Voltage Rating 250 VAC  
 Third Party Certification:  
 UL, CSA, VDE, SEV & SEMKO

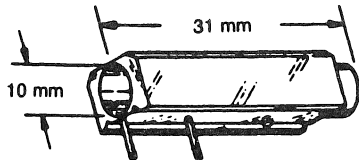
352-0795-00 Cost:<sup>a</sup> .704 ST:<sup>a</sup> CR  
 Accepts (1) .250 x 1.250 Fuse  
 Current Ratings:  
 16 A - UL, 15 A - CSA, 10 A - VDE  
 Voltage Rating 250 VAC  
 Third Party Certification:  
 UL, CSA, & SEV



344-0377-00 Cost:<sup>a</sup> .220 ST:<sup>a</sup> CR  
 Accepts (1) .250 Dia Fuse  
 Current Rating 30 A  
 Voltage Rating 250 V



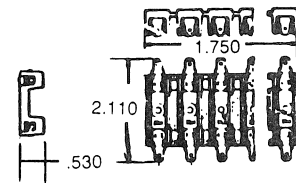
352-0425-00 Cost:<sup>a</sup> .130 ST:<sup>a</sup> CS  
 Silver Gray Polycarbonate



CIRCUIT BOARD HORIZONTAL MOUNT

204-0981-00 ST:<sup>a</sup> DL  
 Accepts 5 x 20 mm Fuse  
 Third Party Certification: SEV

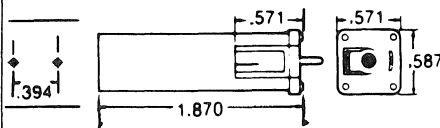
352-0784-00 Cost:<sup>a</sup> 1.191 ST:<sup>a</sup> CR  
 Accepts 5 mm x 20 mm Fuse  
 Current Ratings:  
 12 A - UL, 10 A - CSA  
 6.3 A - VDE, SEV & SEMKO  
 Voltage Rating 250 V  
 Third Party Certification:  
 UL, CSA, SEV, SEMKO & VDE



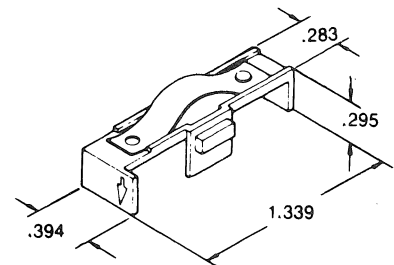
352-0818-00 Cost:<sup>a</sup> .518 ST:<sup>a</sup> PP  
 CHASSIS MOUNT  
 Accepts (1) .250 x 1.250 Fuse  
 Current Rating: 25A  
 Third Party Certification: UL & CSA



344-0326-00 Cost:<sup>a</sup> .041 ST:<sup>a</sup> CR  
 CIRCUIT BOARD MOUNT  
 Spring Brass (Bright Tin Finish)  
 Accepts any .250 Dia Fuse  
 Current Rating 15 A  
 Voltage Rating 250 V



352-0627-00 Cost:<sup>a</sup> .979 ST:<sup>a</sup> CR  
 CIRCUIT BOARD VERTICAL MOUNT  
 Current Ratings:  
 12 A - UL & CSA  
 6.3 A - VDE, SEV & SEMKO  
 Voltage Rating 2500 V  
 Third Party Certification:  
 UL, CSA, SEV, SEMKO & VDE



352-0724-00 Cost:<sup>a</sup> .650 ST:<sup>a</sup> CS  
 Accepts (1) .250 x 1.250 Fuse

<sup>a</sup> The nominal price (at time of printing) is listed as cost. For Status Codes, see tab marked CODES in the back of this catalog.

## NOT RECOMMENDED FOR NEW DESIGN

### FUSEHOLDERS


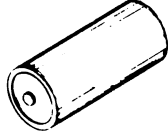
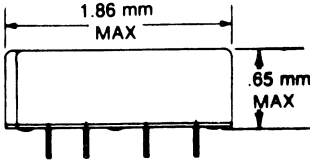
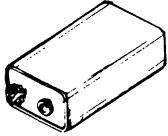
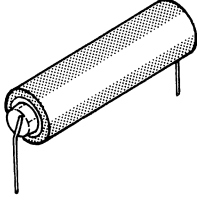
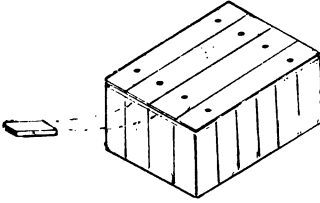
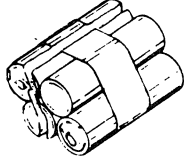
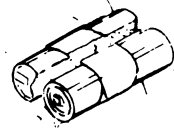
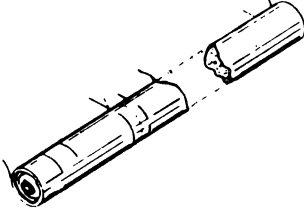
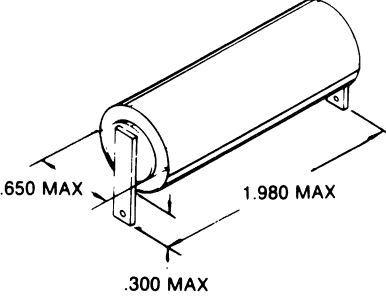
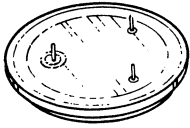
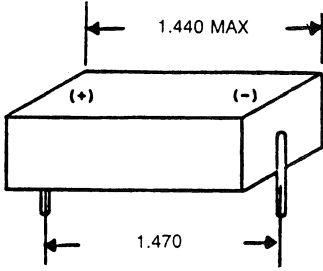
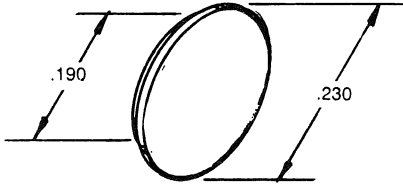
Description	Part Number	Codes <sup>a</sup>	
		Cost	ST
Cover for Fuse Holders	200-0237-04	.348	CR
Used for Circuit Board Mounting, Accepts .250 Dia Fuse	344-0154-00	.020	CR
Used for Chassis Mounting, Accepts any .250 Dia Fuse	344-0159-00	.194	CS
Used for Circuit Board Mounting, Accepts .250 Dia Fuse	344-0255-00	.145	CR
Used for Circuit Board Mounting, Accepts .250 Dia Fuse	344-0286-00	.040	CR
Accepts (3) .250 x 1.250 Fuses, Current Rating 15 A, Voltage Rating 250 V	352-0073-00		NP
Accepts (4) .250 Dia Spare Fuses and (3) CRT Light Filters	352-0109-00	.860	CS
Accepts (4) 5 mm Dia Fuses	352-0135-00	.500	LS
Accepts (1) .250 x 1.250 Fuse, Third Party Certification, UL & CSA	352-0362-00	1.320	CR
Accepts (1) .250 x 1.250 Fuse, Third Party Certification, UL & CSA	352-0362-01	1.010	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.





# BATTERIES

 <p>FIGURE 1</p>	 <p>FIGURE 2</p>	 <p>FIGURE 3</p>	 <p>FIGURE 4</p>
 <p>FIGURE 5</p>	 <p>FIGURE 6</p>	 <p>FIGURE 7</p>	
 <p>FIGURE 8</p>	 <p>FIGURE 9</p>	 <p>FIGURE 10</p>	
 <p>FIGURE 11</p>	 <p>FIGURE 12</p>	 <p>FIGURE 13</p>	

## BATTERIES (cont)

Open Circuit Voltage	Service Capacity	Dimensions	Fig	Terminal Configuration	Elect Type	General Information	Part Number	Codes <sup>a</sup>	
								Cost	ST
1.35	.45 Ah	.550 OD x 1.940	2	Button (Pos)	Nickel Cadmium	AA Cell	Central Stores 14106		
1.35	.22 Ah at 100 $\mu$ A	.455 OD x .208	1	Solder Tabs	Mercury	Button Cell	146-0030-00	1.510	CR
1.35	1.1 Ah at 35 mA	.620 OD x .660	1	Solder Tabs	Mercury	Button Cell	146-0015-00	1.580	CR
1.5	43. mAh	.457 OD x .083	13	Button	Silver Oxide		146-0067-00	.670	CR
2.4	.07 Ah at 7 mA	.403 OD x 1.747	5	Wire Leads	Nickel Cadmium	AAA Cell	146-0040-00	3.450	CS
2.4	4. Ah at 350 mA	2.590 x 2.345	8	Solder Tabs	Nickel Cadmium	(2) D Cells	146-0028-00	15.000	CR
2.4	4. Ah at 350 mA		10	Solder Tabs	Nickel Cadmium	(2) D Cells	146-0032-00	6.85	CR
2.4	.15 Ah at 14 mA	.643 OD x 1.325	5	Solder Tabs	Nickel Cadmium	1 x 1/3 AA Cells	146-0037-00	5.490	CR
2.8	.65 Ah	1.354 OD x .158	3	Button	Lithium		146-0041-01	8.070	CR
2.8	.7 Ah	1.354 OD x .158	11	Button (Pos)	Lithium		146-0041-00	9.970	CR
2.8	400 mAh	1.063 x .150	11	Button	Lithium	C Cell	146-0044-00	5.320	CR
3.	150 mAh	.906 OD x .010	13	Button (Pos)	Lithium		146-0063-00	.880	PP
3.	250 mAh	25 mm OD x 3. mm	13	Button (Pos)	Lithium		146-0069-00	1.050	PP
3.	1200 mAh	.669 OD x 1.312	2	Button (Pos)	Lithium	2/3 A Cell	146-0050-00	2.900	CR
3.	1200 mAh	.670 OD x 1.320	2	Wire Leads	Lithium	2/3 A Cell	146-0056-01	4.270	CR
3.	1200 mAh	1.350 Long	10	Solder Tabs	Lithium	2/3 A Cell	146-0055-00	3.550	PP
3.4	1.75 Ah at 1.5 mA	.563 OD x 1.953	5	Wire Tabs	Lithium	AA Cell	146-0045-00	5.750	CR
3.5	1.6 Ah	.530 Sq x 1.440	12	Solder Tabs	Lithium		146-0054-00	6.430	CR
3.5	1.6 Ah	.550 Sq x 1.480	12	Wire Leads	Lithium		146-0062-00	5.750	CR
3.5	.750 mAh	.320 x .700 x 1.200	3	Solder Tabs	Lithium	PC Mount Module, 4 Pin	146-0049-00	4.580	CR
3.6	70 mAh	.650 x .850 x 1.860	3	Solder Tabs	Nickel Cadmium	1/2 AAA Cell	146-0052-00	4.350	CR
3.75	.1 Ah at 10 mA	.650 OD x 1.980	10	Solder Tabs	Nickel Cadmium	(3) 1/3 A Cells	146-0035-00	4.160	CR
4.8	7. Ah at 700 mA	1.292 x 1.292 x 14.040	9	Solder Tabs	Nickel Cadmium	(4) F Cells, Replacement for 146-0021-00	146-0021-01		OB
5.	4. Ah at 400 mA	1.260 x 9.250	9	Solder Tabs	Nickel Cadmium	(4) D Cells	146-0043-00	37.210	CS
6.	.66 Ah at 66 mA		8		Nickel Cadmium	(5) A Cells	146-0033-01		NP
7.2	1.8 Ah at 150 mA	1.860 x 1.920 x 3.600	7	Solder Tabs	Nickel Cadmium	(6) 146-0011-01 C Cells	146-0012-01	22.810	CR
9.	.4 Ah at 8 mA	.660 x 1.030 x 1.910	4	Mini Snap	Carbon Zinc		146-0017-00	.450	CR
10.8	1.8 Ah at 150 mA		7	Solder Tabs	Nickel Cadmium	(9) 146-0011-01 C Cells	146-0018-01	30.080	CR
13.2	3.5 Ah	1.485 x 6.600 x 11.725		Cable w/Conn	Nickel Cadmium	(22) D Cells	146-0047-00	193.020	CR
24.	7. Ah at 700 mA	3.890 x 5.625 x 7.030	6	Cable w/Conn	Nickel Cadmium	(20) F Cells	146-0020-00	221.600	CR

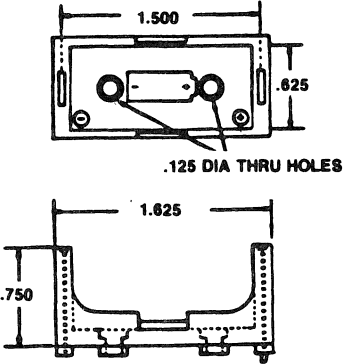
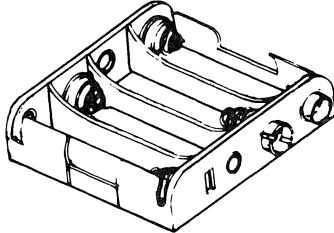
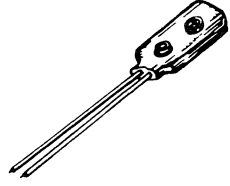
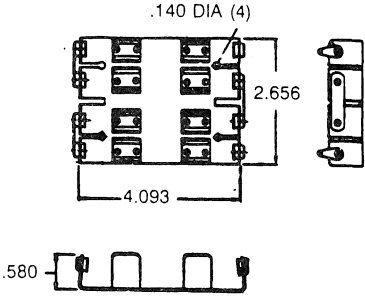
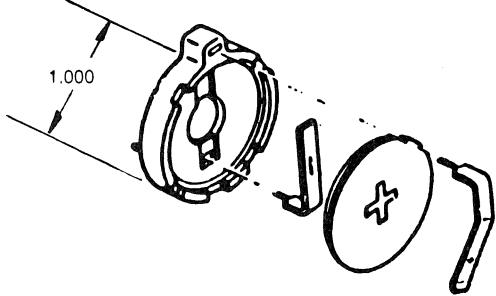
The values are only approximations at one load condition. The service life of all non-rechargeable batteries varies considerably with current drain, duty cycle, cutoff voltage, operating temperature and storage conditions.

## NOT RECOMMENDED FOR NEW DESIGN BATTERIES

Open Circuit Voltage	Service Capacity	Dimensions	Fig	Terminal Configuration	Elect Type	General Information	Part Number	Codes <sup>a</sup>	
								Cost	ST
1.2	1.8 Ah at 150 mA	1.028 OD x 1.860	2	Solder Tabs	Nickel-Cadmium	C Cell	146-0011-01	4.340	CS
1.2	4. Ah at 400 mA	1.308 OD x 2.398		Button (Pos)	Nickel-Cadmium	D Cell	146-0005-00		OB
1.2	4. Ah at 400 mA	1.324 OD x 2.380		Solder Tabs	Nickel-Cadmium	D Cell	146-0010-00		OB
1.2	7. Ah at 700 mA	1.280 OD x 3.505		Solder Tabs	Nickel Cadmium	F Cell	146-0024-00		OB
1.25	4.4 Ah at 440 mA	1.290 OD x 2.345		Solder Tabs	Nickel Cadmium	D Cell, High Temperature	146-0023-00		OB
1.35	2.2 Ah	.980 OD x .650	2	Button (Neg)	Mercury	Button Cell	146-0001-00		OB
1.5		.550 OD x 1.940	2	Button (Pos)	Alkaline	AA Cell	146-0025-00		NP
2.	2.5 Ah at 25 mA	1.335 x 2.400	11	Solder Tabs		D Cell, Lead Acid	146-0036-00	4.020	CS
5.4	1. Ah at 30 mA		9	Button (Neg)	Mercury	(4) Cells End to End (1 Tube)	146-0029-00	6.920	CS
6.	.66 Ah at 66 mA	.680 x 3.260 x 1.970	8	Solder Tabs	Nickel Cadmium	(5) A Cells Side by Side, Fast Charge 180 mA	146-0026-00		NP
6.	.66 Ah at 66 mA			Solder Tabs	Nickel Cadmium	(5) A Cells	146-0033-00		NP
8.4	.575 Ah at 15 mA	.660 x 1.030 x 1.750	4	Mini Snap	Mercury		146-0019-00	3.300	CS
24.	7. Ah at 700 mA	1.292 x 6.500 x 14.040		Solder Tabs	Nickel Cadmium	(20) F Cells (4)/Tubes, (5) Tubes	146-0021-00	220.000	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## BATTERY HOLDERS & CLIP

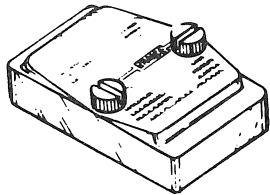
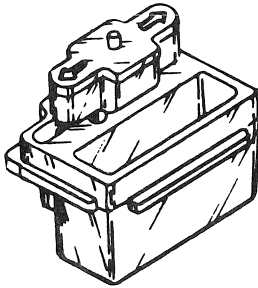
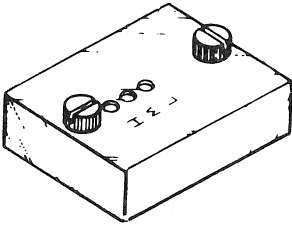
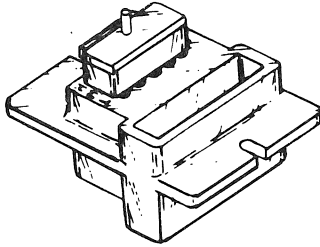
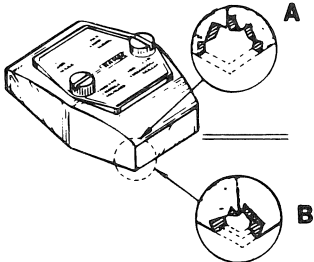
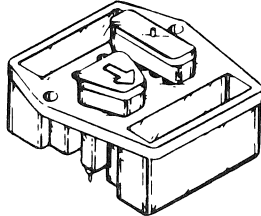
 <p>352-0742-00 COST:<sup>a</sup> .880 ST:<sup>a</sup> CR  <b>BATTERY HOLDER</b>                  Accepts 2/3 A Size Batteries                  Plastic Frame w/Metal Contacts</p>	 <p>352-0511-00 COST:<sup>a</sup> .630 ST:<sup>a</sup> CR  <b>BATTERY HOLDER</b>                  Accepts 8 AA Size Batteries                  Plastic Frame w/Metal Contacts</p>	 <p>131-1160-00 COST:<sup>a</sup> .250 ST:<sup>a</sup> CR  <b>BATTERY CLIP</b></p>
 <p>352-0754-00 COST:<sup>a</sup> 1.560 ST:<sup>a</sup> CR  <b>BATTERY HOLDER</b>                  Accepts 8 AA Size Batteries                  Aluminum Frame w/Metal Contacts</p>	 <p>352-0843-00 COST:<sup>a</sup> .670 ST:<sup>a</sup> PP  <b>BATTERY HOLDER</b>                  Accepts Lithium 3 V Button Cell                  Plastic Frame w/Metal Contacts</p>	

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

# VOLTAGE SELECTORS

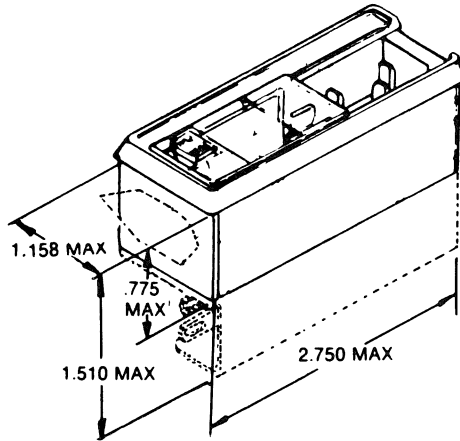
## COVERS

## BASES

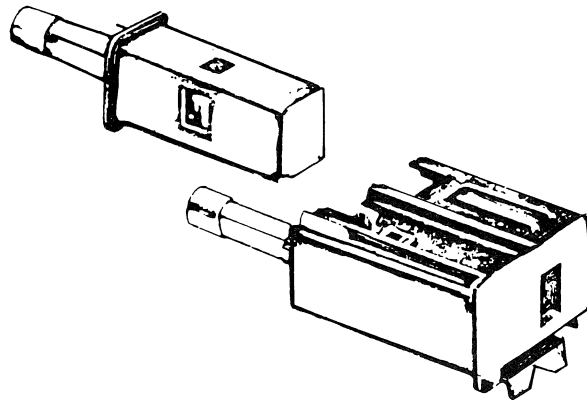
							
Description	Part Number	Codes <sup>a</sup>		Description	Part Number	Codes <sup>a</sup>	
		Cost	ST			Cost	ST
W/label 334-1370-00 & Fuseholder, 115/230 V, Plated	200-0981-01	10.994	CS	W/contacts & Clips, 115/230 V	204-0373-01	3.525	CS
W/label 334-1370-00 & Fuseholder, 115/230 V, Tinned	200-0981-02	3.869	CS				
							
Description	Part Number	Codes <sup>a</sup>		Description	Part Number	Codes <sup>a</sup>	
		Cost	ST			Cost	ST
W/hardware & Fuseholder, 120/240 V, Lo M Hi	200-1445-01	3.348	CR	Lo M Hi	204-0549-00	.381	CR
W/hardware & Fuseholder, 115/230 V, Lo M Hi	200-1445-03	3.835	CR				
							
Description	Part Number	Codes <sup>a</sup>		Description	Part Number	Codes <sup>a</sup>	
		Cost	ST			Cost	ST
W/label 334-1851-00 & Fuseholder, 115/230 V	200-0763-04	8.775	CR	W/clips & Contacts, Not Wired, 115/230 V	204-0278-01	3.151	CR
W/label 334-1060-00 & Fuseholder, 115/230 V	200-0706-00	5.102	CR	W/clips & Contacts, W/both 115/230 V, Lo M Hi	204-0279-00	9.838	CR
W/label 334-1055-00 & Fuseholder, 115/230 V, Lo M Hi	200-0762-00	8.200	CR	W/clips & Contacts, Wired, 115/230 V	204-0281-00	5.931	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## VOLTAGE SELECTORS (cont)



Description	Part Number	Codes <sup>a</sup>		Description	Part Number	Codes <sup>a</sup>	
		Cost	ST			Cost	ST
W/Male Receptacle, Fuseholder and Circuit Board Electrical Rating: 6 A, 250 V, 50-400 Hz Operating Voltage: 100, 120, 220 or 240 V RMS Accepts .250 x 1.250 Inch Fuse Third Party Certification: UL, CSA & VDE	119-0802-00	5.250	CR	W/Line Filter, Male Receptacle, Fuseholder and Circuit Board Electrical Rating: 6 A, 250 V, 50-400 Hz Operating Voltage: 100, 120, 220 or 240 V RMS Accepts .250 x 1.250 Inch Fuse Third Party Certification: UL	119-0813-00	10.180	CR



Description	Part Number	Codes <sup>a</sup>	
		Cost	ST
Voltage Selector w/Fuseholder, 16 A, 250 V w/Fuseholder 1-1/4 x 1/4 Inch Fuse	119-2679-00	3.915	PP

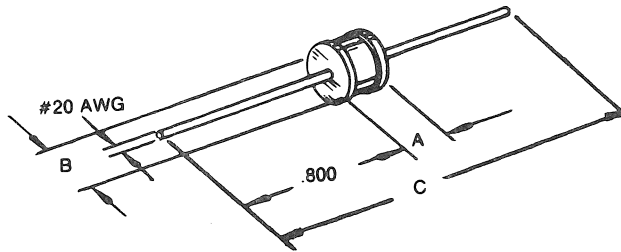
## NOT RECOMMENDED FOR NEW DESIGN VOLTAGE SELECTORS

Description	Part Number	Codes <sup>a</sup>	
		Cost	ST
W/label 334-1055-00 and Fuseholder, 115/230 V, Lo M Hi	200-0704-00	5.102	OB
W/label 334-1260-00 and Fuseholder, 115/235 V, lo M Hi	200-0880-00		CS
W/label 334-1414-00 and Fuseholder, 115/230 V, Lo Hi	200-1054-00		OB
W/clips and Contacts, Lo M Hi	204-0454-00		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# SPARK GAPS

## ARRESTOR, ELECTRICAL SURGE



DC Strike Voltage	Dimensions (Max)			Part Number	Codes <sup>a</sup>	
	A	B	C		Cost	ST
90 ±20%	.284	.380	1.850 Nominal	119-0430-00	1.250	CR
>130 <175	.284	.380	1.850 Nominal	119-0429-00	.670	CR
145 ±20%	.277	.380	1.700 Minimum	119-0759-00	1.260	CR
230 ±15%	.250	.380	1.250 Minimum	119-0181-00	.540	CR
350 ±15%	.277	.380	2.050 Nominal	119-0758-00	1.000	CS
470 ±15%	.277	.380	2.050 Nominal	119-0285-00	2.650	CR
800 ±15%	.347	.380	1.700 Minimum	119-0287-00	.720	CR
1000 ±15%	.301	.380	1.700 Minimum	119-1602-00	2.220	CR

The following information applies to all the above parts:

Rated Surge Discharge Current: > 5 kA  
 Insulation Resistance: > 100 GΩ  
 Capacitance Between Electrodes: < 2 pF

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.





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CATALOG WRITER: SANDRA PHILLIPS, 629-3030

# FANS (AXIAL & CENTRIFUGAL)



FIGURE 1



FIGURE 2

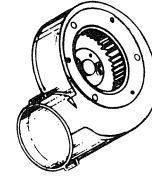


FIGURE 3

Air Flow ft <sup>3</sup> /Min	Operating Voltage (Nominal)	Frequency (Hz)	Power Input (Watts)	Physical Size	Fig	Electrical Hook-up	Other	Part Number	Codes <sup>a</sup>	
									Cost	ST
11.6	12 VDC		.95	2.362 Sq x 1.000	1	Wire Leads	Brushless	119-2071-00	10.600	CR
14	24 VDC		100	5.800 OD x 5.860	3	Wire Lead	Centrifugal	119-0336-00	78.690	CR
20	24 VDC		3	2.360 Sq x .900	1	Wire Leads	Brushless	119-2068-00	11.200	CR
20/22	115 VAC	50/60	15/14	4.750 Sq x 1.560	1	Solder Terminals		119-1438-00	19.650	CS
20/25	115 VAC	50/60	6/5	4.360 OD x 1.020	2	Terminals	W/two Mounting Tabs	119-1668-00	12.920	CR
21	12 VDC		1.44	3.150 Sq x 1.260	1	Wire Leads	Brushless	119-1635-00	14.390	CR
21	115 VAC	50/60	5	3.140 Sq x 1.645	1	Solder Terminals	Low Noise	119-0492-00	8.500	CR
23	12 VDC		4.8	2.440 Sq x 1.000	1	Terminals	Brushless	119-2011-01		CR
23	24 VAC	50/60	2.5	3.129 OD x 1.500	2	Wire Leads	W/two Mounting Tabs	119-0702-00	19.800	CS
23	24 VAC	50/60	2.5	3.120 OD x 1.500	2	Terminals	W/pin & Connectors	119-0702-01	41.071	CS
23.3	12 VDC		3	2.440 Sq x 1.100	1	Wire Leads	Brushless	119-2011-00	25.000	CR
24	12 VDC		1.68	3.150 Sq x .787	1	Wire Leads		119-2102-00	10.420	CR
24.5	12 VDC		1.92	3.149 Sq x .984	1	Wire Leads	Brushless	119-1852-00	14.390	CR
24.5	12 VDC		1.92	3.149 Sq x .984	1	Wire Leads	Brushless	119-1852-01	18.884	CR
25	12 VDC		3.12	3.620 Sq x 1.000	1	Wire Leads	Brushless	119-1801-01		NP
28	12 VDC		1.5	3.150 Sq x .984	1	Wire Leads	Brushless	119-2063-00	6.000	CR
28	12 VDC		3.84	3.150 Sq x 1.260	1	Wire Leads	Brushless	119-1545-00	22.000	CS
30	12 VDC		1.4	2.622 Sq	1	Terminals	Brushless	119-2606-00	4.500	EN
31	12 VDC		2.4	2.443 Sq x 1.882	1	Solder Terminals	Brushless w/o Electronics	119-0830-01	19.930	CR
31	12 VDC		2.4	2.443 Sq x 1.882	1	Solder Terminals	Brushless, Reverse Air Flow	119-0830-02	21.640	CR
31	12 VDC		2.4	2.443 Sq x 1.882	1	Wire Leads	Brushless, Reverse Air Flow	119-0830-07	17.650	CR
31.8	12 VDC		4.8	3.150 Sq x 1.260	1	Wire Leads	Brushless	119-1545-01	8.600	CR
35	12 VDC		1.72	4.724 Sq x .984	1	Wire Leads	Brushless	119-1770-00	12.500	CR
35	12 VDC		4.8	3.150 Sq x 1.260	1	Terminals		119-1545-02	8.861	CR
35	24 VDC		3	3.140 Sq x 1.645	1	Wire Leads	Brushless	119-1605-00	33.700	CR
35/40	110/220 VAC	50/60	13/11	2.440	3	Terminals	W/pins & Connectors	119-1665-00	8.570	CR
36	12 VDC		2.6	3.130 Sq x 1.500	1	Wire Leads	Brushless	119-1790-00		NP
36	12 VDC		3	3.130 Sq x 1.500	1	Wire Leads	Brushless	119-1790-01	17.290	CR
37	12 VDC		2.4	2.443 Sq x 1.882	1	Wire Leads	Brushless	119-0830-00	20.500	CR
37	12 VDC		2.6	2.443 Sq x 1.882	1	Terminals	W/pins & Connectors	119-0830-06		NP
37	12 VDC		3.5	3.150 Sq	1	Solder Terminals	Brushless	119-2610-00	15.290	CR
37	12 VDC		3.5	2.443 Sq x 1.882	1	Wire Leads	Brushless	119-0830-08	19.096	CR
40	115 VAC	47/440	7	3.625 Sq x 1.500	1	Wire Leads	Meets MIL Spec	119-0396-00	117.050	CR
35.9	115 VAC	50/60	13	3.130 Sq x 1.500	1	Wire Leads		119-0215-00	12.500	CR
43	115 VAC	50/60	13	3.125 Sq x 1.500	1	Wire Leads	W/pins & Connectors	119-0215-06	15.025	CR
43	115 VAC	50/60	13	3.130 Sq x 1.500	1	Wire Leads	W/connectors	119-0215-07	74.795	CS
45	24 VDC		3.6	3.600 Sq x 1.000	1	Wire Leads	Brushless	119-2680-00	14.500	CR
46	115 VDC	50/60	19	3.625 Sq x 1.500	1	Wire Leads	Meets MIL Spec	119-0390-00	26.150	CR
47	12 VDC		2.4	2.443 Sq x 1.882	1	Terminals	Brushless	119-0830-10	17.939	CR
50	12 VDC		2	4.685 Sq x 1.524	1	Wire Leads	Brushless	119-1991-00	19.230	CR
52	115 VAC	50/60	7	4.710 Sq x 1.500	1	Solder Terminals	Low Noise	119-0026-00	8.000	CR
56.5	12 VDC		3.6	4.720 Sq x 1.000	1	Wire Leads	Brushless	119-3801-00	10.900	CR
56.5	24 VDC		3.6	4.720 Sq x 1.000	1	Terminals	Brushless	119-1848-00	22.600	CR
62/78/55	115 VAC	50/60/400	15/14/18.5	4.690 Sq x 1.500	1	Wire Leads	Meets MIL Spec	119-0036-00	110.050	CR
68/75	115 VAC	50/60	11/10	4.710 Sq x 1.500	1	Solder Terminals		119-0721-00	8.050	CR
78	12 VDC		5.9	4.730 Sq x .984	1	Terminal	Brushless	119-2600-00	16.250	PP
80	12 VDC		6	4.720 Sq x 1.496	1	Terminals	Brushless	119-1751-00	22.000	CR
90	12 VDC		1.7/10	4.715 Sq x 1.500	1	Wire Leads		119-2628-00	4.500	PP
94	12 VDC		4.3	4.685 Sq x 1.525	1	Terminals	Brushless	119-2681-00		EN
100	24 VDC		5	4.673 Sq x 1.260	1	Wire Leads	Brushless	119-2479-00	19.950	CR
100	24 VDC		6.7	4.670 Sq x 1.270	1	Wire Leads	Brushless (Muffin)	119-2616-00	9.450	CR
100	115 VAC	50/60	14	4.710 Sq x 1.500	1	Solder Terminals	Air Flow Opp 119-0147-00	119-0147-01	22.500	CR
100/115	90 VAC	50/60	18/15	4.690 Sq x 1.540	1	Terminals		119-1188-00	18.050	CR
100/115	115 VAC	50/60	18/15	4.690 Sq x 1.540	1	Terminals		119-1024-00	9.750	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

**FANS (AXIAL & CENTRIFUGAL) (cont)**

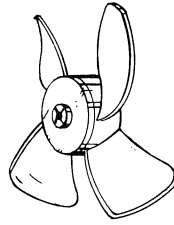
Air Flow ft <sup>3</sup> /Min	Operating Voltage (Nominal)	Frequency (Hz)	Power Input (Watts)	Physical Size	Fig	Electrical Hook-up	Other	Part Number	Codes <sup>a</sup>	
									Cost	ST
102	12 VDC	50/60	7	1.730 Sq x 1.290	1	Wire Leads	Brushless	119-2421-00	11.950	CR
105	115 VAC		14	4.710 Sq x 1.500	1	Solder Terminals		119-0147-00	8.000	CR
106	12 VDC		5.3	4.685 Sq x 1.499	1	Wire Leads	Brushless	119-1364-00	55.450	CR
106	12 VDC		5.3	4.685 Sq x 1.500	1	Terminals	Brushless	119-1719-01	41.150	CR
106	12 VDC		6	4.685 Sq x 1.500	1	Terminals	Brushless	119-1725-01	19.670	CR
106	24 VDC	50/60	6	4.685 Sq x 1.500	1	Terminals	Brushless	119-2056-00	19.670	CR
226/270	220/230 VAC		20	7.044 OD x 2.470	2	Terminals	W/hardware	119-0829-01	78.817	CR
240	24 VDC		24	6.750 OD x 5.500	2	Wire Leads	Brushless	119-2058-00	39.000	CR
245	115 VAC		21	7.044 OD x 2.470	2	Solder Terminals		119-0828-00	45.800	CR
245	115 VAC		21	7.044 OD x 2.470	1	Solderless Terminals	W/support, Ground & Mtg Hdw	119-0828-01	72.250	CR
270	220 VAC	50/60	20	7.044 OD x 2.470	2	Solder Terminals		119-0829-00	53.000	CR
	115 VAC	50/60		16.560 OD x 11.590	3	Wire Leads	Centrifugal	119-1679-00	295.000	CR

**NOT RECOMMENDED FOR NEW DESIGN  
FANS (AXIAL & CENTRIFUGAL)**

Air Flow ft <sup>3</sup> /Min	Operating Voltage (Nominal)	Frequency (Hz)	Power Input (Watts)	Physical Size	Electrical Hook-up	Other	Part Number	Codes <sup>a</sup>	
								Cost	ST
37	220 VAC	50/60	13	2.973 Sq x 1.380	Wire Leads	W/12 Inch Leads	119-0215-02		OB
37	220 VAC	50/60	13	2.973 Sq x 1.380	Wire Leads	W/two 6-32 Press Nuts	119-0215-03		OB
43	115 VAC	50/60	13	3.125 Sq x 1.500	Wire Leads	W/two 6-32 Press Nuts	119-0215-01		OB
43	115 VAC	50/60	13	3.125 Sq x 1.500	Wire Leads	W/17 Inch Leads	119-0215-04	48.269	CS
70	115 VAC	50/60	7	4.688 Sq x 1.500	Solder Terminals		119-0031-01	20.800	CS
75	220 VAC	50/60	7	4.680 Sq x 1.500	Solder Terminals		119-0918-00	20.390	CS
122	115 VAC	400	41	3.550 OD x 1.547	Screw Terminals	Meets MIL Spec	119-0581-00	66.800	CS
300	115 VAC	50/60	100	8.500 OD x 4.000	Leads		119-0658-00		OB
1050	115 VAC	50/60	485	Large		Double Blower	119-0844-00		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## IMPELLER, FAN



### AXIAL

Dia (OD)	Bore (ID)	Rotation (Facing Against Airflow)	Material	Other	Part Number	Codes <sup>a</sup>	
						Cost	ST
3.500	.080	Counter Clockwise	Plastic	Spring Load Shaft Retainer	369-0035-00	.335	CS
3.500	.080	Clockwise	Plastic	Spring Load Shaft Retainer	369-0040-00		NP
3.500	.125	Clockwise	Nylon	Spring Load Shaft Retainer	369-0037-01	.385	CR

### CENTRIFUGAL

Dia (OD)	Bore (ID)	Rotation (Facing Against Airflow)	Material	Other	Part Number	Codes <sup>a</sup>	
						Cost	ST
2.800	.188		Plastic		369-0043-00	1.622	PP
2.800	.250		Plastic		369-0043-01	.510	CR

## NOT RECOMMENCED FOR NEW DESIGN IMPELLER, FAN AXIAL

Dia (OD)	Bore (ID)	Rotation (Facing Against Airflow)	Material	Other	Part Number	Codes <sup>a</sup>	
						Cost	ST
2.062	.080	Counter Clockwise	Plastic	Spring Load Shaft Retainer	369-0042-00	.300	CS
2.375	.190	Counter Clockwise	Plastic		369-0025-00		OB
2.625	.080	Counter Clockwise	Plastic		369-0030-00		OB
2.625	.125	Clockwise	Plastic	Spring Load Shaft Retainer	369-0041-00	.195	CS
3.500	.125	Counter Clockwise	Plastic	Spring Load Shaft Retainer	369-0024-00		OB
4.500	.157	Clockwise	Aluminum or Plastic		369-0016-00		OB
4.500	.250	Clockwise	Aluminum	With Setscrew 10-32	369-0011-00		OB
5.500	.157	Clockwise	Aluminum	With Setscrew 10-32	369-0015-00		OB
5.500	.250	Clockwise	Aluminum	With Setscrew 10-32	369-0001-00		OB
7.000	.250	Clockwise	Aluminum	With Setscrew .250-28	369-0007-02		OB

### CENTRIFUGAL

Dia (OD)	Bore (ID)	Rotation (Facing Against Airflow)	Material	Other	Part Number	Codes <sup>a</sup>	
						Cost	ST
2.620	.081	Clockwise	Plastic	Air Intake, Opp Motor	369-0031-01	.810	CS
2.750	.126	Clockwise	Plastic	Air Intake, Opp Motor	369-0036-00		OB
2.750	.157	Clockwise	Plastic	Air Intake, Opp Motor	369-0036-01		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



## AIR FILTERS

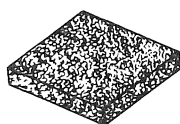


FIGURE 1

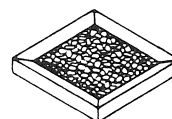


FIGURE 2

Physical Size	Material	Porosity (Per Lineal Inch)	Fig	Part Number (Plain)	Codes <sup>a</sup>		Part Number (Oiled)	Codes <sup>a</sup>	
					Cost	ST		Cost	ST
1.875 x 15.625 x .375 Thick	Polyurethane Foam		1	378-0226-00	1.220	CR			
2.250 x 3.063 x .250 Thick	Polyurethane Foam	20	1	378-0036-00	.105	CS	378-0036-01	.410	CS
2.300 x 3.500 x .375 Thick	Polyurethane Foam	20	1	378-0038-00	.250	CR			
2.850 x 4.600 x .500 Thick	Polyurethane Foam	20	1	378-0201-00	4.738	PP			
3.500 Sq x .500 Thick	Polyurethane Foam	20	1	378-0035-00	2.000	CR			
3.850 x 4.350 x .375 Thick	Polyurethane Foam	20	1	378-0041-00	.480	CR	378-0041-01	.916	CR
4.406 x 5.469 x .500 Thick	Polyurethane Foam	20	1	378-0024-00	.630	CR	378-0029-00	1.239	CR
4.812 x 4.500 x .500 Thick	Polyurethane Foam	20	1	378-0040-00	.600	CS	378-0040-01	1.079	CS
5.250 x 4.750 x .500 Thick	Polyurethane Foam	20	1	378-2017-00	.500	CR			
7.350 x 12.570 x .500 Thick	Polyurethane Foam	30	1	378-0252-00	4.160	CR			
9.625 x 2.850 x .500 Thick	Polyurethane Foam	20	1	378-0113-01	10.170	CS			
9.625 x 17.625 x .500 Thick	Polyurethane Foam	20	1	378-0113-00	4.560	CR			

## NOT RECOMMENDED FOR NEW DESIGN AIR FILTERS

Physical Size	Material	Porosity (Per Lineal Inch)	Fig	Part Number (Plain)	Codes <sup>a</sup>		Part Number (Oiled)	Codes <sup>a</sup>	
					Cost	ST		Cost	ST
2.500 Sq x .250 Thick	Polyurethane Foam	20	1	378-0044-00	.250	CS	378-0044-01	.365	CS
3.175 Sq x .500 Thick	Polyurethane Foam	20	1	378-0045-00	1.000	CS	378-0045-01	1.349	CS
3.400 Sq x .500 Thick	Polyurethane Foam	20	1	378-0053-00	.540	CS			
3.500 Sq x .500 Thick	Polyurethane Foam	20	1				378-0035-01		OB
4.500 Sq x .500 Thick	Polyurethane Foam	20	1	378-0047-00	.420	CS			
5.500 x 6.125 x .500 Thick	Polyurethane Foam	20	1	378-0037-00	.350	CS	378-0037-01	.959	CS
5.968 Sq x .500 Thick	Polyurethane Foam	20	1	378-0028-00		OB	378-0025-00		OB
7.000 Sq x 1.000 Thick	Aluminum Mesh (Framed)		2	378-0015-00		OB			
7.000 x 10.650 x .500 Thick	Expanded Metal (Framed)		2	378-0034-02		OB	378-0034-03		OB
7.250 Sq x .562 Thick	Polyurethane Foam	20	1	378-0030-00		OB	378-0031-00		OB
8.250 Sq x .750 Thick	Polyurethane Foam	10	1	378-0026-00		OB	378-0022-00		OB
10.375 Sq x .750 Thick	Polyurethane Foam	10	1	378-0027-00		OB	378-0023-00		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## INLINE AIR FILTERS

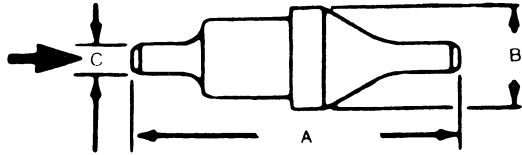


FIGURE 1

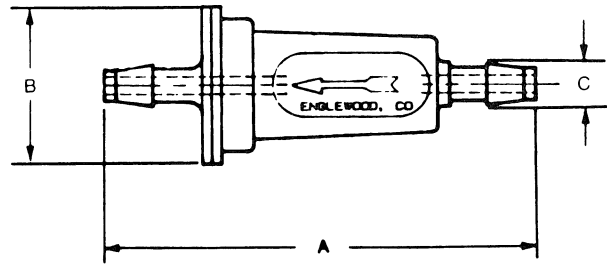
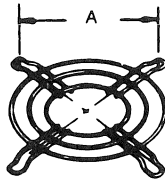


FIGURE 2

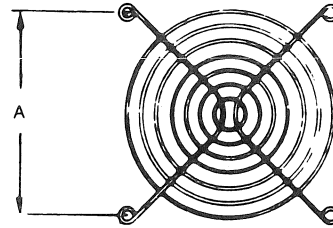
Dimensions			Material	Maximum Pressure	Figure	Part Number	Codes <sup>a</sup>	
A	B	C					Cost	ST
1.580	.640	.150	Polypropylene Nylon	60 PSIG	1	378-0251-00	1.900	CR
2.200	.800	.210					1.250	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

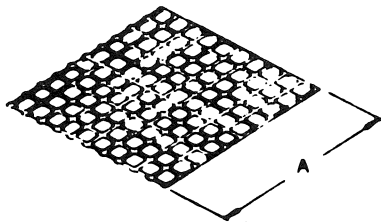
## GRILLES AND SCREENS



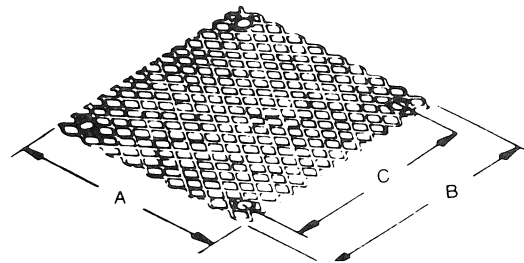
STEEL, ZINC PLATED



Dimension A	Part Number	Codes <sup>a</sup>		Mating Fan Number	Dimension A	Material	Part Number	Codes <sup>a</sup>		Mating Fan Number
		Cost	ST					Cost	ST	
4.125	214-0762-00	1.300	CR	119-0026-00	2.094	Nickel Chrome	378-0268-00	1.720	CR	119-0215-XX 119-0492-00
				119-0036-00	2.810	Zinc Pl Steel	378-0216-00	2.070	CR	
				119-0147-00	2.810	Nickel Chrome	378-0780-00	2.300	CR	
				119-0147-01	3.524	Nickel Chrome	378-0316-00	1.040	PP	
				119-0721-00	4.120	Zinc Pl Steel	200-2222-00	.680	CR	



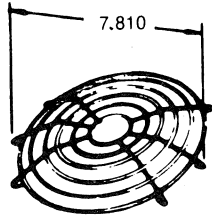
.040 ALUMINUM ETCHED



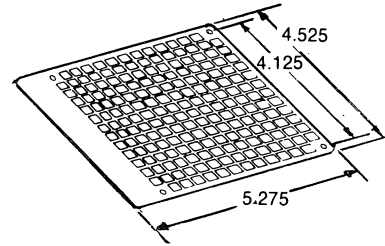
Dimension A	Part Number	Codes <sup>a</sup>		Dimensions			Part Number	Codes <sup>a</sup>	
		Cost	ST	A	B	C		Cost	ST
3.200 Sq	378-0865-00	1.199	CR	3.250	3.250	2.812	378-0077-00	.858	CR
4.500 Sq	378-0076-00	1.488	OT	4.030	3.730	N/A	378-0822-00	.354	CS
				4.300	3.450	2.815	378-0289-00	4.800	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

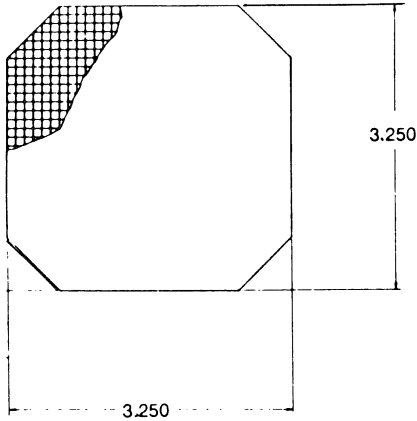
## GRILLES AND SCREENS (cont)



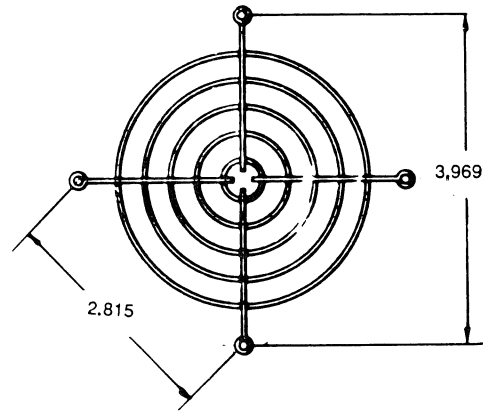
378-0083-00 COST:ufsupcata 7.740 ST:<sup>a</sup> CR  
.091 Dia Steel Wire  
Zinc Plated Snap-on



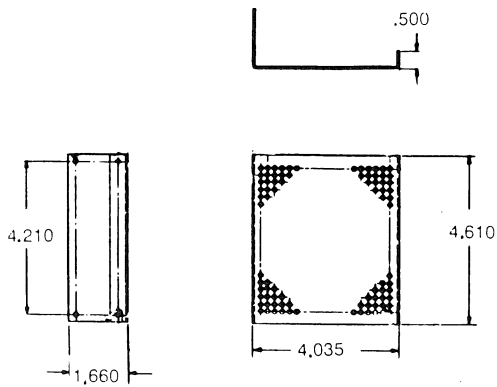
378-0122-00 COST:ufsupcata 7.740 ST:<sup>a</sup> CR  
.063 Aluminum  
Etch & Lacquer



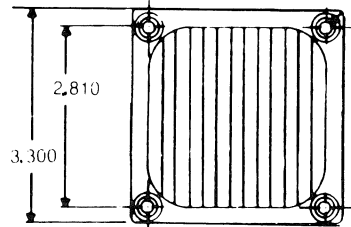
378-0240-00 COST:ufsupcata 1.450 ST:<sup>a</sup> CR  
.018 SST Wire Cloth, 14 x 14 Mesh  
Degrease & Passivate



378-2049-00 COST:ufsupcata 1.530 ST:<sup>a</sup> CR  
Steel Wire  
Nickel-Chrome Plate



378-0806-00 COST:ufsupcata 1.242 ST:<sup>a</sup> CR  
.040 Aluminum, Etch



378-0259-00 COST:ufsupcata 5.170 ST:<sup>a</sup> CR  
EMI/RFI SHIELD  
30 x 30 Aluminum, Black Anodized

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN  
GRILLES AND SCREENS**

Dimensions	Material	Part Number	Codes <sup>a</sup>	
			Cost	ST
2.500 OD	.032 Aluminum	378-0085-00		OB
2.500 Square	.032 Aluminum	378-0807-01	.175	OT
3.750 x 11.875	.040 Aluminum Etched	378-0194-00	2.152	CS
5.150 x 6.125	Plastic Framed, With Aluminum Screen	378-0761-00		OB
5.250 x 6.200	.062 Aluminum Etched, Painted TV Gray	378-0119-00		NP
5.375 x 4.750 (Inflat)	.040 Aluminum Etched	378-0866-00	1.813	CS
5.938 x 12.813	.040 Aluminum Etched	378-0170-00	3.956	CS

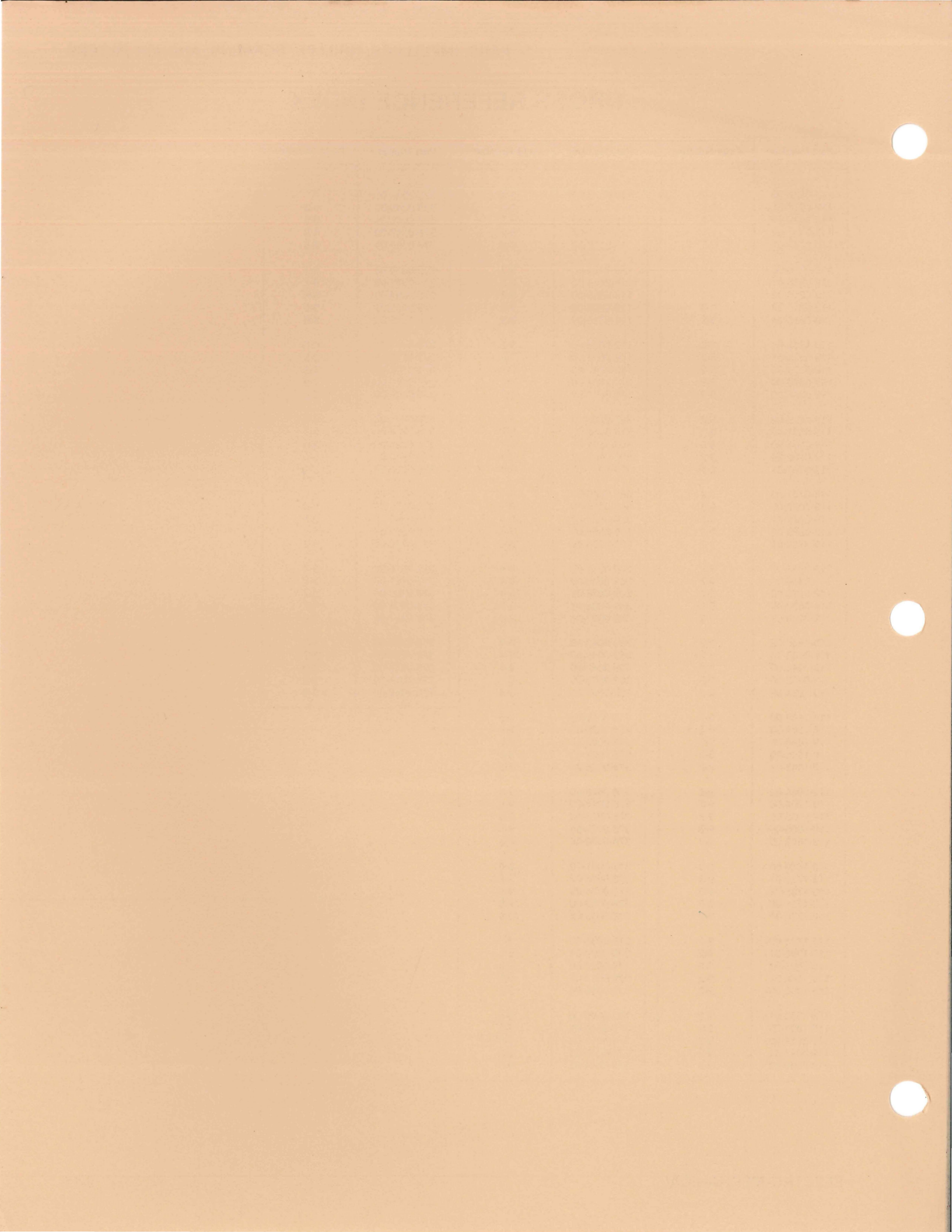
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



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119-0036-00	9-2	119-2068-00	9-2	378-0045-01	9-5
119-0147-00	9-3	119-2071-00	9-2	378-0047-00	9-5
119-0147-01	9-2	119-2102-00	9-3	378-0053-00	9-5
119-0215-00	9-2	119-2421-00	9-2	378-0076-00	9-7
119-0215-01	9-3	119-2479-00	9-3	378-0077-00	9-7
119-0215-02	9-3	119-2600-00	9-2	378-0083-00	9-8
119-0215-03	9-3	119-2606-00	9-2	378-0085-00	9-9
119-0215-04	9-3	119-2610-00	9-2	378-0113-00	9-5
119-0215-06	9-2	119-2616-00	9-2	378-0113-01	9-5
119-0215-07	9-2	119-2628-00	9-2	378-0119-00	9-8
119-0336-00	9-2	119-2680-00	9-2	378-0122-00	9-8
119-0390-00	9-2	119-2681-00	9-2	378-0170-00	9-9
119-0396-00	9-2	119-3801-00	9-2	378-0194-00	9-9
119-0492-00	9-2	200-2222-00	9-7	378-0201-00	9-5
119-0581-00	9-3	214-0762-00	9-7	378-0216-00	9-7
119-0658-00	9-3	369-0001-00	9-4	378-0226-00	9-5
119-0702-00	9-2	369-0007-02	9-4	378-0240-00	9-8
119-0702-01	9-2	369-0011-00	9-4	378-0251-00	9-6
119-0721-00	9-2	369-0015-00	9-4	378-0252-00	9-5
119-0828-00	9-3	369-0016-00	9-4	378-0257-00	9-6
119-0828-01	9-3	369-0024-00	9-4	378-0259-00	9-8
119-0829-00	9-3	369-0025-00	9-4	378-0268-00	9-7
119-0829-01	9-3	369-0030-00	9-4	378-0289-00	9-7
119-0830-00	9-2	369-0031-01	9-4	378-0316-00	9-7
119-0830-01	9-2	369-0035-00	9-4	378-0761-00	9-9
119-0830-02	9-2	369-0036-00	9-4	378-0780-00	9-7
119-0830-06	9-2	369-0036-01	9-4	378-0806-00	9-7
119-0830-07	9-2	369-0037-01	9-4	378-0807-01	9-9
119-0830-08	9-2	369-0040-00	9-4	378-0822-00	9-7
119-0830-10	9-2	369-0041-00	9-4	378-0865-00	9-7
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119-0918-00	9-3	369-0043-00	9-4	378-2017-00	9-5
119-1024-00	9-2	369-0043-01	9-4	378-2049-00	9-8
119-1188-00	9-2	378-0015-00	9-5		
119-1364-00	9-3	378-0022-00	9-5		
119-1438-00	9-2	378-0023-00	9-5		
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119-1635-00	9-2	378-0028-00	9-5		
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119-1668-00	9-2	378-0030-00	9-5		
119-1679-00	9-3	378-0031-00	9-5		
119-1719-01	9-3	378-0034-02	9-5		
119-1725-01	9-3	378-0034-03	9-5		
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119-1790-00	9-2	378-0036-00	9-5		
119-1790-01	9-2	378-0036-01	9-5		
119-1801-01	9-2	378-0037-00	9-5		
119-1848-00	9-2	378-0037-01	9-5		
119-1852-00	9-2	378-0038-00	9-5		
119-1852-01	9-2	378-0040-00	9-5		
119-1991-00	9-2	378-0040-01	9-5		
119-2011-00	9-2	378-0041-00	9-5		
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## SECTION 10

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In the Electro-Mechanical Section of the Supplement Catalog 7 you will find the following information:

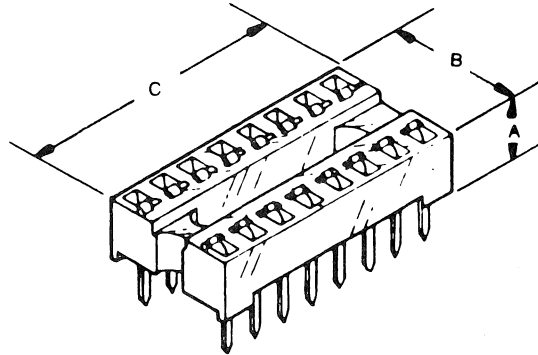
- Socket - Application Notes
  - Use DIP Sockets for IC's
  - Spring Sockets Don't Work in Some Applications

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

# SOCKETS

## DUAL IN-LINE PACKAGE

WARNING: Multiple insertions or insertion of oversize pin will adversely effect these parts.



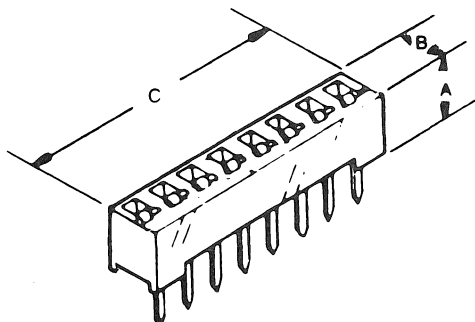
Number of Contacts	Dimensions (Max)			Other	Part Number	Codes <sup>a</sup>	
	A	B	C			Cost	ST
8	.175	.400	.400	Flow Solder Tails, Low Profile	136-0727-00	.077	CR
14	.175	.400	.700	Flow Solder Tails	136-0728-00	.110	CR
14	.300	.400	.750	Vertical Mount	136-0562-00	1.960	OT
14	.385	.495	.745	Programmed Microcircuit	136-0860-00	7.500	CR
16	.130	.400	.800	Flow Solder Tails, w/Mounting Holes, Low Profile	136-0682-00	1.850	CR
16	.175	.400	.800	Flow Solder Tails, Low Profile	136-0729-00	.130	CR
16	.260 Nom	.424 Nom	.870 Nom	Flow Solder Tails	136-0260-01	1.228	CR
16	.280	.560	1.375	W/Mounting Tabs & Holes	136-0854-00	7.870	CR
18	.175	.400	.900	Flow Solder Tails, Low Profile	136-0756-00	.136	CR
18	.303	.399	.900	Closed Frame	136-0945-00	1.510	PP
20	.480			Very Low Insertion w/Lever	136-0931-00	7.990	EN
20	.175	.400	1.000	Flow Solder Tails, Low Profile	136-0752-00	.152	CR
22	.175	.500	1.100	Flow Solder Tails, Low Profile	136-0754-00	.163	CR
24	.175	.500	1.200	Flow Solder Tails, Low Profile	136-0795-00	1.040	CR
24	.175	.700	1.200	Flow Solder Tails, Low Profile	136-0751-00	.182	CR
24	.180	.400	1.200		136-0926-00	2.175	CR
24	.196	.400	1.200	Slim	136-0925-00	.225	PP
24	.210	.394	1.195		136-0657-00	.390	CR
24	.260 Nom	.724 Nom	1.210	Flow Solder Tails	136-0432-00	.993	CR
28	.030	.700	1.400	Low Profile	136-0927-00	2.300	EN
28	.175	.700	1.400	Flow Solder Tails, Low Profile	136-0755-00	.212	CR
28	.300	.800	1.700 Nom	Flow Solder Tails, Zero Insertion Force	136-0841-00		DL
32	.175	.694	1.595	Low Profile	136-0963-00	.616	CR
36	.735	.195	1.920		136-0956-00	3.186	CR
40	.170	.699	1.600	Open Frame	136-0916-00	2.750	PP
40	.170	.699	1.600	Closed Bottom, Very Low Insertion	136-0920-00	2.870	PP
40	.175	.700	2.000	Flow Solder Tails, Low Profile	136-0757-00	.304	CR
40	.255	.780	2.080	Flow Solder Tails	136-0564-00	3.300	CS
40	.290	.800	2.300	ZIP Socket w/Screwdriver	136-0829-00	4.070	CR
40	.290	.800	2.300	ZIP Socket w/Screwdriver	136-0829-01	5.200	PP
40	.470	.900	2.590	Zero Insertion Force w/Lever	136-0976-00	21.120	PP
48	.165	.700	2.400	Low Profile, Open Frame w/Solder Tails	136-0850-00	1.500	CR
50	.195	1.000	2.690	Flow Solder Tails, w/Latching Slot	136-0836-00	3.200	CS
64	.165	.999	3.200	Open Frame	136-0910-00	8.990	PP
64	.170	1.000	3.200	Low Insertion Force	136-0909-00	3.740	PP
64	.180	1.000	3.200	Low Insertion Force	136-0868-00	4.850	EN
64	.214	.805	1.700	Flow Solder Tails	136-0826-00	9.270	CR
64	.290	1.100	3.540	ZIP Socket w/Screwdriver	136-0863-00	8.980	PP

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## SOCKETS

### SINGLE IN-LINE PACKAGE

WARNING: Multiple insertions or insertion of oversize pin will adversely effect these parts.



Number of Contacts	Dimensions (Max)			Other	Part Number	Codes <sup>a</sup>	
	A	B	C			Cost	ST
6	.198	.100	.640		136-0527-00	.600	CR
7	.100	.100	.710		136-0822-01		EN
7	.157	.106	.696	Flow Solder Tails, Low Profile	136-0833-00		DL
12	.157	.106	1.196	Flow Solder Tails	136-0691-00	.750	CR
12	.175	.154	1.195	Low Profile	136-0948-00	.246	EN
17	.160	.135	1.724		136-0775-00	.356	CR
18	.175	.154	1.795	Low Profile	136-0949-00	.369	CR
20	.100	.100	2.000	Flow Solder Tails	136-0822-00	.800	OT
20	.157	.106	1.996	Flow Solder Tails	131-2093-00	.890	CR
24	.200	.175	2.400	Flow Solder Tails	136-0832-00	.450	CS

### QUAD IN-LINE PACKAGE

Number of Contacts	Dimensions (Max)			Other	Part Number	Codes <sup>a</sup>	
	A	B	C			Cost	ST
64		1.150	1.969	Flow Solder Tails	136-0532-00	23.860	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN**  
**SOCKETS**  
**DUAL IN-LINE PACKAGE**

Number of Contacts	Dimensions (Max)			Other	Part Number	Codes <sup>a</sup>	
	A	B	C			Cost	ST
8	.175	.400	.400	Flow Solder Tails, Low Profile	136-0514-00	.077	CR
14	.175	.400	.700	Flow Solder Tails, Low Profile	136-0269-02	.110	CR
14	.195	.530	.930	Flow Solder Tails	136-0684-00	3.680	CS
16	.175	.400	.800	Flow Solder Tails, Low Profile	136-0260-02	.130	CR
18	.175	.400	.900	Flow Solder Tails, Low Profile	136-0670-00	.136	CS
18	.250	.490	.934	Flow Solder Tails	136-0598-00	1.060	CS
20	.175	.400	1.000	Flow Solder Tails, Low Profile	136-0634-00	.152	CR
22	.175	.500	1.100	Flow Solder Tails, Low Profile	136-0621-00	.167	CR
24	.175	.700	1.200	Flow Solder Tails, Low Profile	136-0578-00	.182	CR
24	.185	.750	1.205	Low Profile, Screw Machine Contacts	136-0788-00	2.840	CS
24	.255	.780	1.280	Flow Solder Tails	136-0594-00	1.130	CS
24	.340	.740	1.530	Flow Solder Tails	136-0655-00		DL
28	.175	.700	1.400	Flow Solder Tails, Low Profile	136-0694-00	.175	CR
28	.255	.780	1.480	Flow Solder Tails	136-0597-00	1.250	CR
40	.175	.700	2.000	Flow Solder Tails, Low Profile	136-0623-00	.304	CR
40	.185	.750	2.005	Low Profile, Screw Machine Contacts	136-0789-00		DL

**SINGLE IN-LINE PACKAGE**

Number of Contacts	Dimensions (Max)			Other	Part Number	Codes <sup>a</sup>	
	A	B	C			Cost	ST
20	.280	.188	2.090	Flow Solder Tails	136-0712-00		DL

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

# SOCKETS (cont)

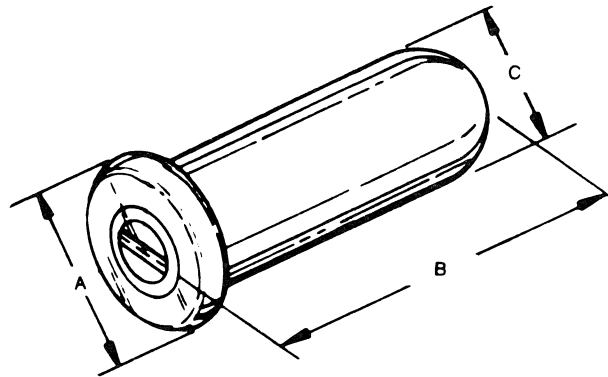
## MISCELLANEOUS I.C.

Part Number	Description	Codes <sup>a</sup>	
		Cost	ST
136-0831-00	Pin Grid Array, 68 Contact	8.000	CR
136-0827-00	Pin Grid Array, 68 Contact on 10 x 10 Matrix, Current Rating 1 Amp Maximum per Contact	7.500	CR
136-0849-00	Pin Grid Array, 68 Contact on 10 x 10 Matrix, Current Rating 1 Amp Maximum per Contact	3.180	CR
136-0837-00	Pin Grid Array, 68 Contact on 11 x 11 Matrix, Current Rating 3 Amps Maximum per Contact		OB
136-0921-00	Pin Grid Array, Very Low Insertion, 68 Pins on 11 x 11 Matrix	5.220	PP
136-0922-00	Pin Grid Array, Very Low Insertion, 68 Pins on 11 x 11 Matrix	5.220	PP
136-0923-00	Pin Grid Array, Very Low Insertion, 68 Pins on 10 x 10 Matrix	6.840	PP
136-0924-00	Pin Grid Array, Very Low Insertion, 68 Pins on 10 x 10 Matrix	7.690	PP
136-0937-00	Pin Grid Array, Low Insertion, 68 Pins on 10 x 10 Matrix	6.120	CR
136-0944-00	Pin Grid Array, Very Low Insertion, 68 Pins on 11 x 11 Matrix	3.250	EN
136-0908-00	Pin Grid Array, Low Insertion Force, 69 Pins on 11 x 11 Matrix	3.720	EN
136-0869-00	Pin Grid Array, 73 Contact on 11 x 11 Matrix, Current Rating 3 Amps Maximum Per Contact	4.400	CR
136-0907-00	Pin Grid Array, 85 Pins on 11 x 11 Matrix	2.410	EN
136-0938-00	Pin Grid Array, Low Insertion Force, 85 Pins on 11 x 11 Matrix	7.650	PP
136-0995-00	Pin Grid Array, Very Low Insertion Force, on 13 x 13 Matrix		EN
136-0996-00	Pin Grid Array, Very Low Insertion Force, on 13 x 13 Matrix		EN
136-0958-00	Pin Grid Array, 85 Pins on 13 x 13 Matrix		EN
136-0913-00	100 Contacts Plastic Chip Carrier (JEDEC)	4.440	PP
136-0905-00	Pin Grid Array, Low Insertion Force, 101 Pins on 13 x 13 Matrix	2.800	EN
136-0864-00	Pin Grid Array, 114 Machined Contacts	9.760	CR
136-0876-00	Pin Grid Array, Zero Insertion Force, 114 Pins on 13 x 13 Grid	18.060	CR
136-0878-00	Pin Grid Array, Low Insertion Force, 114 Pins on 13 x 13 Matrix	6.660	CR
136-0942-00	Pin Grid Array, VeryLow Insertion Force, 114 Pins on 13 x 13 Matrix		EN
136-0943-00	Pin Grid Array, Very Low Insertion Force, 114 Pins on 13 x 13 Matrix		EN
136-0904-00	Pin Grid Array, Low Insertion Force, 121 Pins on 13 x 13 Matrix	3.620	EN
136-0999-00	Pin Grid Array, Low Insertion Force, 133 Pins on 13 x 13 Matrix		PP
136-0940-00	Pin Grid Array, Very Low Insertion Force, 132 Pins on 14 x 14 Matrix	10.560	PP
136-0941-00	Pin Grid Array, Very Low Insertion Force, 132 Pins on 14 x 14 Matrix	9.850	PP
136-0881-00	Pin Grid Array, Low Insertion Force, 133 Pins on 14 x 14 Matrix	5.320	PP
136-0911-00	Pin Grid Array, Low Insertion Force, 133 Pins on 14 x 14 Matrix	6.650	PP
136-0903-00	Pin Grid Array, Low Insertion Force, 133 Pins on 14 x 14 Matrix	7.400	CR
136-0906-00	Pin Grid Array, Low Insertion Force, 145 Pins on 15 x 15 Matrix	4.340	EN
136-0906-01	Pin Grid Array, Low Insertion Force, 145 Pins on 15 x 15 Matrix	4.340	PP
136-0899-00	Pin Grid Array, Low Insertion Force, 149 Pins on 15 x 15 Matrix	9.090	PP
136-0974-00	Pin Grid Array, Zero Insertion Force, 168 Pins on 15 x 15 Matrix w/Locking Lever	58.980	PP
136-0970-00	Pin Grid Array, Zero Insertion Force, 181 Pins on 18 x 17 Matrix		EN
136-0975-00	Pin Grid Array, Zero Insertion Force, 216 Pins on 21 x 21 Matrix w/Locking Lever	75.500	PP
136-0763-00	26 Contacts Hybrid Circuit to Printed Circuit Board, Impedance Matched. Shall Meet Terminal Solderability Requirements of EIA Standard RS-186-90, Test Condition 1.	2.480	CR
136-0814-00	26 Contacts Hybrid Circuit to Printed Circuit Board, Impedance Matched. Shall Meet Terminal Solderability Requirements of EIA Standard RS-186-9E, Test Condition 9.		EN
136-0764-00	48 Contacts Hybrid Circuit to Printed Circuit Board, Impedance Matched.	2.760	CR
136-0932-00	44 Pin Chip Carrier on .050 Inch Centers	35.200	CR
136-0959-00	52 Pin Leaded Chip Carrier	2.033	PP
136-5001-00	52 Pin Leaded Chip Carrier (JEDEC) Type A	5.010	CR
136-0840-00	68 Position Chip Carrier Accepts .950 x .950 x .400 Inch Nominal Chip Carrier Package with Pads on .050 Inch Centers		NP
136-0846-00	68 Position Chip Carrier with Solder Tails	4.490	CR
136-0848-00	68 Position Chip Carrier for (JEDEC) Types A, B & D	3.790	CR
136-0840-01	68 Position Chip Carrier Accepts .950 x .950 x .400 Inch Nominal Chip Carrier Package with Pads on .050 Inch Centers	17.680	CR
136-0813-00	68 Position Chip Carrier with .100 Inch Long Solder Tails	5.000	CR
136-0813-01	68 Position Chip Carrier with .155 Inch Long Solder Tails	7.630	CR
136-0875-00	68 Pin Leaded Plastic Chip Carrier for (EIA/JEDEC) Type C w/J-Bend Leads	4.420	PP
136-0870-00	68 Pin Leaded Chip Carrier on 11 x 11 Matrix on .050 to .100 Center, Current Rating 3 Amps Maximum Per Contact	4.620	CR
136-0871-00	68 Pin Quad, Leaded Plastic Chip Carrier for (JEDEC) Type A	4.420	CR
136-0823-00	84 Pin Leadless Chip Carrier with Hold Down Cover for (JEDEC) Type A & B Leadless Chip Carriers		DL
136-0966-00	84 Pin Leaded Chip Carrier	3.310	PP
136-0825-00	100 Position Chip Carrier with .138 Inch Long Solder Tails	68.750	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## SOCKETS (cont)

### SMALL SINGLE PIN SOCKET



Pin Diameter Accommodated	Dimensions			Finish		Comments	Part Number	Codes <sup>a</sup>	
	A (Max)	B (Max)	C	Eyelet	Spring			Cost	ST
.013 - .020	.059	.186	.038 - .040	Tin	Tin		136-0252-01	.072	CR
.016 - .019	.059	.186	.038 - .040	Tin	Gold		136-0252-06	.106	CR
.016 - .022	.067	.186	.033 - .043	Tin	Gold	w/o Dimple	136-0252-07 <sup>b</sup>	.042	CR
.017 - .019	.057	.146	.037 - .039	Tin	Tin		136-0252-00	.070	CR
.018 - .025	.067	.178	.049 - .051	Tin	Tin		136-0352-00	.069	CR
.018 - .025	.070	.268	.048 - .052	Tin	Tin	Closed Bottom	136-0768-00	.119	CR
.018 - .025	.070	.268	.048 - .051	Tin	Tin	Open Bottom	136-0613-00	.077	CR
.018 - .040	.120	.270	.088	Gold	Gold		136-0234-00	.461	CR
.022 - .025	.070	.050	.138	Tin	Gold		136-0893-00	.151	PP
.022 - .025	.077	.146	.059 - .061	Tin	Tin		136-0261-00	.070	CR
.026 - .029	.080	.146	.059 - .063	Tin	Tin	Closed Bottom	136-0619-00	.138	CR
.026 - .033	.077	.265	.059 - .063	Tin	Tin	Open Bottom	136-0338-01	.129	CR
.028 - .033	.077	.265	.059 - .061	Tin	Tin		136-0338-00	.062	CR
.030	.080	.138	.059 - .063	Gold	Gold		136-0333-00	.092	CR
.034 - .041	.089	.268	.068 - .070	Tin	Tin	Closed Bottom	136-0254-00	.076	CR
.034 - .041	.089	.268	.068 - .070	Tin	Tin	Open Bottom	136-0254-01	.072	CR
.040	.094	.208	.071 - .075	Gold	Gold		136-0388-00	.120	CR
.048	.125	.275	.086 - .089	Tin	Tin		136-0674-00	.163	CR
.050 - .057	.118	.296	.098 - .102	Tin	Tin		136-0889-00	.143	CR
.056 - .065	.118	.298	.099 - .101	Gold	Gold	Closed Bottom	136-0787-00	.164	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Machine insertable.



## SOCKETS (cont) TO-CAN SOCKETS

Part Number	Other	Dimensions		Codes <sup>a</sup>		Part Number	Other	Dimensions			Codes <sup>a</sup>	
		A	B	Cost	ST			A	B	C	Cost	ST
136-0181-00	3 Contact, TO-5	.378	.200	.950	CR	136-0241-00	10 Contact	.406	.296	.160	1.343	CR
136-0235-00	6 Contact, TO-5	.398	.184	.676	CR							
136-0235-01	6 Contact, TO-5	.398	.184	.935	CR							
136-0237-00	8 Contact, TO-5	.398	.184	.690	CR							
354-0234-00	Delrin Mounting Ring			.002	CR							
Part Number	Other	Codes <sup>a</sup>		Part Number	Other	Dimensions				Codes <sup>a</sup>		
		Cost	ST			A	B	C	D	Cost	ST	
136-0350-00	3 Contact, TO-5, Low Profile			136-0330-01	3 Contact, TO-5	.140	.210	.375	.200	1.350	CR	
136-0365-00	3 Contact			136-0331-01	3 Contact, TO-18	.140	.210	.281	.100	1.230	CR	
136-0366-00	6 Contact, Dual, TO-18,			136-0323-00	4 Contact, TO-5	.109	.195	.256		.990	CR	
				136-0434-01	4 Contact, TO-5	.140	.210	.375	.200	1.400	CR	
				136-0257-01	4 Contact, TO-18	.140	.210	.281	.100	1.180	CR	
				136-0332-01	6 Contact, TO-5	.140	.210	.375	.200	2.000	CR	
				136-0329-01	6 Contact	.145	.205	.312	.170	2.050	CR	
				136-0339-00	6 Contact, Dual, TO-5	.250	.700	.620	.200	11.320	CR	
Part Number	Other	Dim A	Codes <sup>a</sup>		Part Number	Other	Dimensions				Codes <sup>a</sup>	
			Cost	ST			A	B	C	D	Cost	ST
136-0220-00	3 Contact, TO-18, Ckt Board Mount	.125			136-0330-01	3 Contact, TO-5	.140	.210	.375	.200	1.350	CR
136-0219-00	4 Contact, TO-18, Ckt Board Mount	.160	.246	CR	136-0331-01	3 Contact, TO-18	.140	.210	.281	.100	1.230	CR
			.410	CR	136-0323-00	4 Contact, TO-5	.109	.195	.256		.990	CR
					136-0434-01	4 Contact, TO-5	.140	.210	.375	.200	1.400	CR
					136-0257-01	4 Contact, TO-18	.140	.210	.281	.100	1.180	CR

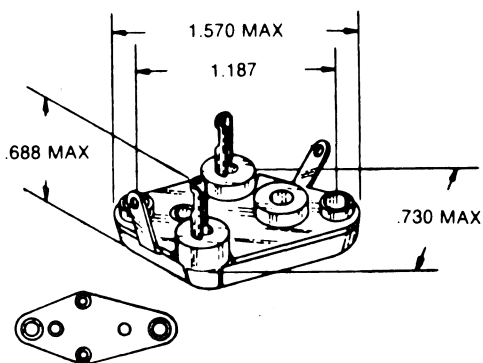
## TO-220 SOCKETS

	<p>204-0678-00 COST:<sup>a</sup> .048 ST:<sup>a</sup> CR                  HOUSING UL94-V-2, Nylon, Tin Pl Brass                  Uses Crimp Type Terminal 131-1815-00                  3 Female Contact</p> <p>WARNING: This part is not recommended for applications where more than 3 A will be used.</p>		<p>136-0760-00 COST:<sup>a</sup> .390 ST:<sup>a</sup> CR                  PC MOUNT SOCKET                  .100 Contact Centers                  3 Contact</p>
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<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

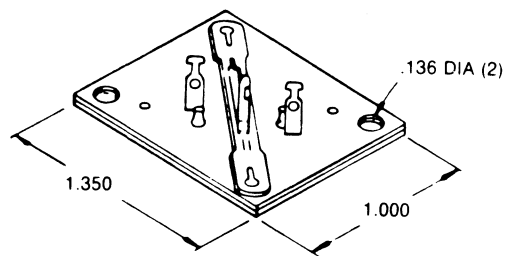
## SOCKETS (cont)

### TRANSISTOR TO-3 AND TO-66

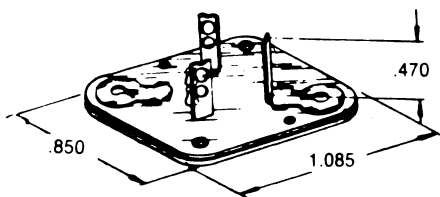


136-0135-01 COST:<sup>a</sup>.940 ST:<sup>a</sup> CR 136-0135-02 COST:<sup>a</sup>.770 ST:<sup>a</sup> CS  
(With Mica Washer) (Without Mica Washer)

2 Contact, TO-3  
Rated Working Voltage 600 V  
Current Rating 5 A Continuous



136-0280-00 COST:<sup>a</sup> 1.800 ST:<sup>a</sup> CR  
3 Contact, TO-3, Screw Mount

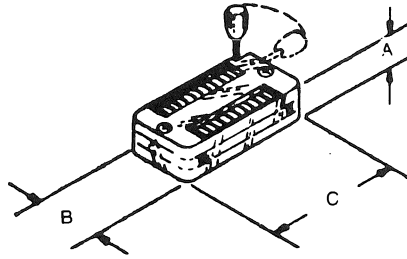


136-0270-00 COST:<sup>a</sup>.685 ST:<sup>a</sup> CR  
2 Contact, TO-66

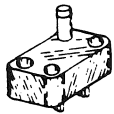
<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

## SOCKETS (cont) SEMICONDUCTOR TEST SOCKETS

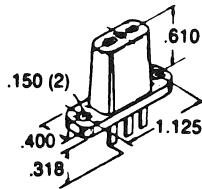
For test purposes,  
no insertion force  
dual in-line package  
(DIP) with locking lever.



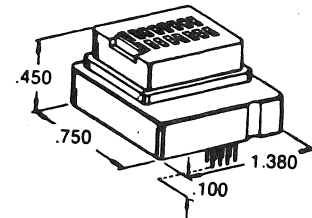
Number of Contacts	Dimensions (Max)			Other	Part Number	Codes <sup>a</sup>	
	A	B	C			Cost	ST
16	.480	.607	1.400	Locking Bar Instead of Lever	136-0530-00	6.950	CR
18	.480	.603	1.500		136-0531-00	7.560	CR
24	.427	.780	2.000		136-0792-00	6.380	OT
24	.480	.912	1.800		136-0536-01	11.450	CR
28	.480	.905	1.990		136-0791-00	14.420	CR
32	.400	.410	3.970		136-0695-00	25.080	CR
40	.450	.898	2.600		136-0537-01	14.850	CS
48	.480	.905	3.155		136-0776-00	17.710	CS
64	.320	1.350	1.760		136-0824-00	27.550	CR
64	.480	1.300	3.950		136-0769-00	27.230	CR



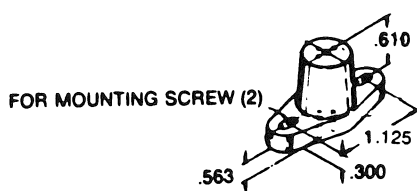
131-1373-02 Cost:<sup>a</sup> 7.460 ST:<sup>a</sup> CR  
16 Contact Universal Mating Socket  
.400 Pin Length



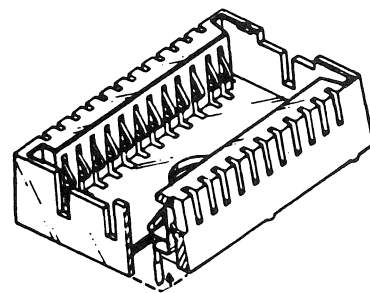
136-0677-00 Cost:<sup>a</sup> 5.180 ST:<sup>a</sup> CR  
3 Contact  
.318 Pin Length



136-0442-00 Cost:<sup>a</sup> 22.220 ST:<sup>a</sup> CR  
I.C. SOCKET  
16 Contact Dual In Line Package Test



FOR MOUNTING SCREW (2)  
136-0817-00 Cost:<sup>a</sup> 8.180 ST:<sup>a</sup> CR  
TRANSISTOR SOCKET  
3 Contact

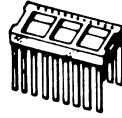


Part Number	Other	Codes <sup>a</sup>	
		Cost	ST
131-2745-00	24 Contact	1.171	CR
136-0797-01	28 Contact	.795	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

## SOCKETS (cont)

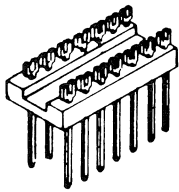
### WIRE WRAP SOCKETS AND COMPONENT CARRIERS



Number of Contacts	Body Height (Max)	Body Width (Max)	Body Length (Max)	Other	Part Number	Codes <sup>a</sup>	
						Cost	ST
8	.280	.157	.365		136-0748-00		DL
14	.157	.106	1.396	Single In-Line	131-2445-00	.550	CR
14	.280	.400	.765		136-0494-00	.981	CR
14	.285	.400	.775		136-0583-00	.420	CR
16	.280	.400	.865		136-0495-00		OB
20	.285	.400	.975		136-0675-00		DL
20	.315	.200	2.070	Single In-Line	136-0773-00	7.910	CR
22	.255	.540	1.095		136-0701-00		DL
28	.280	.700	1.490	Low Profile	136-0749-00		DL
40	.325	.700	2.055		136-0622-00	2.450	CS

### DISCRETE COMPONENT CARRIERS (WIRE WRAP APPLICATION)

FOR COMPONENTS WITH AXIAL LEADS



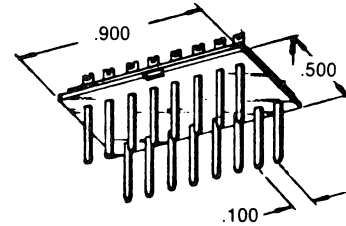
136-0722-01 ST:<sup>a</sup> DL  
8-Pin Slotted Terminal  
(4 Axial-Lead Components)

136-0721-01 ST:<sup>a</sup> DL  
14-Pin Slotted Terminal  
(7 Axial-Lead Components)

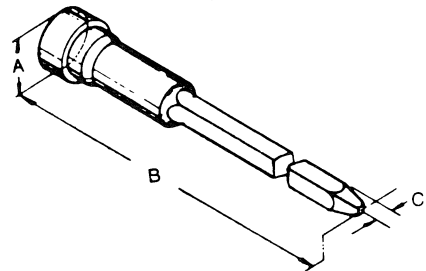
131-2421-00 ST:<sup>a</sup> DL  
Single Slotted Terminal



136-0725-00 ST:<sup>a</sup> DL  
4-Pin Transistor Socket



136-0503-00 COST:<sup>a</sup> .870 ST:<sup>a</sup> CR  
COMPONENT CARRIER, 16-Pin



SOCKET, PIN TERMINAL

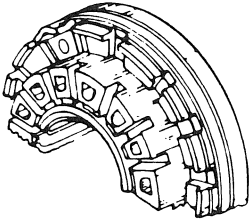
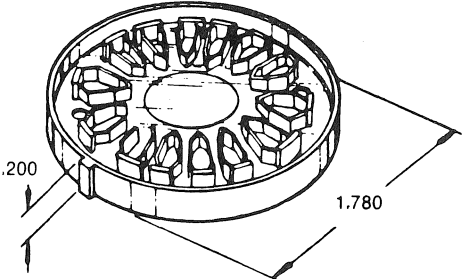
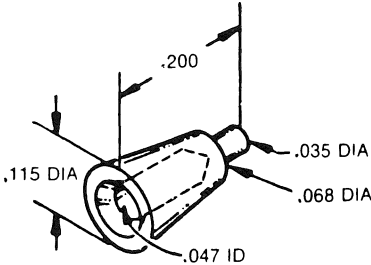
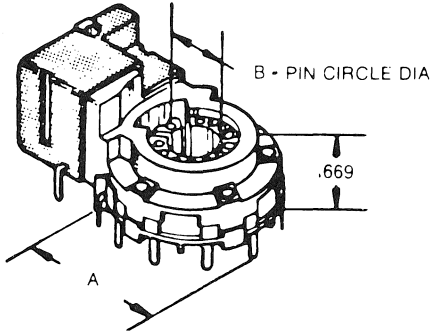
Dimensions			Part Number	Codes <sup>a</sup>	
A	B	C		Cost	ST
.072	.345	.020	136-0779-00	.124	CR
.097	.486	.040	136-0781-00	.394	CR

Individual sockets will accept round or rectangular cross-section pins which are staked or soldered onto a circuit board. Tails are available in either wire wrap or solder variety. Exact configurations are available by referring to the specification.

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

## SOCKETS (cont)

### CRT SOCKETS

 <p>CRT SOCKET</p>		 <p>200-0616-00 ST:<sup>a</sup> CR CRT SOCKET COVER</p>			
Part Number	Description	Codes <sup>a</sup>			
		Cost	ST		
136-0117-00	w/14 Contacts	3.022	CR		
136-0202-08	w/14 Contacts	5.305	CS		
136-0778-00	w/20 Contacts	8.605	CR		
 <p>136-0470-00 COST:<sup>a</sup> .240 ST:<sup>a</sup> CR CRT FEEDTHRU SOCKET</p>		 <p>CRT SOCKET PCB Mountable with Spark Gaps</p>			
Dimensions		Description	Part Number	Codes <sup>a</sup>	
A	B			Cost	ST
1.398	.600	10 Contacts, JEDEC B10-277	136-0782-00	2.890	CR
1.398	.600	12 Contacts	136-0815-00	3.000	CR
1.575	.541	13 Contacts, JEDEC B12-246	136-0802-00	2.500	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

## SOCKETS (cont) CRT SOCKETS (cont)

<p>CRT SOCKET</p>				<p>CRT SOCKET CLAMP</p>					
Part Number	Other	Codes <sup>a</sup>		Part Number	Dimensions			Codes <sup>a</sup>	
		Cost	ST		A	B	C	Cost	ST
136-0266-01	12 Contacts	2.000	CR	343-0235-00	2.250	.790	.300	.676	CR
				343-0254-00	2.250	.735	.300	.076	CR

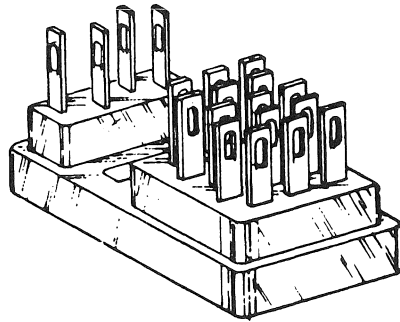
<p>CRT SOCKET PULL</p>		<p>FIGURE 1</p>		<p>FIGURE 2</p>		<p>FIGURE 3</p>	
Part Number	Other	Figure	Codes <sup>a</sup>				
			Cost	ST			
367-0117-00	COST: <sup>a</sup> .213 ST: <sup>a</sup> CR	1	.520	CS			
	136-0262-01	2	.660	CR			
	131-2525-00	3	.282	CR			
	136-0794-00						

<p>FOR CRT NECKPINS</p>						
Pin Diameter	Wire Size	Insulation Diameter	Part Number	Codes <sup>a</sup>		Material
				Cost	ST	
.040	24-20 AWG	.050 - .070	131-1963-00	.048	CR	Tin Pl Beryllium Copper (Reel Form)
.040	24-20 AWG		131-1109-00	.037	CR	Tin Pl Phosphor Bronze
.040	26-20 AWG		131-1109-01	.053	CR	Tin Pl Phosphor Bronze
.040	26-20 AWG		131-1109-02	.022	CR	Gold Pl Phosphor Bronze

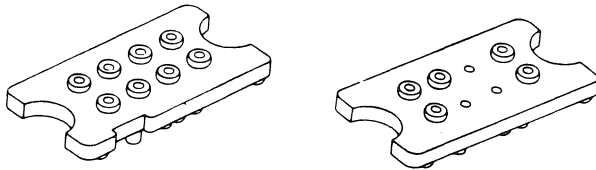
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

## SOCKETS (cont) MISCELLANEOUS



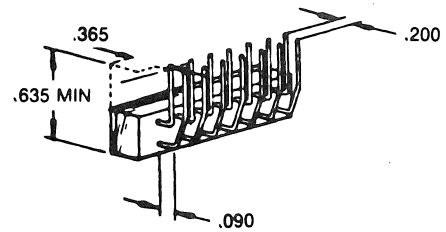
RELAY SOCKETS

Description	Part Number	Codes <sup>a</sup>	
		Cost	ST
2 Pole Socket - Circuit Board Mount, 10 Contact	136-0394-00	1.410	CR
2 Pole Socket - Chassis Mount, 10 Contact	136-0193-00	1.180	CR
4 Pole Socket - Circuit Board Mount, 16 Contact	136-0393-00	1.440	CR
4 Pole Socket - Chassis Mount, 16 Contact	136-0215-00	1.700	CR
8 Pole Socket - Circuit Board Mount, 28 Contact	136-0468-00	4.150	OT

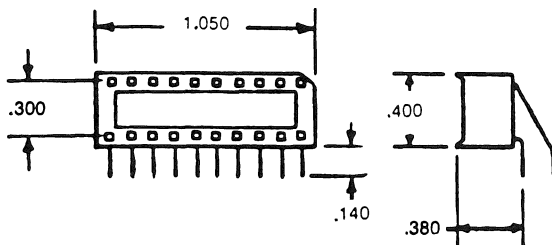


RELAY SOCKETS

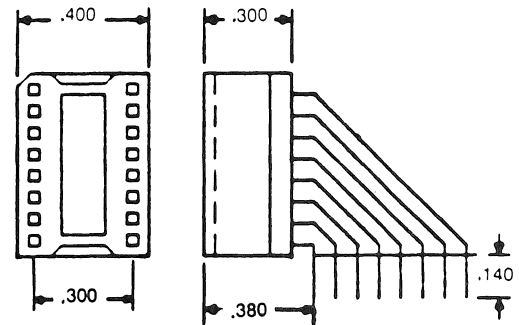
Part Number	Other	Codes <sup>a</sup>	
		Cost	ST
136-0337-00	8 Contact	.771	CR
136-0336-00	5 Contact	.527	CR



136-0583-01 COST:<sup>a</sup> .420 ST:<sup>a</sup> CR  
14 DIP  
LIGHT EMITTING DIODE SOCKET



136-0844-00 COST:<sup>a</sup> 2.180 ST:<sup>a</sup> CR  
20 DIP  
LIGHT EMITTING DIODE SOCKET



136-0915-00 COST:<sup>a</sup> 3.000 ST:<sup>a</sup> CR  
16 CONTACT

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

## NOT RECOMMENDED FOR NEW DESIGN SOCKETS

Part Number	Description	Codes <sup>a</sup>	
		Cost	ST
131-1373-01	Socket, Universal Mating, 16 Contact, Circuit Board Mount	13.560	CR
131-2422-00	Single Solder Pot Terminal, .728 Long x .255 Square		DL
131-2665-00	Socket, CRT Neckpin, .040 Dia, Female		DL
136-0062-00	Socket, CRT, 4 Contact, Circuit Board Mount		OB
136-0095-00	Socket, Transistor, 4 Contact, Chassis Mount	.072	CS
136-0182-00	Socket, Transistor, 4 Contact, TO-5		OB
136-0183-00	Socket, Transistor, 3 Contact, TO-5, Circuit Board Mount	.950	CR
136-0202-01	Socket, CRT, 14 Contact	1.159	CS
136-0217-00	Socket, Transistor, 4 Contact, Chassis Mount	.346	CS
136-0218-00	Socket, Transistor, 3 Contact, Chassis Mount	.363	CS
136-0237-02	Socket, Transistor, Circuit Board Mount, Low Profile With 8 Miniature Spring Sockets on .200 Diameter Circle		DL
136-0271-00	Socket, CRT, 7 Contact, Subminiature Without Saddle	.630	CS
136-0409-00	Socket, I.C. Test, 16 Contact Dual In-Line Package		OB
136-0422-00	Socket, I.C. Test, 12 Contact, TO-5, Circuit Board Mount		OB
136-0441-00	Socket, Transistor, 10 Contact, TO-5	25.350	CS
136-0444-00	Socket, Transistor, 8 Contact, TO-5	25.450	CS
136-0526-00	Socket, Transistor Test, 3 Contact		OB
136-0566-00	Socket, Display Device	2.610	CS
136-0637-00	Socket, I.C., 24 Contact		DL
136-0640-00	Socket, Transistor Test, 3 Contact	4.010	LR
136-0669-00	Socket, CRT, 5 Contact, Fits JEDEC Style E7-91 Tube Base		OB
136-0671-01	Socket, LED, 36 Contact, Low Profile	1.780	CS
136-0676-00	Socket, Pin Terminal For .016 - .022 Dia Pin	.303	CS
136-0681-00	Socket, Transistor, 3 Contact		NP
136-0686-00	Socket, I.C. Test, 18 Contact, Low Profile w/Bent Arm		OB
136-0687-00	Socket, I.C. Test, 22 Contact, Low Profile w/Bent Arm		OB
136-0688-00	Socket, I.C. Test, 16 Contact, Low Profile w/Bent Arm		OB
136-0703-01	Socket, CRT, 14 Contact With Wire Leads and Spark Gaps, Fits JEDEC B12-244, 245 Tube Base	35.380	CS
136-0707-00	Socket, I.C., 18 Contact, Low Profile		DL
136-0719-00	Socket, I.C., 8 Contact, Low Profile		DL
136-0720-00	Socket, I.C., 14 Contact, Low Profile		DL
136-0724-00	Socket, Transistor, 3 Contact, Wire Wrap	.900	CS
136-0759-00	Socket, CRT, 7 Contact With Leads	65.112	CS
136-0762-00	Socket, CRT, 8 Contact With Resistors and Wire Leads Attached, Fits JEDEC Style B7-208 Tube Base	2.650	CS
136-0770-00	Socket, Pin Terminal		DL
136-0774-00	Socket, CRT, 12 Contact With 12 Inch Wire Leads, Spark Gaps and Optional Resistors Attached, Fits JEDEC B12-246 Tube Base	3.049	CR
136-0784-00	Socket, I.C. Test, 48 Contact	15.740	CS
136-0785-00	Socket, I.C. Test, 40 Contact	9.080	CS
354-0285-00	Socket, Delrin Mounting Ring, TO-18, Snap-in	.077	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



## TERMINAL, PIN HYBRID CIRCUIT CLIPS FOR CERAMIC SUBSTRATES

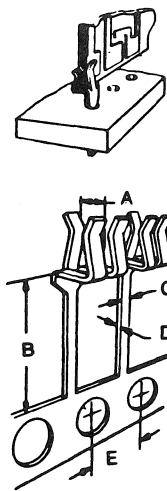


FIGURE 1

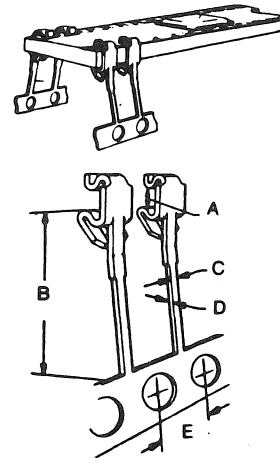


FIGURE 2

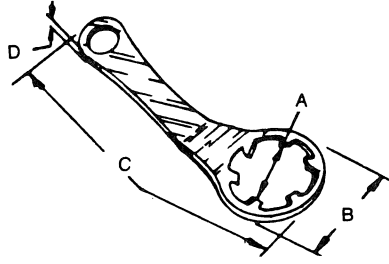
Type	Figure	Comments	Dimensions					Part Number	Codes <sup>a</sup>	
			A	B	C	D	E		Cost	ST
EDGE	1	.025 Thick Substrate	.020	.600	.020	.010	.100	131-2291-00	.023	CR
	1	.025 Thick Substrate	.018	.410	.020	.010	.100	131-2582-00	.005	CR
	1	.025 Thick Substrate, Selective Gold Plated	.020	.410	.020	.010	.100	131-2582-02	.019	CR
	1	.025 - .030 Thick Substrate	.020	.150	.025 Max	.010	.100	131-1347-00	.006	CR
	1	.035 - .040 Thick Substrate	.020	.210 Max	.025 Max	.010	.100	131-2031-00	.011	CR
	1	.035 - .040 Thick Substrate	.035		.025 Max	.010	.050	131-3592-00		PP
	1	.040 Thick Substrate	.034	.410	.020	.010	.100	131-2283-00	.006	CR
	1	.060 Thick Substrate	.054	.180	.020	.010	.100	131-2162-00		PP
DIP	2	.025 Thick Substrate w/Solder Preform	.022	.295	.020	.010	.100	131-2721-00	.017	CR
	2	.025 Thick Substrate	.019	.345	.020	.010	.100	131-2549-00	.011	CR
	2	.025 - .030 Thick Substrate	.022	.265	.020	.010	.100	131-1714-00	.010	CR
	2	.033 - .038 Thick Substrate	.030	.265	.020	.010	.100	131-2030-00	.011	CR
	2	.040 Thick Substrate	.033	.330	.020	.010	.100	131-2583-00	.006	CR
	2	.040 Thick Substrate	.036	.315 Max	.025 Max	.010	.100	131-2687-00	.012	CR
	2	.040 Thick Substrate w/Solder Preform	.040	.300	.020	.010	.100	131-2883-00	.021	CR
	2	.045 Thick Substrate	.038	.252	.019	.008	.100	131-2688-00	.007	CR
2	.062 Thick Substrate	.056	.220	.020	.010	.100	131-1348-00	.021	CR	

## NOT RECOMMENDED FOR NEW DESIGN

Type	Figure	Comments	Dimensions					Part Number	Codes <sup>a</sup>	
			A	B	C	D	E		Cost	ST
EDGE	1	.025 Thick Substrate w/Solder Preform	.022	.295	.020	.010	.100	131-2722-00		DL
DIP	2	.025 Thick Substrate	.025	.340		.010	.100	131-2781-00		DL

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## TERMINAL, LUG (SOLDER)



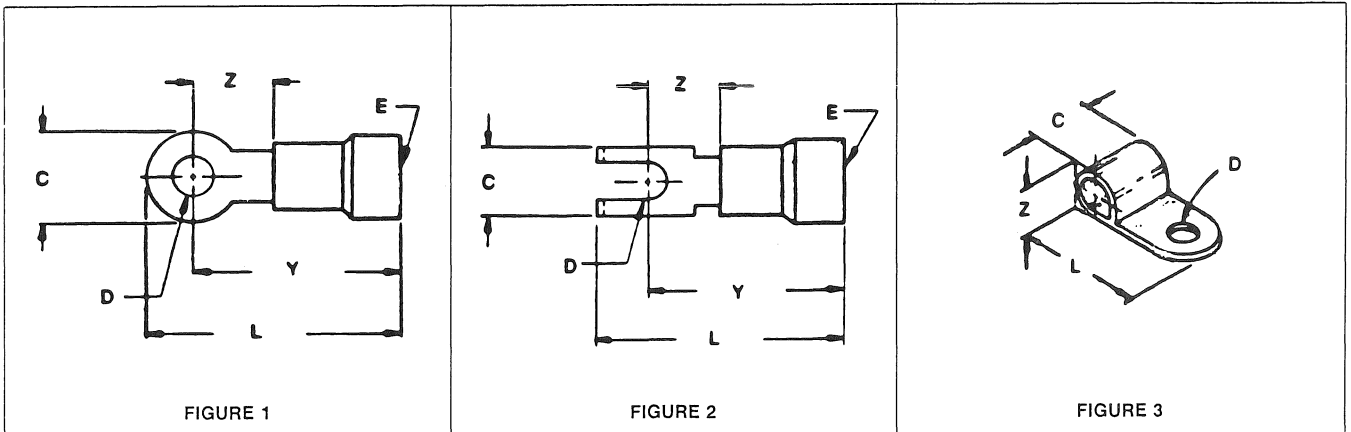
Dimensions				Material	Finish	Part Number	Codes <sup>a</sup>		Other Information
A	B	C	D				Cost	ST	
.099	.190	.338	.010	Brass	Cadmium Plated	210-0259-00	.050	CR	60° Bend, Internal Lock
.120	.305 Max	.625	.018	Brass	Tin Plated	210-0201-00	.024	CR	45° Bend, Internal Lock
.125	.250	1.125	.006	Cu-Beryllium	CuSnZn Plated	210-0288-00	.069	CR	.125 x .250 Slot One End, .125 ID Eye Other End
.141	.270	.563	.020	Brass	Cadmium Plated	210-0261-00	.249	CR	30° Bend, High Voltage
.141	.310	.625	.022	Copper	Tin Plated	210-0227-00	.036	CR	No Bend, Internal Lock
.146	.312	.719	.020	Brass	Tin Plated	210-0202-00	.033	CR	45° Bend, Internal Lock
.146	.313	.813	.018	Bronze	Tin Plated	210-0203-00	.090	CR	30° Bend, Internal Lock
.146	.313	.875	.020	Brass	Tin Plated	210-0204-00	.056	CR	Double End, 45° Bend, Internal Lock
.172	.312	.719	.020	Brass	Tin Plated	210-0205-00	.045	CR	45° Bend, Internal Lock
.172	.312	.812	.018	Bronze	Tin Plated	210-0228-00	.113	CR	30° Bend, Internal Lock
.196	.310	.781	.033	Brass	Tin Plated	210-0273-00	.042	CR	Double End, .196 ID Eye Each End, No Lock
.200	.344	.922	.020	Brass	Tin Plated	210-0206-00	.039	CR	30° Bend, Internal Lock
.200	.344	.891	.020	Brass	Tin Plated	210-0224-00	.045	CR	No Lock
.255	.812	1.250	.020	Brass	Tin Plated	210-0333-00	.065	CS	No Lock
.257	.375	.812	.020	Brass	Tin Plated	210-0269-00	.050	CR	No Lock
.261	.437	.625	.020	Brass	Tin Plated	210-0223-00	.047	CR	60° Bend, Internal Lock
.261	.437	.750	.020	Brass	Tin Plated	210-0223-01	.070	CR	60° Bend, Internal Lock
.265	.690	1.280	.020	Brass	Tin Plated	210-0348-00	.107	CR	No Lock
.328	.438	.828	.025	Brass	CuSnZn Plated	210-0217-00	.510	CR	No Lock
.365	.515	.502	.025	Steel or Brass	Cd Pl or Tin Pl	210-0302-00	.150	CR	.120 x .057 Slot One End, .365 ID Eye Other End
.375	.625	.662	.024	Steel	Cadmium Plated	210-0331-00	.903	CR	.125 x .200 Slot, One Lip
.382	.625	1.570	.018 Min	Brass	Tin Plated	210-0207-00	.075	CR	No Lock
.391	.500		.018	Brass	Cadmium Plated	210-0255-00	.049	CR	45° Bend, Internal Lock
.448	.708	2.072	.025	Ph Bronze	Nickel Plated	210-0271-00	.957	CR	90° Bend
.475	.670	.830	.020	Brass	CuSnZn Plated	210-0346-00	.738	CS	No Lock
.505	.875	1.062	.020	Brass	Cadmium Plated	210-0229-00	.207	CS	No Lock
.505	.875	1.062	.020	Brass	Cadmium Plated	210-0229-01		DL	No Lock
.515	.625	.938	.025	Steel	Cadmium Plated	210-0241-00	.041	CR	30° Bend
.515	.625	.938	.025	Steel	Cadmium Plated	210-0241-01		DL	30° Bend

## NOT RECOMMENDED FOR NEW DESIGN

Dimensions				Material	Finish	Part Number	Codes <sup>a</sup>		Other Information
A	B	C	D				Cost	ST	
.025	.060	.555	.0042	Copper	Tin Plated	131-1258-00	1.036	CS	No Lock
.125	.250	.900	.016	Brass	Tin Plated	210-0314-00	.021	CR	
.275	.410	.810	.016	Brass	Tin Plated	210-0312-00	.059	CS	
.438	.625	.938	.020	Brass	Cadmium Plated	210-0270-00	.550	CS	45° Bend, Internal Lock
.453	.828		.032	Brass	Cadmium Plated	210-0260-00		OB	30° Bend

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## TERMINAL, LUG (SOLDERLESS)



D (Screw Size)	E (Accepts AWG)	UL	Fig	Dimensions				Barrel & Tongue		Insulation			Codes <sup>a</sup>		
				C	Z	Y	L	Material	Finish	Dia.	Material	Color	Part Number	Cost	ST
4	16 to 14	Yes	1	.250	.171 Min	.685 Max	.813 Max	Copper	Tin Pl	.170	Vinyl	Blue	131-1212-00	.127	CR
4	22 to 16	Yes	1	.281 Max	.320 Max	.760 Max	.900 Max	Copper	Tin Pl	.125	Vinyl	Red	131-1210-00	.080	CR
5/6	22 to 16	Yes	1	.230	.156	.572	.775	Brass	Tin Pl	.140	Vinyl	Red	210-0287-00	.065	CR
5/6	22 to 18	No	2	.297			1.188	Copper	Tin Pl	.145	PVC	Red	210-0283-00	.120	CS
6	12 to 10	Yes	2	.328	.250 Min	.841 Max	1.017 Max	Copper	Tin Pl	.230 Max	Vinyl	Yellow	131-1208-00 <sup>b</sup>	.203	CR
6	12 to 10	Yes	1	.375	.302	.893	1.083	Copper	Tin Pl	.230	Vinyl	Yellow	210-0339-00	.139	CR
6	12 to 10	Yes	1	.375	.302 Min	.893 Max	1.083 Max	Copper	Tin Pl	.230	Nylon	Blue	210-0337-00	.180	CR
6	12 to 10	No	2	.297	.227	.250	.625	Copper	Tin Pl		Uninsulated Terminal		210-0230-00	.030	CR
6	12 to 10	Yes	1	.281	.219	.810	.953	Copper	Tin Pl	.250	Vinyl	Yellow	210-0356-00	.145	CR
6	16	Yes	2	.290	.190 Min	.630 Max	.800 Max	Copper	Tin Pl	.160	Vinyl	Red	210-0368-00	.161	CR
6	16 to 14	No	2	.297	.219		.812	Copper	Tin Pl	.175	PVC	Blue	210-0284-00 <sup>b</sup>	.055	CR
6	16 to 14	Yes	2	.297	.190	.607	.753	Copper	Tin Pl	.170	Vinyl	Blue	131-1213-00	.059	CR
6	16 to 14	Yes	1	.250	.171 Min	.587 Max	.715 Max	Copper	Tin Pl	.170	Thermoplastic	Blue	210-0340-00	.101	CR
6	22 to 16	Yes	2	.300	.190 Min	.630 Max	.750 Max	Copper	Tin Pl	.125	Vinyl	Red	131-1211-00	.070	CR
6	26 to 22	No	1	.250	.281 Min	.551 Max	.679 Max	Copper	Tin Pl	.082			210-0353-00	.265	OT
6/8	22 to 16	Yes	2	.310	.260 Min	.690 Max	.880 Max	Copper	Tin Pl	.145	Vinyl	Red	210-0308-00 <sup>b</sup>	.106	CR
8	12 to 10	No	1	.310	.630	.790	.790	Copper	Tin Pl		Uninsulated Terminal		210-0317-00	.072	CR
8	12 to 10	No	2	.328	.313 Min	.876 Min	1.125	Copper	Tin Pl		PVC		210-0315-00 <sup>c</sup>	.115	CR
8	12 to 10	Yes	1	.360	.260 Min	.810 Max	1.000 Max	Copper	Tin Pl	.260	Vinyl	Yellow	210-0304-00	.097	CR
8	14	Yes	2	.315	.250 Min	.680 Max	.910 Max	Copper	Tin Pl	.170	Vinyl	Blue	210-0362-00	.121	CR
8	16 to 14	Yes	1	.310	.260 Min	.790 Max	.940 Max	Copper	Tin Pl	.180	Vinyl	Blue	210-0307-00	.075	CR
8	18 to 14	Yes	2	.300	.250	.750	.890	Copper	Tin Pl	.170	Vinyl	Blue	210-0252-00	.180	CR
8	22 to 16	Yes	1	.310	.260 Min	.700 Max	.850 Max	Copper	Tin Pl	.145	Vinyl	Red	210-0303-00	.076	CR
8 (M4)	12 to 10	Yes	1	.312	.281	.796	.955	Copper	Tin Pl		Uninsulated Terminal		210-0357-00	.207	CR
8/10	12 to 10	Yes	2	.410	.310 Min	.870 Max	1.090 Max	Copper	Tin Pl	.260	Vinyl	Yellow	210-0310-00 <sup>b</sup>	.136	CR
10	6	Yes	1	.625	.531	.931	1.246	Copper	Tin Pl		Uninsulated Terminal		210-0359-00	.308	CR
10	8	No	3	.500	.250 Min	.931	.791 Max	Copper	Tin Pl		Uninsulated Terminal		210-0285-00	.406	CR
10	8	Yes	1	.406	.359	.743	.949	Copper	Tin Pl		Uninsulated Terminal		210-0341-00	.250	CR
10	12 to 10	Yes	1	.360	.260 Max	.810 Max	1.000 Max	Copper	Tin Pl	.260	Vinyl	Yellow	210-0305-00	.099	CR
10	12 to 10	No	3	.375	.486 Max		.702 Max	Copper	Tin Pl		Uninsulated Terminal		210-0335-00	.092	CR
10	12 to 10	Yes	1	.380	.280	.630	.820	Copper	Tin Pl		Uninsulated Terminal		210-0247-00	.117	CR
10	16 to 14	Yes	1	.310	.260 Min	.800 Max	.970 Max	Copper	Tin Pl	.180	Vinyl	Blue	210-0306-00	.077	CR
10	22 to 16	Yes	1	.312	.281 Min	.697 Max	.856 Max	Copper	Tin Pl	.140	Plastic	Red	210-0322-00	.073	CR
10	22 to 16	Yes	1	.469	.437	.853 Max	1.090 Max	Copper	Tin Pl	.140	Vinyl	Red	210-0350-00	.049	CR
10	2 or 1	Yes	2	.690	.400	1.260	1.590	Copper	Tin Pl		Uninsulated Terminal		210-0244-00	.374	CR
.250	4	No	1	.550	.280 Min	1.137 Max	1.610 Max	Copper	Tin Pl	.374	Nylon	Yellow	210-0321-00	.578	CR
.250	6	No	1	.468	.531 Min	.931	1.168	Copper	Tin Pl		Uninsulated Terminal		131-1446-00	.370	CR
.250	8	Yes	1	.469	.359 Min	.696 Max	.938 Max	Copper	Tin Pl		Uninsulated Terminal		210-0286-00	.081	CR
.250	12 to 10	No	2	.531	.468	.736	.970	Copper	Tin Pl		Uninsulated Terminal		210-0219-00	.418	CR
.250	12 to 10	Yes	1	.531	.468 Min	1.059 Max	1.327 Max	Copper	Tin Pl	.230	Vinyl	Yellow	131-2773-00	.168	CR
.250 (M6)	2	Yes	1	.625		1.212	1.527	Copper	Tin Pl		Uninsulated Terminal		210-0358-00	.591	CR
.312	4	No	1	.660		1.440	1.780	Copper	Tin Pl		Nylon	Yellow	210-0336-00		DL
.312	6	No	1	.625	.531 Min	.931 Max	1.246 Max	Copper	Tin Pl		Uninsulated Terminal		210-0332-00	.373	CR
.312	8	No	1	.478		1.358	1.600	Copper	Tin Pl	.325	Plastic	Red	210-0360-00	.315	CR
.312	12 to 10	Yes	1	.531	.468	1.059	1.327	Copper	Tin Pl	.230	Vinyl	Yellow	131-2774-00	.167	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Bent Forks.

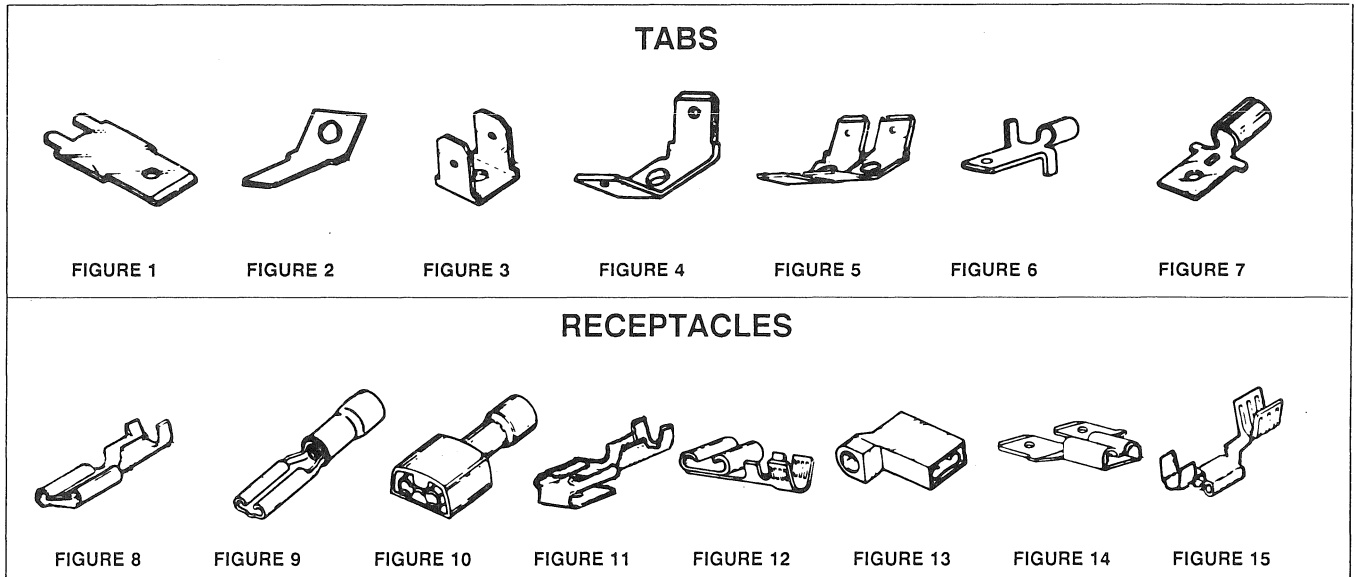
<sup>c</sup> Snap-Spade-Tongue.

## NOT RECOMMENDED FOR NEW DESIGN TERMINAL, LUG (SOLDERLESS)

D (Screw Size)	E (Accepts AWG)	UL	Fig	Dimensions				Barrel & Tongue		Insulation			Part No	Codes <sup>a</sup>	
				C	Z	Y	L	Material	Finish	Dia.	Material	Color		Cost	ST
4	20 to 16	No	1	.218	.167	.330	.432	Brass	Tin Pl	Uninsulated Terminal		210-0209-00	.015	CS	
6	12 to 10	Yes	2	.406	.296 Min	.887 Max	1.095 Max	Copper	Tin Pl	.230 Vinyl	Yellow	131-1214-00	.069	OT	
8	8	Yes	1	.406	.359	.743	.949	Copper	Tin Pl	Uninsulated Terminal		210-0344-00	.116	CR	
10	12 to 10	No	1	.470	.406	.839	1.072	Brass	Tin Pl	Uninsulated Terminal		210-0213-00	.065	CS	
.250	6	No	3	.500	.371		.960 Max	Copper	Tin Pl	Uninsulated Terminal		131-1447-00	.521	OT	
.250	16 to 14	No	1	.469	.400 Min	.656	.891	Copper	Tin Pl			210-0326-00	.047	CS	
.250	2 or 1	Yes	1	.690	.400	1.260	1.590	Copper	Tin Pl	Uninsulated Terminal		210-0245-00		OB	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## TERMINAL, QUICK DISCONNECT



### .250 X .032 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>		
				Cost	ST	
Tabs	1	P.C. Mount	131-2427-00	.015	CR	
	1	P.C. Mount	131-2427-01	4.900	CR	
	2	Screwmount .130 Stud	131-1191-00	.042	CR	
	2	Screwmount .171 Stud	131-1687-00	.043	CR	
	2	Screwmount .197 Stud	131-2454-00	.030	CS	
	2	Screwmount .145 Stud	131-1688-00	.028	CR	
	3	Screwmount .032 Stud	131-1816-01	.358	CS	
	3	Screwmount .130 Stud	131-1816-00	.046	CR	
	4	Screwmount .171 Stud	131-1977-00	.360	CR	
	4	Screwmount .130 Stud	131-2624-00		OB	
	5	Screwmount .130 Stud	131-1249-00	.119	CS	
	Receptacles	8	Crimp, 18-14 AWG .120 - .170 Insulation Dia.	131-1159-00	.038	CR
		9	Crimp, 12-10 AWG .250 Max Insulation Dia.	131-1563-00	.119	CR
9		Crimp, 16-14 AWG .160 Max Insulation Dia.	131-1216-00	.155	CR	
9		Crimp, 22-18 AWG, Reel Form .110 Insulation Dia.	131-2684-00	.155	CR	
9		Crimp, 22-18 AWG, Reel Form .135 Max Insulation Dia.	131-1215-00	.100	CR	
9		Crimp, 22-18 AWG, Loose Piece .135 Max Insulation Dia.	131-1180-00		OB	
10		Crimp, 16-14 AWG	131-3897-00		CR	
10		Crimp, 22-18 AWG .135 Max Insulation Dia.	131-2435-00	.068	CR	
11		Crimp, 18-14 AWG .170 Max Insulation Dia.	131-1678-00	.058	CR	
11		Crimp, 22-18 AWG .100 Max Insulation Dia.	131-1678-01	.052	CS	
11		Crimp, 14-10 AWG .200 Max Insulation Dia.	131-1679-00	.557	CR	
12		Crimp, 18-14 AWG .140 Max Insulation Dia.	131-1886-00	.040	CS	
13		Crimp, 22-18 AWG .165 Max Insulation Dia.	131-2639-00	.136	CS	

### .187 X .032 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Receptacles	8	Crimp, 20-16 AWG .090 - .130 Insulation Dia.	131-2522-00	.023	CR

### .187 X .020 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Tabs	2	Screwmount .171 Stud	131-1247-00	.014	CR
	2	Screwmount .144 Stud Right Angle	131-1849-00	.014	CR
	3	Screwmount .145 Stud	131-2367-00	.043	CS
Receptacles	8	Crimp, 24-20 AWG .060 - .110 Insulation Dia.	131-2512-00	.027	CR
	8	Crimp, 20-16 AWG .090 - .130 Insulation Dia.	131-0861-00	.022	CR
	10	Crimp, 22-18 AWG .135 Max Insulation Dia.	131-2065-00	.051	CR

### .110 X .032 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Adaptor	14	.032 Series	131-2799-00	.084	CS

### .110 X .020 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Tabs	6	P.C. Mount	131-1048-00	.022	CR
Receptacles	8	Crimp, 22-18 AWG .120 - .140 Insulation Dia.	131-2009-00	.060	CR
	9	Crimp, 22-18 AWG .100 Max Insulation Dia.	131-1041-00	.133	OT
	10	Crimp, 22-18 AWG .135 Max Insulation Dia.	131-2436-00	.071	CR

### .205 X .020 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Tabs	7	P.C. Mount	131-1197-00		OB
Receptacles	8	Crimp, 22-18 AWG .130 - .180 Insulation Dia.	131-3399-00		DL

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## TERMINAL, QUICK DISCONNECT (cont)

### .031 X .062 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Receptacles	8	Crimp, 24-20 AWG .040 - .080 Insulation Dia.	131-3003-00	.039	CR
	15	Crimp, 24-20 AWG .040 - .080 Insulation Dia.	131-0819-00	.144	CS
	15	Crimp, 22-18 AWG .060 - .110 Insulation Dia.	131-0738-00	.139	CR

## NOT RECOMMENDED FOR NEW DESIGN TERMINAL, QUICK DISCONNECT

### .250 X .032 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Cover Receptacles	9	Housing for .250 Series Tabs Crimp, 16-14 AWG, Loose piece, .160 Max Insulation Dia.	352-0660-00	.059	DL
			131-1047-00		OB
	131-2370-00	DL			
	131-2683-00	CS			
	12	Crimp, 22-18 AWG .135 Max Insulation Dia. Crimp, 16-12 AWG .170 Max Insulation Dia. (Right Angle)			

### .187 X .020 SERIES

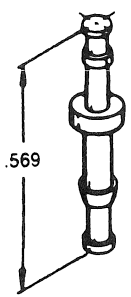
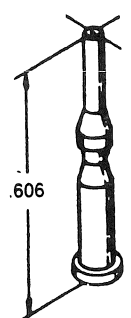
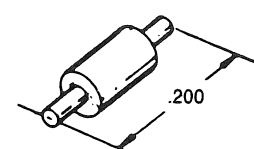
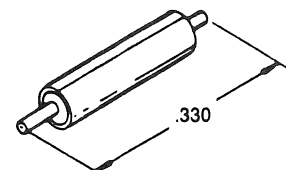
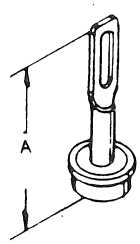
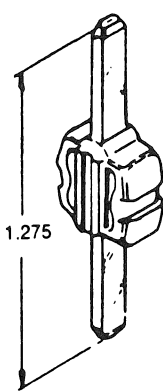
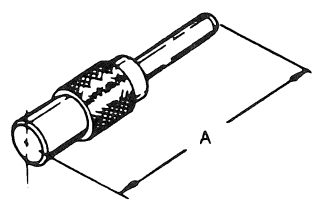
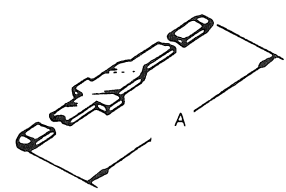
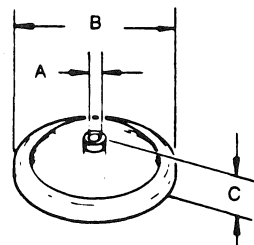
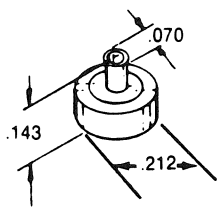
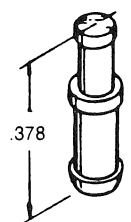
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				Cost	ST
Receptacles	11	Crimp, 20-16 AWG .110 Max Insulation Diameter	131-2404-00	.051	CS

### .110 X .032 SERIES

Type	Fig	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Receptacles	9	Crimp, 22-18 AWG .110 Max Insulation Dia.	131-1992-00		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## TERMINAL, FEEDTHRU

 <p>131-0183-00 Cost:<sup>a</sup> .150 ST:<sup>a</sup> CR For Board Thickness .062 Gold Plated Brass</p>		 <p>131-0765-01 Cost:<sup>a</sup> .027 ST:<sup>a</sup> CR .094 Dia CuSnZn Plated Brass</p>		 <p>131-1179-00 Cost:<sup>a</sup> 1.402 ST:<sup>a</sup> CR .086 Dia 175-1286-00 Semi Rigid Cable</p>		 <p>131-1463-00 Cost:<sup>a</sup> 1.795 ST:<sup>a</sup> CR .086 Dia 175-1286-00 Semi Rigid Cable</p>	
 <p>Nickel Plated Iron Glass Insulated</p>		 <p>131-0737-00 Cost:<sup>a</sup> .514 ST:<sup>a</sup> CS TERMINAL PIN Nylon w/Gold Plated Brass</p>		 <p>.0625 Gold Plated Brass</p>		 <p>Gold Plated Nickel on Brass</p>	
Dim A	Part Number	Codes <sup>a</sup>		Dim A	Part Number	Codes <sup>a</sup>	
		Cost	ST			Cost	ST
.348	131-1501-00		DL	.645	131-2122-00 <sup>b</sup>		DL
.360	131-1850-00	.240	CR	.800	131-0784-00	.090	CR
				1.187	131-0835-00		DL
				1.273	131-0709-00	.335	CR
 <p>Tinned Nickel Eyelet &amp; Header Glass Insulated</p>		 <p>131-1728-00 ST:<sup>a</sup> DL Steel, Tin Dipped</p>		 <p>131-0227-00 Cost:<sup>a</sup> .118 ST:<sup>a</sup> CR For Board Thickness .094 Gold Plated Brass</p>			
Dimensions			Codes <sup>a</sup>				
A (Min)	B	C	Part Number	Cost	ST		
.038	.292	.143	131-0205-00		DL		
.040	.377	.150	131-0230-00		DL		
.040	.470	.150	131-0201-00		DL		
.040	.535	.150	131-0187-00		DL		
.040	.643	.150	131-0249-00		DL		
.040	.723	.150	131-0412-00		DL		

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Hot Tin Dipped.

## NOT RECOMMENDED FOR NEW DESIGN TERMINAL, FEEDTHRU

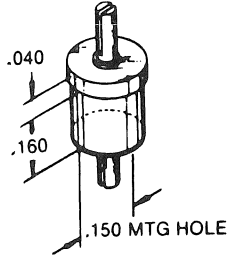
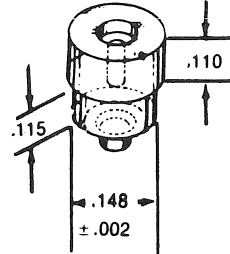
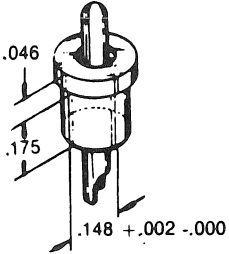
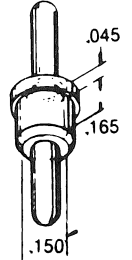
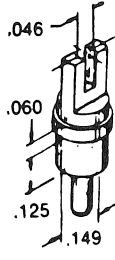
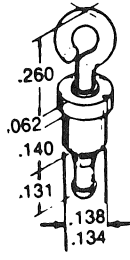
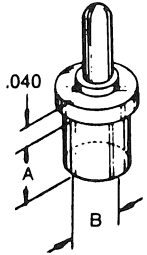
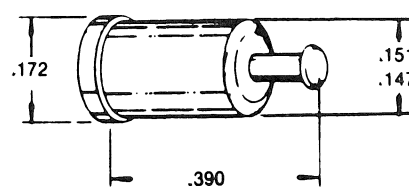
Part Number	Material	Dimensions	Codes <sup>a</sup>	
			Cost	ST
131-0359-00	Gold Plated Brass	.538 Long, For Board Thicknes .094	.117	CS
131-1371-00	.219 Dia, Gold Plated Brass	.497 Long		OB
131-0752-00	Albaloy Plated Brass	.535 Long, .312 Hex, 6-32 Thread		OB
131-0769-00	Stainless Steel	.125 Long Base, .060 Long Pin Dia, .152 OD	.033	CS
131-0790-00	Gold Clad .018 Dia Phosphor Bronze	.375 Long	.260	CS
131-1374-00	Gold Plated Nickel on Brass	1.198 Long	.076	CS
131-0182-00	Gold Plated Brass	.538 Long, For Board Thickness .031	.160	CS
131-0180-00	Gold Plated Brass	.315 Long, For Board Thickness .031		OB
131-0181-00	Gold Plated Brass	.346 Long, For Board Thickness .062	.089	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



## TERMINAL, FEEDTHRU (cont)

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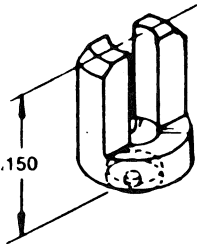
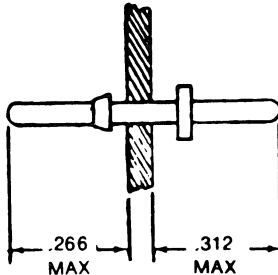
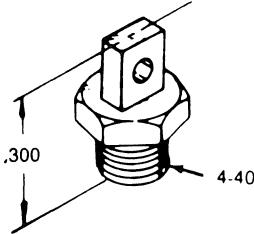
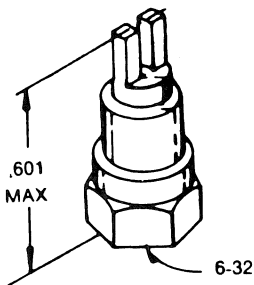
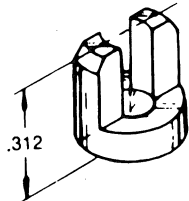
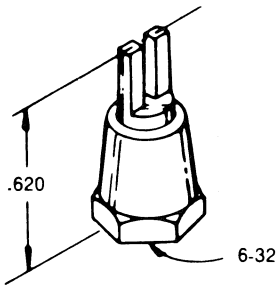
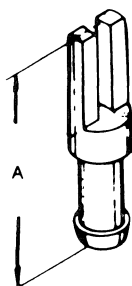
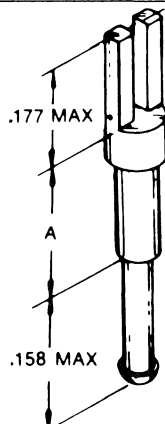
 <p>131-1529-00 COST:<sup>a</sup> .410 ST:<sup>a</sup> CR .065 pF Max Capacitance TFE w/Tin Plated Contacts</p>	 <p>131-0162-00 COST:<sup>a</sup> .475 ST:<sup>a</sup> CR .5 pF Capacitance PTFE w/Gold Lug</p>	 <p>131-0161-00 COST:<sup>a</sup> .610 ST:<sup>a</sup> CR .7 pF Capacitance PTFE, White, Gold Lug</p>																																													
 <p>131-0158-00 COST:<sup>a</sup> .132 ST:<sup>a</sup> CR Current Rating 5.5 A TFE w/Solder Plated Brass</p>	 <p>131-0403-00 COST:<sup>a</sup> .370 ST:<sup>a</sup> CR .7 pF Capacitance FEP Insulation w/Silver Plated Copper Contacts</p>	 <p>131-2313-00 ST:<sup>a</sup> DL .8 pF Capacitance Current Rating 5.5 A, 1000 VAC Brass w/Teflon Insulator</p>																																													
 <p>.5 pF Capacitance PTFE, w/Solder Coating Over Copper</p>		 <p>.7 pF Capacitance Current Rating 5.5 A, 2500 V RMS Brass w/Teflon</p>																																													
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## NOT RECOMMENDED FOR NEW DESIGN

Part Number	Material	Description	Codes <sup>a</sup>	
			Cost	ST
131-1834-00	Brass w/Teflon Insulator	Panel Thickness .125 Max, Capacitance .30 pF	.305	CS
131-2018-00	Brass, Silver Plated		.062	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

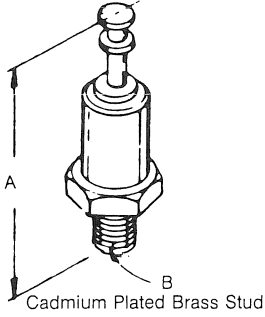
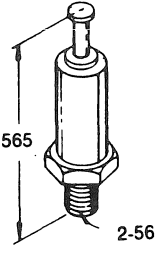
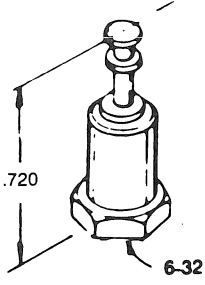
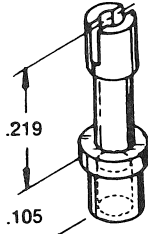
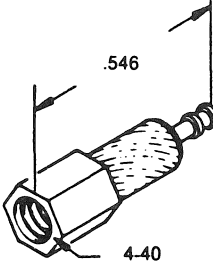
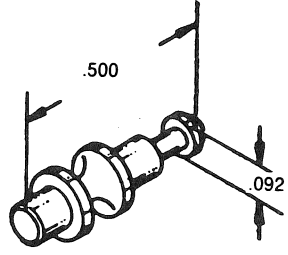
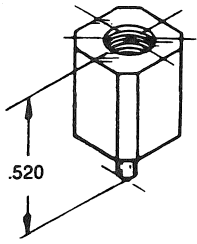
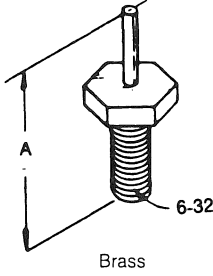
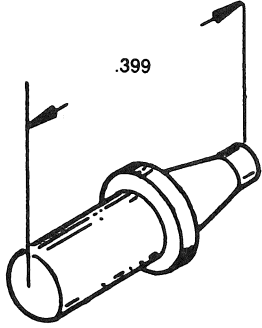
## TERMINAL, STUD

 <p>131-0905-00 COST:<sup>a</sup> .745 ST:<sup>a</sup> CR Phosphor Bronze, Bright Nickel Plated (Weld Mount)</p>	 <p>131-0511-00 COST:<sup>a</sup> .100 ST:<sup>a</sup> CR CIRCUIT BOARD STUD Gold Plated Brass</p>	 <p>131-0877-00 COST:<sup>a</sup> .530 ST:<sup>a</sup> CR Tin Plated Brass</p>																																													
 <p>131-2368-00 COST:<sup>a</sup> 1.067 ST:<sup>a</sup> CR Ceramic Insulator Silver Plated Brass</p>	 <p>131-0979-00 COST:<sup>a</sup> 1.534 ST:<sup>a</sup> CR .250 Dia Copper Beryllium, Nickel Plated</p>	 <p>131-0775-00 COST:<sup>a</sup> .700 ST:<sup>a</sup> CR Plastic Insulator Brass Contact</p>																																													
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<sup>b</sup> Silver plated brass.

### TERMINAL, STUD (cont)

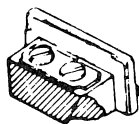
 <p>Cadmium Plated Brass Stud</p>		 <p>.565 2-56</p>		 <p>.720 6-32</p>																													
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<p>131-0285-00 Cost:<sup>a</sup> .049 ST:<sup>a</sup> CR Gold Plated Brass</p>		<p>131-0809-00 Cost:<sup>a</sup> .808 ST:<sup>a</sup> CR Teflon Insulator Cadmium Plated Brass Stud</p>		<p>131-0933-00 Cost:<sup>a</sup> .095 ST:<sup>a</sup> CR CuSnZn Plated Brass</p>																													
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### NOT RECOMMENDED FOR NEW DESIGN

Part Number	Description	Codes <sup>a</sup>	
		Cost	ST
131-1217-00 131-1189-00 131-2594-00 131-0978-00	Gold Plated Brass, For Circuit Board Thickness .094, .461 Long Silver Plated Brass, For Circuit Board Thickness .062, Knurled on One End Silver Plated Brass, Mounting Diameter .067, Circuit Board Stud CuSnZn Plated Brass, 6-32 Threads One End	.042	OB OB CS OB

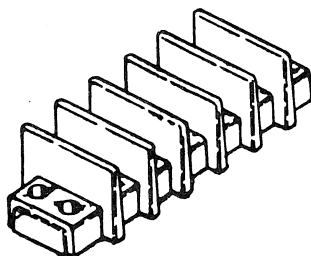
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

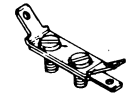
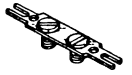
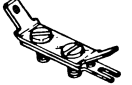

## TERMINAL BLOCK TWIN SCREW (STANDARD)



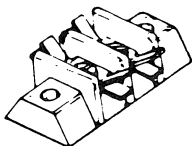
Number of Sections	Voltage (WVDC RMS)	Current (Amps)	Length (Inch) Center to Center Mounting Hole	Width (Inch)	Other	UL Recog	Part Number	Codes <sup>a</sup>	
								Cost	ST
6	2800 Max	20 Max	1.750	1.375	Open Back, 6-32 Screws	Yes	124-0339-00	1.860	CR

## TWIN SCREW WITH LUGS



No. of Sections	Voltage (WVDC RMS)	Current (Amps)	Length (Inch) Center to Center Mounting Hole	Width (In)	Other	UL Recog	Part Number	Codes <sup>a</sup>		TERMINAL STYLE <sup>b</sup> These illustrate the style terminals assembled in the block shown above.
								Cost	ST	
4	300	20	1.875	.875	Closed Back, Screws	Yes	124-0320-00	1.190	CR	
4	1100	15	3.375	.875	5-40 Screws	No	124-0006-00	2.197	CS	
7	150	20	3.000	.880	Closed Back, With One Jumper Between Position 5 and 6	Yes	131-2241-00	1.612	CS	
8	300	20	3.375	.875	Open Back, 6-32 UNC-2A Screws	Yes	124-0282-00	2.500	CR	

## SINGLE SCREW

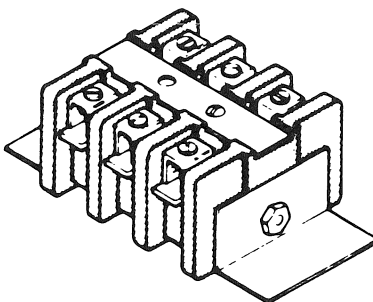


Number of Sections	Voltage (WVDC RMS)	Current (Amps)	Length (Inch) Center to Center Mounting Hole	Width (Inch)	Other	UL Recog	Part Number	Codes <sup>a</sup>	
								Cost	ST
2	150	20	1.312	.687	Closed Back, (2) 6-32 Screws	No	124-0246-00	1.800	CR
2	600	20	1.125	.625	2 Solder Turrets for #14 Wire	Yes	124-0342-00	.325	CR
3	300	20	1.520	.620	Closed Back, 3 Solder Turrets	Yes	124-0114-00	890	CR
6	600	20			Low Profile, w/Quick Connect Hardware	Yes	124-0438-00	1.550	CR
9	300	20	4.375	.625	Closed Back, w/o Hardware	Yes	124-0349-00	1.480	CS
12	300	20	4.875	.700	With PCB Terminals	Yes	124-0112-00	3.160	CR

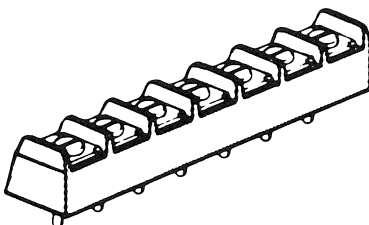
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Terminal Style configurations vary for the different part numbers. Check the individual Specification for the proper configuration.

## TERMINAL BLOCK (cont)



Number of Sections	Voltage (WVDC RMS)	Current (Amps)	Length (Inch) Center to Center Mounting Hole	Width (Inch)	Other	UL Recog	Part Number	Codes <sup>a</sup>	
								Cost	ST
3 x 2	600	75	2.979	1.500	For 16 to 14 AWG Wire	Yes	124-0409-00	3.350	CR



Number of Sections	Voltage (WVDC RMS)	Current (Amps)	Length (Inch) Center to Center Mounting Hole	Width (Inch)	Other	UL Recog	Part Number	Codes <sup>a</sup>	
								Cost	ST
3	150	15	.200	.500	For 24 to 14 AWG Wire	Yes	124-0434-00	.930	CR
7	300	10	.200	.433	For 12 AWG Wire	Yes	131-3480-00	2.850	CR
7	1100	20	3.156	.641	For 16 to 14 AWG Wire, 6-32, PCB Mount	Yes	124-0383-00	2.210	CS
12	300 Max	20 Max	4.560	.625	For 20 to 12 AWG Wire, 6-32, PCB Mount	Yes	124-0435-00	1.850	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## NOT RECOMMENDED FOR NEW DESIGN TERMINAL BLOCK

### TWIN SCREW (STANDARD)

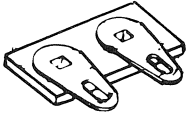
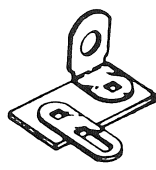
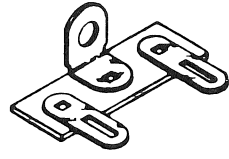
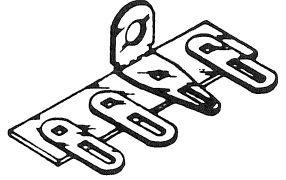
Number of Sections	Voltage (WVDC RMS)	Current (Amps)	Length (Inch) Center to Center Mounting Hole	Width (Inch)	Other	UL Recog	Part Number	Codes <sup>a</sup>	
								Cost	ST
3	1100 Max	15 Max	1.500	.875	Open Back, 6-32 Screws	No	124-0309-00		OB
6	1600 Max	30 Max	2.248	1.312	Open Back, 8-32 Screws	No	124-0407-00	.480	CS
8	150	15	3.375	.875	Closed Back, 5-40 Screws	No	124-0282-01		OB
8	150	15	3.375	.875	Closed Back, Without Screws	No	124-0282-02		OB
12	600 Max	30 Max	7.312	1.312	Open Back, 8-32 Screws	No	124-0336-00		OB
12	150 Max	15 Max	4.875	.875	Open Back, 5-40 Screws	No	124-0337-00		OB
15	300	20	7.000	.875	Open Back	Yes	124-0364-00	2.470	CR

### TWIN SCREW WITH LUGS

Number of Sections	Voltage (WVDC RMS)	Current (Amps)	Length (Inch) Center to Center Mounting Hole	Width (Inch)	Other	UL Recog	Part Number	Codes <sup>a</sup>	
								Cost	ST
4	300	20	1.880	.880	6-32	Yes	124-0320-01	.820	CS
4	600	30	2.813	.938	Closed Back, 8-32 Screws	No	124-0329-00	.870	CS
5	150	20	2.250	.880	Closed Back, 6-32 Screws	Yes	124-0385-00	1.880	OT

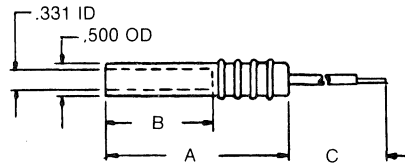
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## TERMINAL BOARD

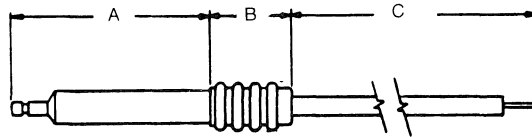
			
124-0291-00 COST: <sup>a</sup> .170 ST: <sup>a</sup> CR	131-0022-00 COST: <sup>a</sup> .076 ST: <sup>a</sup> CR	131-0023-00 COST: <sup>a</sup> .410 ST: <sup>a</sup> CR	124-0256-00 COST: <sup>a</sup> .195 ST: <sup>a</sup> CR

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

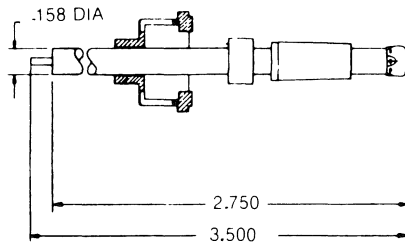
## CONNECTORS, HIGH VOLTAGE



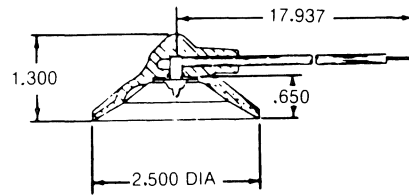
Voltage Rating (Maximum)	Dimensions			Other	Part Number	Codes <sup>a</sup>	
	A	B	C			Cost	ST
30 kV DC	2.813	1.625	18.000	Female	131-0773-00	1.670	CR
40 kV DC	2.850	1.535	14.500	In-Line Female	131-3333-00	1.180	PP



Voltage Rating (Maximum)	Dimensions			Other	Part Number	Codes <sup>a</sup>	
	A	B	C			Cost	ST
20 kV DC	1.875	.750	12.000	Male, w/Resistors	131-1136-00	2.660	CR
20 kV DC	1.187	.438	8.000	Male	131-2425-01	1.180	CR
30 kV DC	1.875	.625	12.000	Male	131-0785-00	1.390	CR
30 kV DC	1.875	.625	17.750	Male	131-0785-01	.980	CR
30 kV DC	1.875	.625	8.000	Male	131-0785-02	.840	CR
30 kV DC	1.865	.625	3.000	Male	131-1265-02	.860	CR



131-3334-00 COST:<sup>a</sup> .324 ST:<sup>a</sup> PP  
Voltage Rating 30 kV DC  
In-Line Male



131-3335-00 COST:<sup>a</sup> 1.181 ST:<sup>a</sup> PP  
Voltage Rating 40 kV DC  
Anode

## NOT RECOMMENDED FOR NEW DESIGN

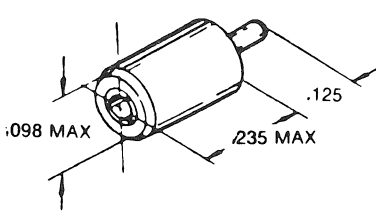
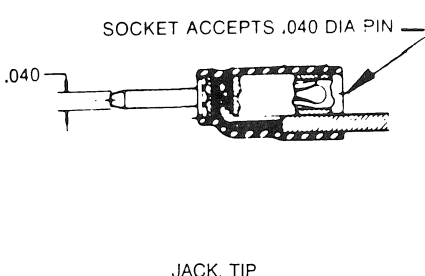
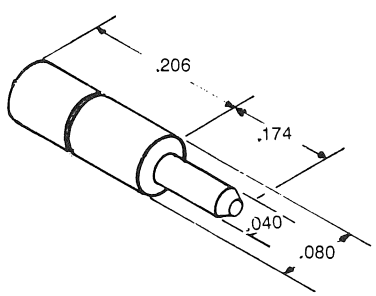
Voltage Rating (Maximum)	Description	Part Number	Codes <sup>a</sup>	
			Cost	ST
20 kV DC	Male Plug, No Lead	131-2425-00	.338	CS
20 kV DC	Female Receptacle Panel Mount w/2.500 Inch Lead	131-2420-00	2.160	OT
40 kV DC	Female Receptacle, No Lead	131-2496-00	.165	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

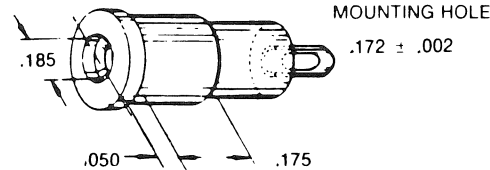
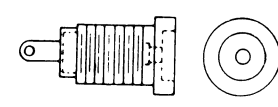


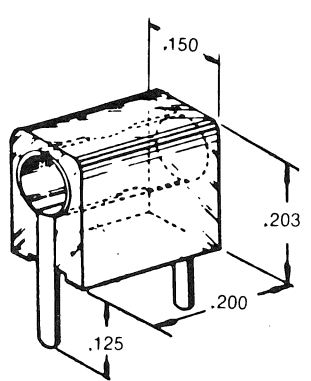
## TELEPHONE JACKS AND BANANA PLUGS JACKS AND PINS

.040 DIA

 <p>136-0685-00<sup>b</sup> COST:<sup>a</sup> .350 ST:<sup>a</sup> OT SOCKET, PIN TERMINAL Gold Plated .195 Min Hole Depth</p>			 <p>136-0873-00 COST:<sup>a</sup> .960 ST:<sup>a</sup> CR SOCKET, 3 AMP Bras, Gold Plated</p>													
	<table border="1"> <thead> <tr> <th rowspan="2">Insulation Color</th> <th rowspan="2">Part Number</th> <th colspan="2">Codes<sup>a</sup></th> </tr> <tr> <th>Cost</th> <th>ST</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>134-0124-00<sup>b</sup></td> <td>.680</td> <td>CR</td> </tr> <tr> <td>Red</td> <td>134-0124-01<sup>b</sup></td> <td>.450</td> <td>CR</td> </tr> </tbody> </table>	Insulation Color		Part Number	Codes <sup>a</sup>		Cost	ST	Black	134-0124-00 <sup>b</sup>	.680	CR	Red	134-0124-01 <sup>b</sup>	.450	CR
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		Cost	ST													
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Red	134-0124-01 <sup>b</sup>	.450	CR													

.080 DIA

 <p>TFE w/Gold Plated Contacts .75 pF Capacitance</p>	 <p>JACK, TIP</p>																												
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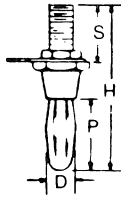
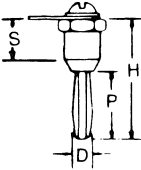

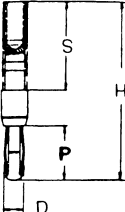
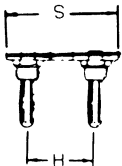


136-0544-00 COST:<sup>a</sup> .156 ST:<sup>a</sup> CR  
JACK, TIP, White

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

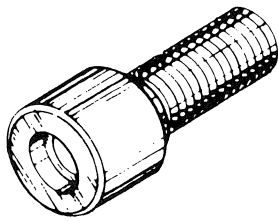
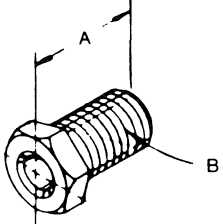
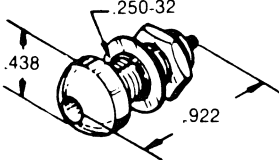
<sup>b</sup> 131-1243-00 pin terminal fits 134-0124-00, 134-0124-01 & 136-0685-00.

## TELEPHONE JACKS AND BANANA PLUGS (cont) (FITS .166 DIA HOLE) PLUGS

				
FIGURE 1	FIGURE 2	FIGURE 3	FIGURE 4	FIGURE 5

Type	Figure	Dimensions				Comments	Part Number	Codes <sup>a</sup>	
		D	P	S	H			Cost	ST
Standard Plug	1	.175	.531	.375	1.125	6-32 Threaded Stud	134-0014-00	.230	CR
	1	.169	.400	.578	1.203	6-32 Threaded Stud, Similar to Figure 1	134-0108-00	2.122	CR
	2	.175	.531	.281	.938	6-32 Tapped End	134-0013-00	.180	CR
	2	.180	.591	.281	.939	10-32 Tapped End	134-0016-00	.200	CR
	3	.175					134-0022-00	.400	CS
	3	.158	.709	.286	1.083	Multi Contact, Similar to Figure 3	134-0182-00	1.538	CR
	4	.180	.422	.650	1.418	Fits .166 Inch Diameter Jack	134-0173-00	.361	CR
	4	.175	.422	.795	1.573	Fits .166 Dia Jack, 10-24 Tapped End	136-0767-00	.270	CR
Miniature Plug	3	.120	.300	.125	.519	Fits .110 Inch Diameter Jack	134-0015-00	.560	CS
Double Plug	5			1.250	.750	Shorting	134-0012-00	2.080	CR
Cable Nipples						Black, Fits 134-0013-00, 134-0016-00	200-0076-00	.374	CR
						Black	200-0655-00	.448	CR

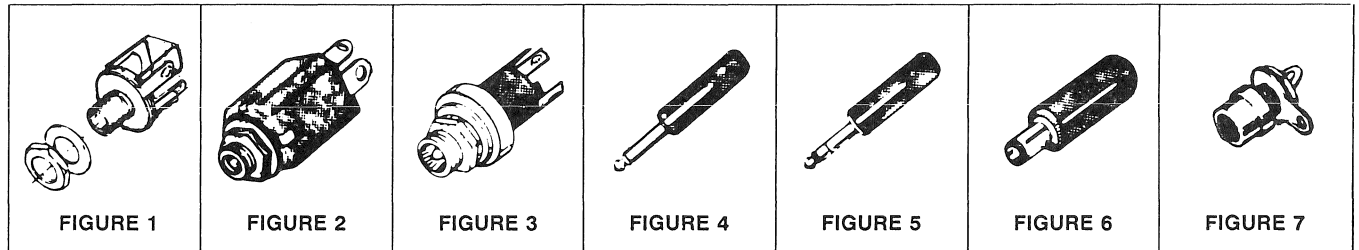
### JACKS

																																																																																						
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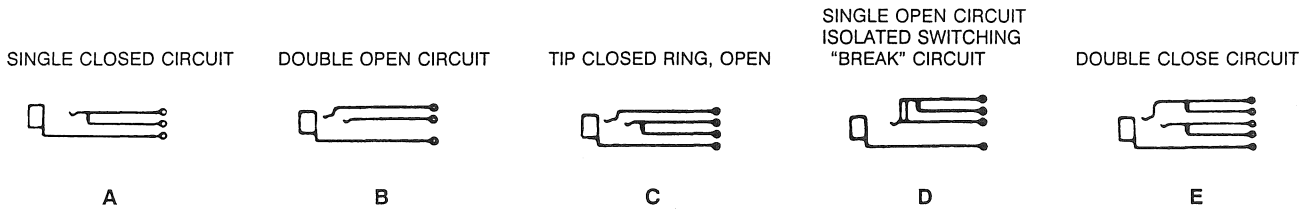
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Banana jack with terminal lug.

## TELEPHONE JACKS AND BANANA PLUGS (cont)



### JACK SCHEMATICS



### .250 DIA STANDARD SERIES

Type	Schematic	Figure	Comments	Part Number	Codes <sup>a</sup>	
					Cost	ST
Jack	B	1	3 Conductor, Panel Mount	131-0267-00	.950	CR
		2	3 Conductor, Panel Mount	131-3980-00	1.080	CR
		7	Chassis Jack, Front Panel Mount	131-3997-00		CR
Plug		5	3 Conductor	134-0069-00	2.025	CR

### .140 DIA MINIATURE SERIES

Type	Schematic	Figure	Comments	Part Number	Codes <sup>a</sup>	
					Cost	ST
Jack	A	1	2 Circuit, Panel Mount	136-0094-00	.999	CR
Plug		4	2 Circuit, Black	134-0051-00	.980	CR
		4	2 Circuit, Red	134-0052-00	.810	CR

### .101 DIA MICRO SERIES

Type	Schematic	Figure	Comments	Part Number	Codes <sup>a</sup>	
					Cost	ST
Jack	A or B	1	2 Conductor, Open or Single Closed Circuit	131-0407-00	.500	CR
		1	2 Conductor, Right Angle, Circuit Board Mount	131-3068-00	.640	CR
Plug	A	4	2 Conductor	134-0079-00	.840	CR

### POWER PLUG BATTERY CHARGES

Type	Figure	Comments	Part Number	Codes <sup>a</sup>	
				Cost	ST
Plug, Telephone	6	2 Contact Miniature, Female Center Contact	134-0147-00	.970	CR
Jack	3	Miniature, w/Auto Switch Circuit, Male Center Contact	134-0148-00	.710	CR

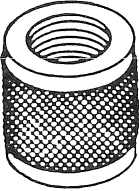
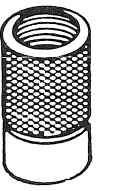
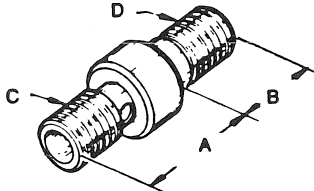
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## NOT RECOMMENDED FOR NEW DESIGN TELEPHONE JACKS AND BANANA PLUGS

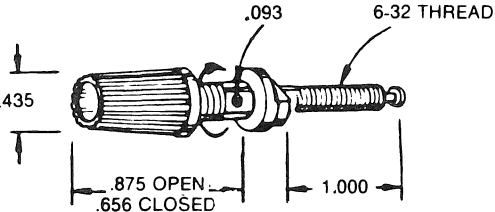
Part Number	Codes <sup>a</sup>		Description
	Cost	ST	
131-0179-00	.526	OB	.250 Dia Standard Series, Jack, 2 Conductor, Isolated Break Circuit Panel Mount
131-0254-00		OB	.080 Dia, Green, TFE w/Gold Plated Contacts, .75 pF Capacitance
131-0255-00		CS	.080 Dia, Blue, TFE w/Gold Plated Contacts, .75 pF Capacitance
131-1860-00		CM	.250 Dia Standard Series, Jack, 3 Conductor, Single Closed Circuit
131-1862-00		OB	.250 Dia Standard Series, Jack, 3 Conductor, Open Circuit
131-1863-00		OB	.250 Dia Standard Series, Jack, 3 Conductor, Double Closed Circuit
131-2150-00		OB	.080 Dia, Jack for Banana Plug, Red, 4 pF Capacitance
131-2151-00		OB	.080 Dia, Jack for Banana Plug, Brown, 4 pF Capacitance
131-2152-00		OB	.080 Dia, Jack for Banana Plug, Black, 4 pF Capacitance
131-2153-00		OB	.080 Dia, Jack for Banana Plug, Green, 4 pF Capacitance
131-2154-00	.490	OB	.080 Dia, Jack for Banana Plug, White, 4 pF Capacitance
131-2231-00		CS	.250 Dia Standard Series, Jack, 2 Conductor, Normally Closed Circuit
131-2498-00	.620	CS	.250 Dia Standard Series, Jack, 3 Conductor, Panel Mount
134-0024-00	.420	OB	Standard Plug, Fits .166 Dia Hole, Black Insulator
134-0032-00		CS	Standard Plug, Fits .166 Dia Hole, 6-32 Threaded Stud
134-0060-00	.300	OB	.250 Dia Standard Series, Plug, 2 Conductor
134-0066-00		CS	Standard Plug, Fits .166 Dia Hole, 2-56 Tapped End
134-0065-00		CS	Standard Plug, Fits .166 Dia Hole
134-0136-00		OB	Double Plug, Fits .166 Dia Hole
136-0037-00		OB	.080 Dia, Jack, Tip, Black
136-0052-00	.290	CS	Banana Jack Assembly, Black, .166 Dia
136-0098-01	.240	CS	.080 Dia, Jack, Tip, Gray
136-0139-01	.250	CS	Banana Jack Assembly, Red, .166 Dia, Slot 1 End
136-0140-01	.400	CS	Banana Jack Assembly, Charcoal, .166 Dia, Slot 1 End
136-0545-00		OB	.080 Dia, Jack, Tip, Red
200-0655-01		OB	Cable Nipple, Red

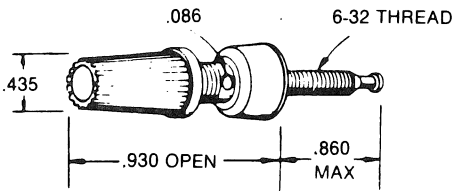
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## POST, BINDING, ELECTRICAL

CAP							POST													
																				
FIGURE 1							FIGURE 2							Dimensions				Codes <sup>a</sup>		
OD	Length	Threads	Fig	Material	Finish	Part Number	Codes <sup>a</sup>		A	B	C	D	Part Number	Cost	ST					
							Cost	ST												
.375	.625	.250-28	2	Brass	Nkl PI	200-0072-00		OB	.780	.250	.250-28	.250-28	355-0227-00	.370	CR					
.375	.343	.250-28	1	Brass	Nkl PI	200-0103-00	.059	CR	.780	.407	.250-28	10-32	355-0503-00		OB					
									.375	.438	.250-28	.250-28	355-0507-00	.117	CR					
									.500	.438	.250-28	.250-28	129-0077-00	1.243	CR					

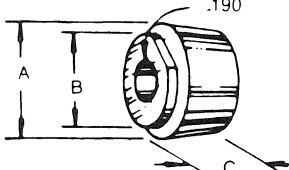
BINDING POST ASSEMBLIES				
Post	Cap	Part Number	Codes <sup>a</sup>	
			Cost	ST
355-0507-00	200-0103-00	129-0053-00	.220	CR
129-0077-00	200-0103-00	129-0103-00	1.390	CR

5-WAY	
	
129-0064-04	COST: <sup>a</sup> .940 ST: <sup>a</sup> CR Red,w/Insulator and Mounting Hardware

5-WAY MINIATURE	
	
Nylon With Brass, Gold Plated Metal Parts With Insulator and Mounting Hardware	

Color	Current	Part Number	Codes <sup>a</sup>	
			Cost	ST
Charcoal	15 A	129-1022-00	.840	CR
Red	15 A	129-1023-00	1.380	CR
White	15A	129-0064-02	1.090	CR
Green	15 A	129-0064-03	1.090	CR

THUMBSCREW HAS LIMITED OPENING OF .109

INSULATOR							
							
Nylon with Gold Plated Brass Insert							
Color	Current	Dimensions (Max)			Part Number	Codes <sup>a</sup>	
		A	B	C		Cost	ST
Charcoal	15 A	.474	.359	.219	358-0181-00	.220	CR
Red	15 A	.471	.371	.198	358-0181-01	.220	CR
USE WITH #6 FLAT WASHER, .312 OD MAXIMUM							

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column, or as COST. For Status Codes, see tab marked CODES in the back of this catalog.

**NOT RECOMMENDED FOR NEW DESIGN  
POST, BINDING, ELECTRICAL**

Part Number	Codes <sup>a</sup>		Description
	Cost	ST	
200-0182-00		OB	Cap, Nickel Plated Brass, .375 OD, .843 Long, .250-28 Threads
129-0020-00		OB	Binding Post Assembly: Post 355-0503-00, Cap 200-0072-00 Binding Post Assembly: Post 355-0507-00, Cap 200-0182-00
129-0051-00		OB	
129-0036-00	.550	CS	5-Way, Polycarbonate w/Brass, Gold Plated Metal Parts, Black, Current 30 A
129-0064-00	.680	CS	5-Way Miniature, Nylon w/Brass, Gold Plated Metal Parts, Charcoal, 15 A
129-0064-01		NP	5-Way Miniature, Nylon w/Brass, Gold Plated Metal Parts, Red, 15 A
358-0036-00		OB	Insulator, Black Polycarbonate

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.



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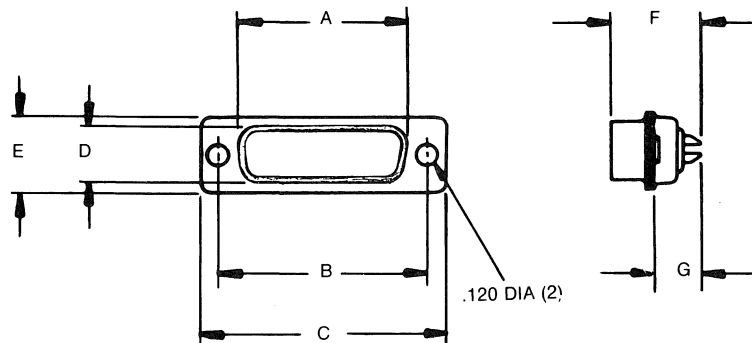
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CATALOG WRITER: DIANE ARGYLE, 629-1860

# RECTANGULAR CONNECTORS D-SUBMINIATURE SERIES (SOLDER ASSEMBLY)

FEMALE



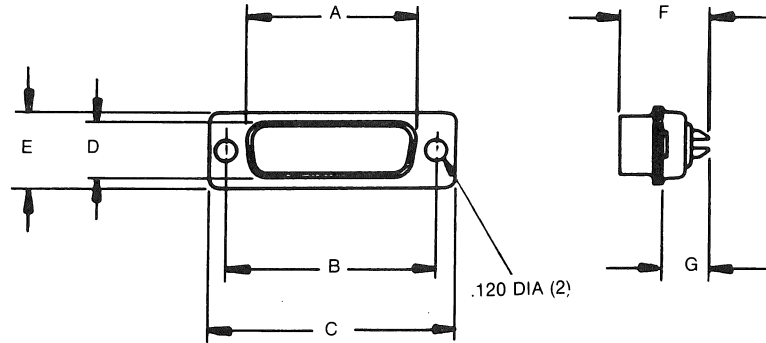
Number of Contacts	A Nominal	B Nominal	C Maximum	D Nominal	E Nominal	F Nominal (Overall)	G Nominal (Overall)	Special Features	Part Number	Codes <sup>a</sup>		
										ND	Cost	ST
9		.793	1.044		.284	.456			131-2574-00		3.360	CS
9	.640	.984	1.228	.308	.494	.522	.249	Circuit Board Mount	131-3390-00	U	1.800	CR
9	.640	.984	1.213	.308	.494			EMI Filtered Connector Adaptor	131-3371-00	A	12.540	CR
9	.643	.984	1.231	.311	.494	.604	.286	Circuit Board Mount, Snap-in	131-3904-00		2.630	CR
9	.669	.984	1.213	.334	.494	.578	.312 Max	Solder Pins	131-1006-00	U	1.340	CR
15	.968	1.312	1.541 Nom	.308	.494	.663	.390 Max		131-0458-00 <sup>b</sup>		2.250	CR
15	.968	1.312	1.556	.308	.494	.585	.312	Floating Mount	131-1165-00	U	4.970	CR
15	.968	1.312	1.556	.308	.494	.585	.342	Circuit Board Mount, Removable Contacts	131-0970-00		9.670	CR
15	.968	1.312	1.556	.308	.495	.741	.498	Circuit Board Mount	131-2690-00		3.13	CS
15	.968	1.312	1.556	.308	.494	.880 Max	.587 Max	Straight Wire Wrap	131-3377-00	U	4.050	CR
15	.971	1.312	1.556	.311	.494	.604	.286	Circuit Board Mount w/standoff	131-4155-00		2.630	CR
15	.971	1.312	1.556	.311	.496	.604	.286		131-4151-00		2.370	CR
25	.776 Max		.912	.170 Max	.215 Max	.473	.194	Circuit Board Mount, Modified (Micro-Min)	131-2086-00		11.333	CR
25	1.508	1.852	2.088 Nom	.308	.494	.663	.390 Max	Solder Pins	131-0569-00 <sup>b</sup>		2.520	CR
25	1.508	1.852	2.103	.308	.494	.585	.342	Circuit Board Mount	131-0971-00 <sup>b</sup>		5.740	CR
25	1.508	1.852	2.103	.308	.494	.860	.587 Max	Solder Contacts w/Wire Wrap Terminals	131-1437-00 <sup>b</sup>	U	2.811	CR
25	1.510	1.850	2.090	.310	.490	.535	.295	Insulation Displacement Termination	131-2198-00		5.970	CS
25	1.511	1.852	2.103	.308	.494	.604	.286	Insulation Displacement Termination	131-1984-00			DL
25	1.511	1.852	2.103	.311	.494	.604	.286	Circuit Board Mount Snap-in	131-3694-00		4.370	CR
25	1.511	1.852	2.103	.311	.494	.893	.660	Circuit Board Mount	131-3428-00		4.940	CR
25	1.534	1.852	2.105	.329	.496	.636	.399	With 4-40 Fixed Female Screwlocks	131-3984-00		5.870	CR
25	1.650	1.852 Max	2.114	.448	.515 Max	.438	.327	Removable Contacts	131-1907-00			OB
37	2.156	2.500	2.744	.308	.494	.585	.312	Circuit Board Mount, Removable Contacts	131-0972-00		10.100	CR
37	2.156	2.500	2.744	.308	.494	.600	.312 Max		131-0408-00		2.598	CR
50	2.069 Max	2.406	2.643	.428 Max	.558			Right Angle, Circuit Board Mount	131-2794-00		9.810	CR
50	2.062	2.406	2.635 Nom	.532	.605	.585	.312 Max		131-1345-00		3.393	CR
50		2.405						Circuit Board Mount w/4-40 Cinch Nut	131-3716-00		4.350	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

**RECTANGULAR CONNECTORS (cont)**  
**D-SUBMINIATURE SERIES (SOLDER ASSEMBLY) (cont)**

MALE



Number of Contacts	A Nominal	B Nominal	C Maximum	D Nominal	E Nominal	F Nominal (Overall)	G Nominal (Overall)	Special Features	Part Number	Codes <sup>a</sup>		
										ND	Cost	ST
9	.697	.984	1.213 Nom	.360	.494	.578	.312	Solder Pins	131-1007-00	U	.950	CR
15	.971	1.312	1.556	.311	.429	1.130	.855	Circuit Board Mount	131-3832-00		3.860	CR
15	.994	1.312	1.556	.329	.494	.596	.276	With 4-40 Screwlock	131-4152-00		2.570	CR
15	1.025	1.312	1.551	.360	.494	.578	.387	Circuit Board Mount	131-1164-00		3.220	CR
15	1.083	1.312	1.556	.422	.494	.593	.312 Max		131-0459-00		1.150	CR
25	.690 Max	.965	1.185		.215 Max	1.391 Max		Micro Miniature, Twist Pins	131-1897-00		11.780	
25	1.534	1.852	2.103	.329	.494	1.039	.770 Max	Right Angle, Circuit Board Mount	131-2199-00	U	2.400	CR
25	1.534	1.852	2.103	.329	.494	.826	.557	Circuit Board Mount	131-4307-00			EN
25	1.583	1.852	2.088 Nom	.378	.494	.663	.390 Max	Solder Pins	131-0570-00		1.680	
25	1.534	1.852	2.103	.329	.494	.494	.361	Circuit Board Mount	131-0813-00 <sup>b</sup>	U	6.040	
25	.690 Max	.965	1.185		.215 Max	.891		Micro Miniature, .500 Inch Long, Twist Pins	131-1897-01		11.040	CS
25	1.534	1.852	2.103	.329	.494	1.005	.545	Right Angle Circuit Board Mount Tails	131-2897-00		4.360	CR
25	1.534	1.852	2.103	.329	.600	.885	.641 Max		131-2560-00		48.950	CS
32	2.079	2.406	2.650	.441	.605	.644	.375 Max	Circuit Board Mount	131-3836-00		17.000	PP
37	2.182	2.500	2.744	.329	.494	.582	.312 Max		131-0422-00		2.520	CR
50	2.095	2.406	2.635 Nom	.532	.605	.585	.312 Max	Contacts are in 3 Rows, Solder Pot Tails	131-1344-00		2.295	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## RECTANGULAR CONNECTORS (cont) D-SUBMINIATURE SERIES (SOLDER ASSEMBLY) (cont) HIGH DENSITY

### FEMALE RIGHT ANGLE

Number of Contacts	Dimensions (Nominal)				Special Features	Part Number	Codes <sup>a</sup>		
	A	B	C	D			ND	Cost	ST
9	.984	1.218	.643	.494	With 4-40 Threaded Inserts & Board Locks	131-3925-00		1.030	CR
15	1.312	1.552	.974	.487	With 4-40 Threaded Inserts & Board Locks	131-4046-00		2.520	CR
25	1.852	2.088	1.511	.494	With 4-40 Threaded Inserts & Board Locks	131-3396-00		2.030	CR
25	1.852	2.088	1.511	.494	With 4-40 Threaded Inserts & Board Locks	131-4297-00			EN
25	1.852	2.092	1.514	.487	Short Mounting Flange	131-3406-00		1.890	CR
25	1.852	2.088	1.511	.494	With 4-40 Threaded Inserts & Board Locks	131-0812-00		6.270	CR
25	1.852	2.088	1.511	.494	With Screwlocks	131-0812-01		5.060	CR
25	1.852	2.088	1.511	1.394	Dual Port, With 4-40 Threaded Inserts & Board Locks	131-4047-00		5.400	PP
32	2.406	2.635	2.064	.605	With 4-40 Rivnuts	131-3502-00		12.520	CR
37	2.500	2.729	2.159	.494	With 4-40 Screwlocks	131-3372-00		12.950	CR
50	2.406	2.635	2.064	.605		131-3508-00		17.650	CR

### MALE RIGHT ANGLE

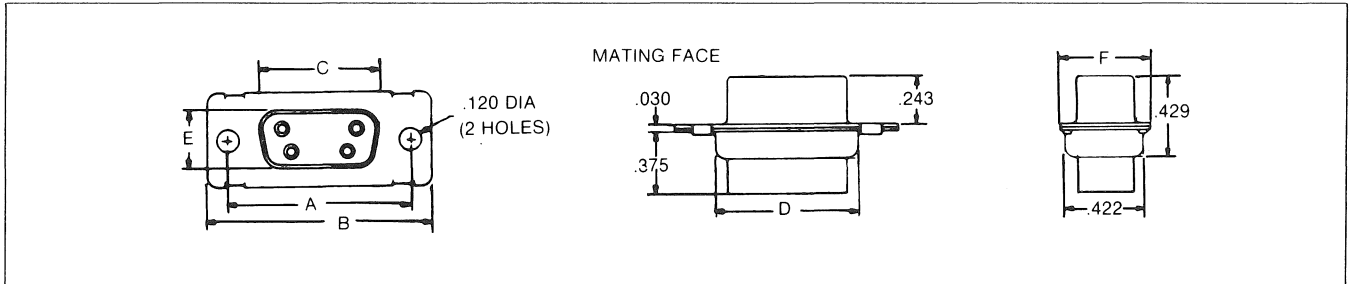
Number of Contacts	Dimensions (Nominal)				Special Features	Part Number	Codes <sup>a</sup>		
	A	B	C	D			ND	Cost	ST
9	.984	1.213	.666	.494	Long Mounting Flange	131-3179-00		4.090	CR
9	.984	1.218	.666	.494	With 4-40 Threaded Inserts & Board Locks	131-3926-00		1.030	CR
20	1.079	1.315	.413	.413	With 4-40 Threaded Inserts & Board Locks	131-4242-00		2.950	PP
25	1.852	2.088	1.534	.494	With 4-40 Threaded Inserts & Board Locks	131-3395-00		1.890	CR
50	2.406	2.635	2.079	.605		131-3507-00		9.350	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



# RECTANGULAR CONNECTORS (cont) D-SUBMINIATURE SERIES (CRIMP ASSEMBLY)

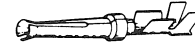
## FEMALE



Number of Contacts	Dimensions (Nominal)						Dielectric Withstanding Voltage	Insulation Resistance	Part Number	Codes <sup>a</sup>		
	A	B	C	D	E	F				ND	Cost	ST
9	.984	1.213	.643	.759	.311	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-1718-00		.520	CR
15	1.312	1.541	.971	1.083	.311	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-1472-00		2.530	OT
15	1.312	1.541	.971	1.083	.311	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-2248-00 <sup>b</sup>		4.110	CR
15	1.312	1.541	.971	1.083	.311	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-2011-00		.610	OT
25	1.852	2.088	1.511	1.625	.311	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-1461-00		.620	CR
37	2.500	2.729	2.159	2.272	.311	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-1412-00		1.390	CR
50	2.406	2.635	2.064	2.178	.423	.605	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-1278-00		1.360	CS

CONNECTOR BODIES WILL ACCEPT THESE CONTACTS (SIZE 20)

Wire Size (AWG)	Material	Contact Resistance Maximum	Type	Part Number	Codes <sup>a</sup>		
					ND	Cost	ST
18	Gold Pl Copper	5.5 mΩ	Screw Mach, Loose Piece	131-1522-01			OB
24-20	Gold Pl Copper	5.5 mΩ	Screw Mach, Loose Piece	131-1522-00		.367	CS
24-20	Gold Pl Brass	5.5 mΩ	Crimp Style, Reel Form	131-1451-00		.068	CR
28-24	Gold Pl Brass	5.5 mΩ	Crimp Style, Reel Form	131-1279-01		.060	CR



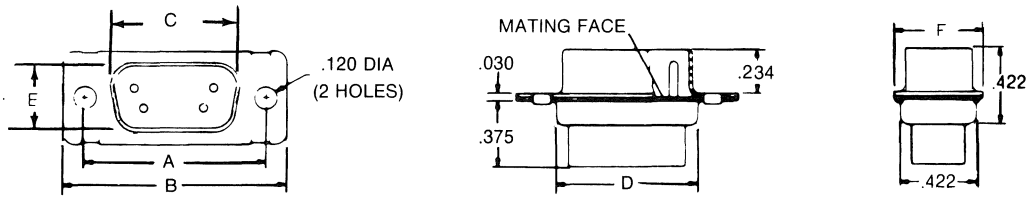
CRIMP STYLE

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> W/Right Angle .025 x .025 contacts.

## RECTANGULAR CONNECTORS (cont) D-SUBMINIATURE SERIES (CRIMP ASSEMBLY) (cont)

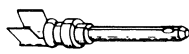
### MALE



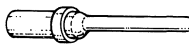
Number of Contacts	Dimensions (Nominal)						Dielectric Withstanding Voltage	Insulation Resistance	Part Number	Codes <sup>a</sup>		
	A	B	C	D	E	F				ND	Cost	ST
9	.984	1.213	.666	.759	.329	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-2012-00		.520	CS
15	1.312	1.541	.944	1.083	.329	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-2913-00		1.310	CS
25	1.852	2.088	1.534	1.625	.329	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-1316-00		.990	CR
37	2.500	2.729	2.182	2.272	.329	.494	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-1413-00		1.390	CR
50	2.406	2.635	2.079	2.178	.436	.605	1000 V Minimum	1.3 x 10 <sup>5</sup> Megohm	131-1277-00		1.680	CS

CONNECTOR BODIES WILL ACCEPT THESE CONTACTS (SIZE 20)

Wire Size (AWG)	Material	Contact Resistance Maximum	Type	Part Number	Codes <sup>a</sup>		
					ND	Cost	ST
18	Gold Pl Copper	5.5 mΩ	Screw Mach, Loose Piece	131-1523-00			OB
24-20	Gold Pl Brass	5.5 mΩ	Crimp Style, Reel Form	131-1450-00		.050	CS
28-24	Gold Pl Brass	5.5 mΩ	Crimp Style, Reel Form	131-1279-00		.038	CS



**CRIMP STYLE**



**SCREW MACHINE**

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**RECTANGULAR CONNECTORS (cont)**  
**D-SUBMINIATURE SERIES (CRIMP ASSEMBLY) (cont)**  
**HD-22 SERIES**

**FEMALE**

Number of Contacts	Dimensions (Nominal)					Special Features	Part Number	Codes <sup>a</sup>		
	A	B	C	D	E			ND	Cost	ST
104	2.500	2.729	2.302	.668	.596	Normally Chassis Mounted. May Be Mounted on End of Cable.	131-1405-00		11.160	CS
<b>CONTACT USED IN PART NUMBER 131-1405-00</b>										
Wire Size (AWG)	Material	Type	Part Number	Codes <sup>a</sup>			 <b>CRIMP STYLE</b>			
				ND	Cost	ST				
22-28 Will Accept (2) 28 AWG	Gold Pl Copper	Crimp Style, Reel Form	131-1407-01		.108	CR				

**MALE**

Number of Contacts	Dimensions (Nominal)							Special Features	Part Number	Codes <sup>a</sup>		
	A	B	C	D	E	F	G			ND	Cost	ST
104	2.500	2.729	.230	.039	2.302	.668	.596	Normally Chassis Mounted. May Be Mounted on End of Cable.	131-1404-00		10.820	CR
<b>CONTACT USED IN PART NUMBER 131-1404-00</b>												
Wire Size (AWG)	Material	Type	Part Number	Codes <sup>a</sup>			 <b>CRIMP STYLE</b>					
				ND	Cost	ST						
22-28	Gold Pl Brass	Crimp Style, Reel Form	131-1406-01		.083	CR						

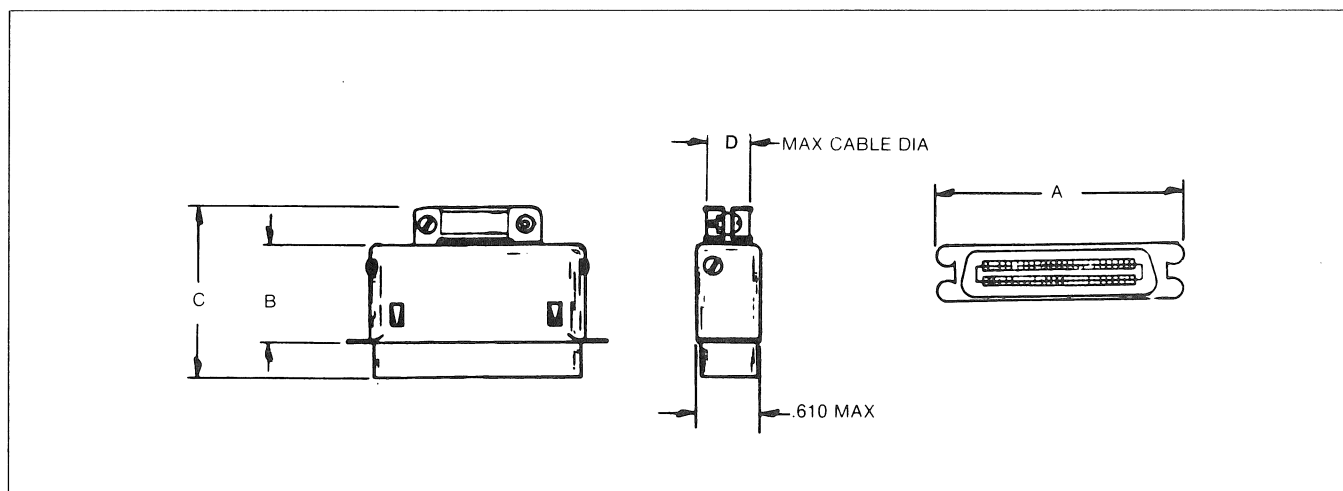
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RECTANGULAR CONNECTORS (cont) D-SUBMINIATURE SERIES HARDWARE

Type	Description	Part Number	Code <sup>a</sup>		
			ND	Cost	ST
Cover	Straight, 9 Pin (Stamped Metal)	200-1170-00		1.000	CR
Cover	Straight, 15 Pin, Cable Exit .350 Maximum Diameter	200-1666-00		1.690	CR
Cover	Straight, 15 Pin, Cable Exit .515 Diameter	200-1666-01		3.284	CR
Cover	Straight, 25 Pin, Cable Exit .335 Maximum Diameter	200-1667-00		1.160	CR
Cover	Straight, 25 Pin, Cable Exit .620 Diameter Threaded	200-1667-01		3.746	CR
Cover	Straight, 25 Pin, Cable Exit .620 Diameter	200-1667-03		2.830	OT
Cover	Straight, 25 Pin	200-1240-00			DL
Cover	Straight, 37 Pin	200-1241-00			DL
Cover	Right Angle, 15 Pin	200-0787-00			OB
Cover	Right Angle, 25 Pin	200-0821-00		1.200	CR
Cover	Right Angle, 37 Pin	200-1152-00		1.200	CR
Cover	37 Pin Cove	200-0660-00		1.150	CR
Gender Changer	3 Amp, 25 Pin, With Grounding Indents	131-4106-00		4.130	CR
Hardware Kit	Includes Sockets with Washers & Nuts	214-3106-00		.900	CR
Hardware Kit	Includes Sockets with Washers & Nuts	214-2816-00		.610	CS
Jackscrew	Female, M Series	213-0432-00		1.180	CR
Jackscrew	Fixed Female, with External Lockwasher & Nut	213-0438-00		.400	CS
Jackscrew	Fixed Female	213-0444-00		.490	CS
Jackscrew	Fixed Male, M Series	213-0488-00		.490	CR
Jackscrew	Turnable Male, M Series	213-0440-00		1.400	CS
Lock	4-40 x .312 Long, Hex Head with Washers & Nut	131-0890-00		.227	CR
Lock	4-40 x .312 Long, Hex Head without Washers & Nut	131-0890-01		.140	CR
Lock Post		131-0976-00		.320	CR
Mounting Bracket	9 Pin D-subminiature	200-3547-00			PP
Sliding Lock	4-40 x .416 Long	131-0975-00			OB
Shield	25 Pin	337-2933-00		11.230	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RECTANGULAR CONNECTORS (cont) 57 SERIES WITH SHELL



### FEMALE

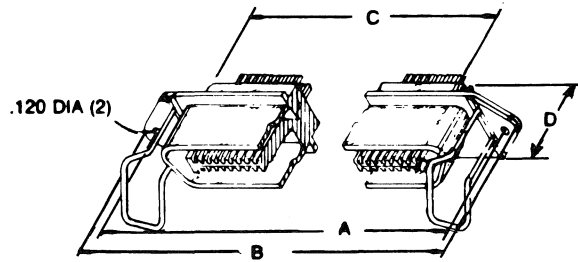
Number of Contacts	Voltage Rating @ Sea Level	Current Rating Per Contact	Dimensions (Nominal)				Special Features	Part Number	Codes <sup>a</sup>		
			A	B	C	D			ND	Cost	ST
36	700 VDC	5 A	2.685	1.305	1.670	.473	Shell Not Keyed	131-0909-00		4.830	CR

### MALE

Number of Contacts	Voltage Rating @ Sea Level	Current Rating Per Contact	Dimensions (Nominal)				Special Features	Part Number	Codes <sup>a</sup>		
			A	B	C	D			ND	Cost	ST
14	700 VDC	5 A	1.495 Max	.843	1.605 Max	.412	Shell Not Keyed	131-0432-00		3.340	CS
24	700 VDC	5 A	1.920	.843		.473	Right Angle	131-2312-00		6.500	CR
24	700 VDC	5 A	1.920	.825		.473	Shell Keyed	131-0325-00		5.679	CR
36	700 VDC	5 A	2.431 Max	.905	1.670 Max	.473	Shell Keyed, Positions A & B	131-0293-01			NP
36	700 VDC	5 A	2.431 Max	.905	1.670 Max	.473	Shell Not Keyed	131-0293-00		2.487	CR
36	700 VDC	5 A	2.431 Max	.905	1.670 Max	.473	Shell Keyed, Positions E & F	131-0293-02		2.487	CR
36	700 VDC	5 A	2.431 Max	.905	1.670 Max	.473	Shell Keyed, Positions K & L	131-0293-03		6.170	CR
36	700 VDC	5 A	2.431 Max	.905	1.670 Max	.473	Shell Keyed, Positions M & N	131-0293-04		4.960	CR
36	700 VDC	5 A	2.431 Max	.905	1.670 Max	.473	Shell Keyed, Positions G & H	131-0293-05		4.960	CS
36	700 VDC	5 A	2.431 Max	.905	1.670 Max	.473	Shell Keyed, Positions C & D	131-0293-06		7.700	CR
36	700 VDC	5 A	2.431 Max	.905	1.670 Max	.473	Shell Keyed, Positions C & D, w/o Clamp	131-0293-07		8.362	CR
50	700 VDC	5 A	2.540	1.000	1.400	.473	Shell Not Keyed	131-0295-00		6.077	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RECTANGULAR CONNECTORS (cont) 57 SERIES (RIBBON CONTACTS)



FEMALE

Number of Contacts	Voltage Rating @ Sea Level	Current Rating Per Contact	Dimensions (Nominal)				Special Features	Part Number	Codes <sup>a</sup>		
			A	B	C	D			ND	Cost	ST
14	700 VDC	3 A	1.417	1.728		.786	Spring Latch, Panel Mount	131-4229-00		3.860	PP
14	700 VDC	5 A	1.417	1.770	.910	.610	Spring Latch	131-3070-00		1.670	CR
14	700 VDC	5 A	1.417	1.770	.910	.610	Spring Latch	131-3283-00	A		DL
24	700 VDC	5 A	1.842	2.175	1.335	.610	Without Floating Bushings	131-0346-01		1.799	CR
24	700 VDC	5 A	1.845	2.175	1.335	.610	Spring Latch	131-0324-00		4.100	CR
24	700 VDC	5 A	1.842	2.175	1.335	.610	Spring Latch	131-0910-00		3.730	CR
24	700 VDC	5 A	1.842	2.175	1.335	.610	.185 Min Dia Mounting Holes, PCB Tails Without Floating Bushing	131-2203-02 <sup>b</sup>	U	2.600	CR
24	700 VDC	5 A	1.842	2.175	1.335	.610	.185 Min Dia Mounting Holes, PCB Tails	131-2203-01	U	4.200	CR
24		3 A	1.842	2.200	1.580	.687	PCB Right Angle, Reverse Orientation	131-3410-00		3.660	CR
24		3 A	1.842	2.200	1.580	.687	PCB Right Angle, Reverse Orientation	131-3822-00		3.660	CR
24		5 A	1.842	2.200	1.580		PCB Right Angle, Standard Orientation	131-3985-00		3.750	CR
24	700 VDC	5 A	1.842	2.175	1.335	.610	Panel Mount With PCB Tails	131-3686-00		3.590	CR
24		5 A	1.842	2.205	1.428	.630	Panel Mount With Stud Receiver, (2) 4-40 UNC-2B	131-3986-00		4.290	CR
24			1.842	2.205	1.428	.630	Panel Mount With Stud Receiver, (2) 6-32 UNC-2B	131-3986-00		4.120	CR
24	700 VDC	5 A	1.842	2.175	1.580	.625	PCB Right Angle, Plastic	131-2542-00		3.240	CR
24	700 VDC	5 A	1.842	2.175	1.335	.610	Floating Bushings	131-0346-00		2.693	CS
24		5 A	1.842	2.380	1.428	.835	Panel Mount With PCB Tails	131-3426-00		4.960	CR
36		5 A	2.352	2.900	1.935	.835	Panel Mount With PCB Tails	131-3427-00		5.720	CR
36	700 VDC	4 A	2.352	2.685	1.926	.600	Insulation Displacement Termination	131-1921-00 <sup>b</sup>	U	1.950	CS
36		3 A	2.352	2.710	2.321	.687	PCB Right Angle	131-3777-00		4.150	CR
36	700 VDC	5 A	2.352	2.715	2.321	.710	Spring Latch, PCB Right Angle	131-32784-00		3.540	CR
36	700 VDC	5 A	2.352	2.685	1.845	.610	Spring Latch, Shell Not Keyed	131-0294-00		2.500	CR
36	700 VDC	5 A	2.352	2.685	1.845	.610	Shell Keyed, Positions A & B	131-0294-01			NP
36	700 VDC	5 A	2.352	2.685	1.845	.610	Shell Keyed, Positions E & F	131-0294-02			NP
36	700 VDC	5 A	2.352	2.685	1.845	.610	Shell Keyed, Positions K & L	131-0294-03			NP
36	700 VDC	5 A	2.352	2.685	1.845	.610	Shell Keyed, Positions M & N	131-0294-04			NP
36	700 VDC	5 A	2.352	2.685	1.845	.610	Shell Keyed, Positions G & H	131-0294-05			NP
36	700 VDC	5 A	2.352	2.685	1.845	.610	Shell Keyed, Positions C & D	131-0294-06			OB
36		5 A					Spring Latch, .215 Long Solder Tails	131-2898-00 <sup>b</sup>	U	2.320	CR
50	700 VDC	5 A	2.947	3.280	2.440	.610	Spring Latch	131-0296-00		4.650	CR

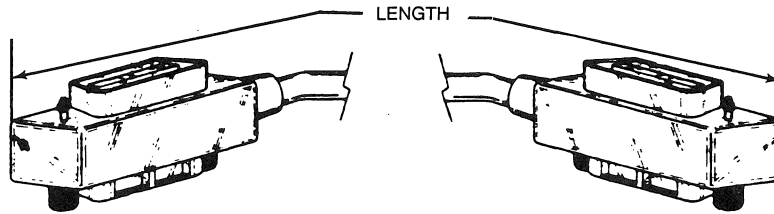
MALE

Number of Contacts	Voltage Rating @ Sea Level	Current Rating Per Contact	Dimensions (Nominal)				Special Features	Part Number	Codes <sup>a</sup>		
			A	B	C	D			ND	Cost	ST
16	750 VDC	5 A	2.024	2.437	1.842	.875	Panel Mount	131-0017-00		4.950	CR
24		1 A	1.842	2.175	1.426	.600	Edge Mount	131-2180-00		3.270	CR
24	750 VDC	5 A	2.704		2.522	.875	Panel Mount	131-0149-00		4.810	CR
24	700 VDC	5 A	1.842	2.175	1.335	.610	Chassis Mount	131-0345-00		2.863	CS
32	750 VDC	5 A	3.384		3.202	.875	Panel Mount	131-0096-00		5.040	CR
36	700 VDC	5 A	2.352	2.685	1.845	.610	Chassis Mount	131-0892-00		4.040	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## RECTANGULAR CONNECTORS (cont) GPIB CABLE



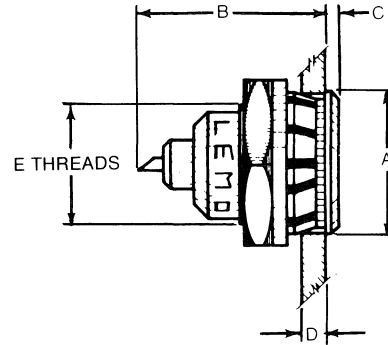
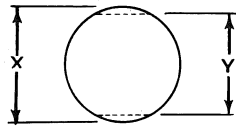
Length	Comments	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
.500 Meter	Single Shield	012-1015-00	N	19.220	CR
1.000 Meter	Single Shield	012-0630-05	N	22.600	CS
1.000 Meter	Double Shield	012-0630-07	N	31.500	CS
1.000 Meter	Double Shield	012-0991-01	A	13.920	CR
2.000 Meter	Single Shield (Special)	012-0809-00	N	40.270	CR
2.000 Meter	Single Shield	012-0630-01	N	22.630	CR
2.000 Meter	Double Shield	012-0630-03	N	32.140	CR
2.000 Meter	Double Shield	012-0991-00	A	61.200	CR
4.000 Meter	Single Shield	012-0630-02	N		NP
4.000 Meter	Double Shield	012-0630-04	N	47.000	OT
4.000 Meter	Double Shield	012-0991-02	A	51.480	CR

214-3312-00: Hardware Kit for GPIB system: Jack Socket. Set consists of two posts, lockwashers & nuts.

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## CIRCULAR CONNECTORS "LEMO" TYPE - RECEPTACLE

MOUNTING HOLE



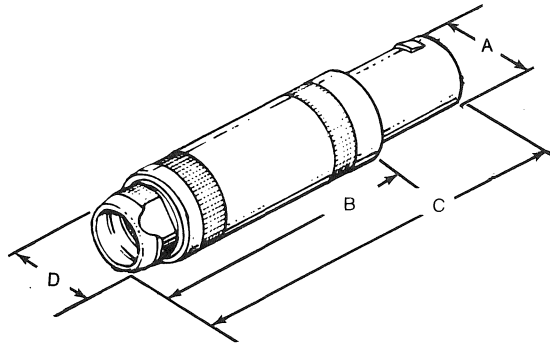
Number of Contacts	AWG Wire Size	Voltage Rating	Current Rating Per Contact	Mounting Hole (Metric)		Dimensions (Metric)					Part Number	Codes <sup>a</sup>		
				X	Y	A	B	C	D	E		ND	Cost	ST
1 Male 1 Female 1 Female	26	500 V Contact to Ground	1 A	7.1 to 7.2		8.000	6.985	9.000	1.575		131-1605-00		2.900	CR
		500 V Contact to Ground	2 A	7.1 to 7.2		8.000	14.478	1.016	5.334		131-1604-00		2.590	CR
		500 V Contact to Ground	1 A	7.0		8.000	14.000	1.000	4.500		131-1656-00		2.000	CS
2 Female				15.1	13.6	18.000	24.700	1.800	8.500	15 x 1	131-2449-00 <sup>b</sup>	U	18.560	CR
1 Male, 1 Female	24	500 V Contact to Contact 1000 V Contact to Ground	2 A	9.0	8.4	9.982	18.288	1.194	4.775		131-1652-00		2.950	CR
1 Male, 2 Female	22	500 V Contact to Contact 900 V Contact to Ground	2 A	12.2		14.000	20.500	1.500	5.000	12 x 1	131-1713-00			OB
2 Male, 2 Female	24	400 V Contact to Contact 700 V Contact to Ground	2 A	12.2	10.6	14.000	20.500	1.500	5.000	12 x 1	131-1011-00		7.830	CR
2 Male, 2 Female	26	400 V Contact to Contact 500 V Contact to Ground	1 A	9.2	8.3	10.000	16.500	1.200	6.500	9 x .6	131-0771-00 <sup>b</sup>	A	.325	CR
3 Male, 3 Female		300 V Contact to Contact 600 V Contact to Ground	1 A	12.2	10.6	14.000	20.500	1.500	5.000	12 x 1	131-4042-00			EN
3 Male, 3 Female	26	300 V Contact to Contact 600 V Contact to Ground	1 A	12.2	10.6	14.000	20.500	1.500	5.000	12 x 1	131-1471-00		8.060	CR
3 Male, 3 Female	20	500 V Contact to Contact 700 V Contact to Ground	4 A	15.2	13.6	18.000	23.200	1.500	5.500	15 x 1	131-1066-00		1.340	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.



## CIRCULAR CONNECTORS "LEMO" TYPE - PLUG



Number of Contacts	AWG Wire Size	Voltage Rating	Current Rating Per Contact	Dimensions (Metric)				Part Number	Codes <sup>a</sup>		
				A	B	C	D		ND	Cost	ST
1 Male, 1 Female	24	500 Contact to Contact 1000 Contact to Ground	2 A	9.000	24.500	34.500	4.200	131-1653-00		9.240	CR
2 Male, 2 Female	26	400 Contact to Contact 500 Contact to Ground	1 A	9.000	24.500	34.500	4.200	131-0778-00		4.430	CR
2 Male, 2 Female	24	400 Contact to Contact 700 Contact to Ground	2 A	12.000	31.500	42.500	6.200	131-1012-00		12.070	CR
2 Male, 2 Female	26	400 Contact to Contact 500 Contact to Ground	1 A	9.000		33.500	4.200	131-0911-00		10.110	CS
3 Male, 3 Female	26	300 Contact to Contact 600 Contact to Ground	1 A	12.000	31.500	42.500	6.200	131-1794-00		5.680	CR
3 Male, 3 Female	20	500 Contact to Contact 700 Contact to Ground	4 A	12.000	31.500	42.500	6.200	131-1065-00		19.100	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## CIRCULAR CONNECTORS (cont) MULTIPIN - RECEPTACLE

Number of Contacts	AWG Wire Size	Voltage Rating	Current Rating	Thread Size	Special Features	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
2 Female		600 V RMS	7. A		Bayonet Locking	131-4308-00			EN
3 Male						131-3207-00		1.580	CR
3 Male	14	250 V	5. A	Not Threaded	Finger Grip, Flange Mount	131-0014-00		1.830	CR
3 Male	14	1700 V	15. A	.875-6 Acme	Quick-disconnect, Flange Mount	131-1460-00			OB
3 Male	24	1200 V RMS	3. A	.250-28	With Hood	131-0716-00		3.250	CS
3 Male		1000 V RMS	15. A		Right Angle, Circuit Board Mount, With Polarizing Slot	131-3987-00		1.910	CR
3 Female	24	1200 V ac	3. A		Solder-well Contacts	131-0717-00		3.810	CR
3 Female						131-3208-00		2.580	CR
3 Female				.354	Snap Lock w/Index Mark	131-0438-01		8.900	CS
3 Female		1400 V RMS	10. A		Audi Type XLR, Horizontal Circuit Board Mount	131-3632-00		1.200	CR
4 Female		2000 V RMS	3. A	.438-32	Solder-well Contacts	131-0206-00		17.800	CS
5 Female	16	200 V ac	22. A	.875-20	Olive Drab Color, Flange Mount	131-1378-00			OB
6 Female	16	200 V RMS	22. A	.875-20	Olive Drab Color, Flange Mount	131-1644-00			OB
6 Female	16	250 V dc	22. A	.875-20	Olive Drab Color, Flange Mount	131-1375-00			OB
6 Female		700 V dc	7.5 A			131-0609-01			OB
7 Female	20	130 V RMS	3. A	Not Threaded	DIN Miniature	131-2784-00			OB
8 Female	20	1500 V ac	7.5 A	Not Threaded	Olive Drab Color, Flange Mount	131-2111-00			DL
10 Female	16	500 V ac	5. A	Not Threaded	Olive Drab Color, Flange Mount	131-0299-00		10.100	CS
10 Female	20	1500 V ac	7.5 A	Not Threaded	Olive Drab Color, Flange Mount	131-2112-00			OB
12 Male	18-24		7.5 A	.813-20	Mates w/131-0526-00, Lockwasher-nut	131-0509-00			OB
16 Male	16	2800 V ac	22. A	1.375-18 UNEF	Accepts Crimp Style Contacts	131-1255-00		89.580	CR
20		1800 V RMS	8.5 A	Not Threaded	Fork Type, Dual Purpose Contact Tails	131-1122-00			OB
28 Male	20-24	1200 V RMS	7.5 A		Accepts #20 Crimp Style Contacts, Flange Mount	131-1449-00		3.280	CS
41 Female	16-24	600 V RMS	7.5 A	Not Threaded	Olive Drab Color, Flange Mount	131-1671-00	U	31.900	CR
63 Male	20-24	1200 V RMS	7.5 A		Accepts #20 Crimp Style Contacts, Flange Mount	204-0680-00		1.720	CS
82 Pin ZIF		1200 V ac	5 A		Circuit Board Mount	131-3797-00		25.500	CR

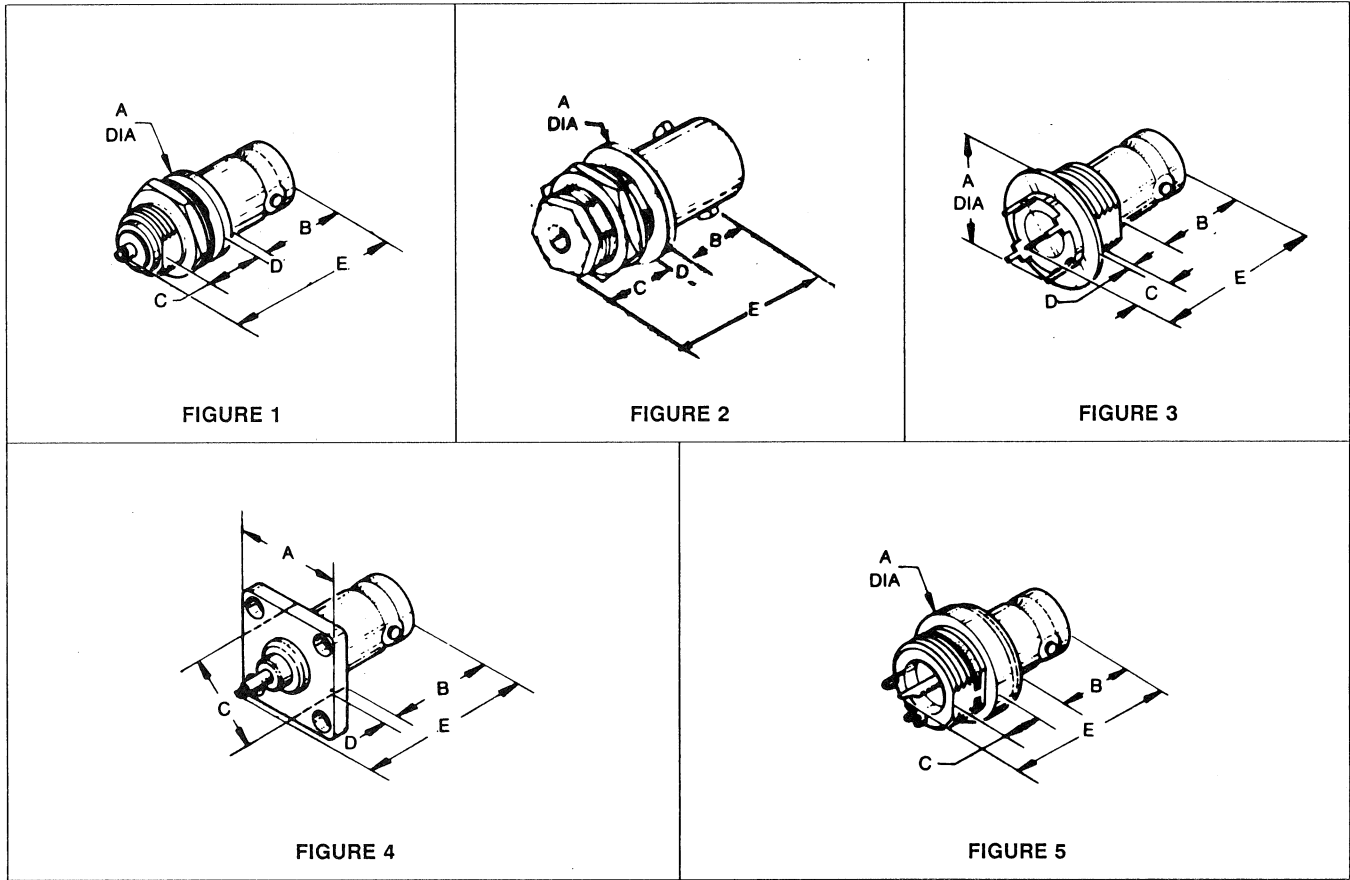
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## CIRCULAR CONNECTORS (cont) MULTIPIN - PLUG

Number of Contacts	AWG Wire Size	Voltage Rating	Current Rating	Thread Size	Special Features	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
2 Male		600 V RMS	7. A		Bayonet Locking	131-4309-00			EN
2 Female		730 V RMS	7.5 A	Not Threaded	"Jones Type", Chassis Mount, UL Approved	131-1059-00			OB
2 Female		730 V RMS	7.5 A	Not Threaded	"Jones Type", Cable Mount, UL Approved	131-1058-00		.670	CS
2 Male		730 V RMS	7.5 A	Not Threaded	"Jones Type", Cable Mount, UL Approved	131-1060-00			OB
3 Female				Not Threaded	Snap Lock	131-0439-02		11.100	CS
3 Male				Not Threaded	Snap Lock	131-0440-02		11.360	CS
4 Male					With Cable Relief	131-3180-00		2.450	CR
4 Male		2000 V RMS	7.5 A	Not Threaded	Miniature Straight Plug	131-0268-00		20.220	CR
4 Male	20	500 V RMS	7.5 A	Not Threaded	With Hood and Strain Relief	131-2653-00		2.790	CR
4 Female		600 V RMS	3. A	Not Threaded	"Microphone Connector"	131-1637-00			OB
6 Male		1250 V ac	5. A	.625-6		131-0426-00		27.000	CS
7 Female	18-24		7.5 A	Not Threaded	With Lanyard	131-0551-00			OB
9 Male	20	500 V RMS	7.5 A		Miniature Straight Plug, .165-Series	134-0049-00		10.730	CR
10 Male	20	1500 V	7.5 A	.688-24	Solder Well Contacts	131-0300-00		12.400	CS
12 Male	20	500 V RMS	7.5 A		Quick-disconnect Bayonet Mating	131-1854-00		13.320	CR
16 Female	16	900 V RMS	13. A	Not Threaded	Miniature, "SE" Series	131-2080-00		70.860	CR
19 Female	16	1300 V RMS	10. A	Not Threaded	Quick-disconnect, Acme Thread Mating	131-1626-00			DL
28 Female	20-24	1200 V RMS	7.5 A		Accepts #20 Crimp Style Contact	131-1448-00		4.010	CS
63 Female	20-24	1200 V RMS	7.5 A		Accepts #20 Crimp Style Contact	204-0679-00		3.890	CS

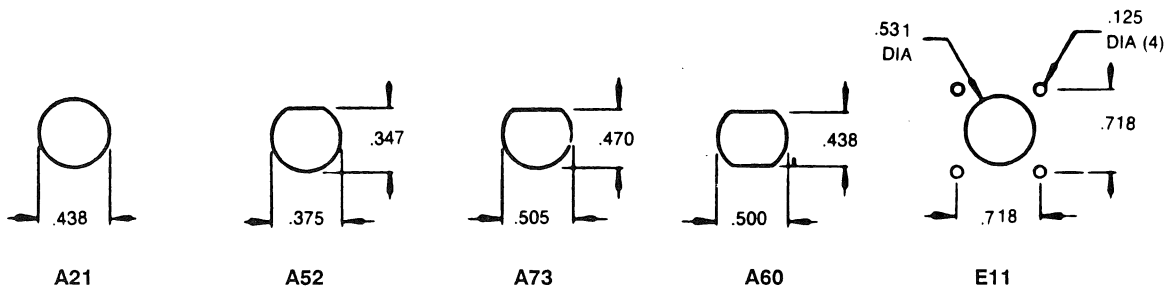
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RF CONNECTORS FEMALE BNC



### MOUNTING HOLE DETAIL

These details are copied from Tek Standards.  
A complete listing of mounting hole details is published in the Tek Standard 062-1732-01.



## RF CONNECTORS (cont) FEMALE BNC<sup>a</sup>

### SOLDER-CUP TAIL: D HOLE MOUNT

Dimensions					Mounting Threads	Mounting Detail	Fig	Special Features	Part Number	Codes <sup>b</sup>		
A	B	C	D	E						ND	Cost	ST
.625	.520	.328	.046	1.143	.500-28 w/2D	A 60	1		131-0126-00		.850	CR
.625	.430	.188		1.062	.500-28 w/D	A 73	1	Safety Controlled	131-3731-00		2.150	CR
.625	.460	.375	.056	1.060	.500-28 w/2D	A 60	5		131-0768-00		5.250	CR
.625	.520	.313	.046	1.063	.500-28 w/D Flat	A 73	1	Insulated Ground, 2 Terminals	131-0274-00		1.830	CR
.562	.498	.424	.096	1.298	.375-32 w/2D	A 60	1	"O"-Ring Pressure Seal	131-0264-00	U	1.350	CR
.562	.781	.071	.046	1.062	.500-28 w/D Flat	A 73	1		131-1910-00		1.080	CR
.562	.781	.071		1.062	.500-28 w/D Flat	A 73	1		131-1910-01		.870	CR
.500	.426	.373	.046	.957	.375-32 w/D Flat	A 52	1		131-0342-00		.873	CR
.500	.426	.373	.046	.955	.375-32 w/D Flat	A 52	1		131-0342-01			OB
.500	.426	.328	.046	1.062	.375-32 w/D Flat	A 52	1		131-0106-00		.690	CR
.500	.450	.328	.046	1.062	.375-32 w/D Flat	A 52	1		131-0106-01		1.150	CR
.500	.450	.383	.125	1.151	.375-32 w/D Flat	A 52	1		131-0352-01		1.270	CR
.500	.500	.333	.125	1.151	.375-32 w/D Flat	A 52	1		131-0352-02		.980	CR
.500	.520	.453	.046	1.283	.375-32 w/D Flat	A 52	1		131-0352-00		1.180	CS
.500	.520	.378	.053	1.031	.375-32 w/D Flat	A 52	1		131-0955-01		1.125	CR
.500	.520	.494	.053	1.057	.375-32 w/D Flat	A 52	1		131-0995-03 <sup>c</sup>		.610	CR
.500	.520	.333	.053	1.062	.375-32 w/D Flat	A 52	1	Use 342-0117-00 for Insulating Ground	131-0955-00 <sup>c</sup>	A	.610	CR
.500	.520	.333	.053	1.062	.375-32 w/2D	A 60	1		131-0103-00		3.770	CR
.500	.520	.285	.053	1.057	.375-32 w/D Flat	A 52	1		131-2998-00	U	2.320	CR
.500	.524	.290	.057	.936	.375-28 w/D Flat	A 52	1		131-0106-02		.840	CR

### CABLE-END: D HOLE MOUNT

Dimensions					Mounting Threads	Mounting Detail	Fig	Special Features	Part Number	Codes <sup>b</sup>		
A	B	C	D	E						ND	Cost	ST
.687		.250		1.015	.250-28		2	For .141 Semi-rigid Cable	131-2659-00			DL
.630		.241		1.550	.500 w/D Flat	A 53A	2	Crimp Contact	131-2359-00		6.430	CR
.625	.471	.280	.046	.972	.500-28 w/D Flat	A 73	2	Retaining Nut .095 ID	131-0276-00			DL
.625	.469	.275	.046	1.094	.500-28 w/D Flat	A 73	2	Retaining Nut .125 ID	131-0390-00		4.480	CR
.500	.520	.275	.046	1.720	.375-32 w/D Flat	A 52	2	Braid-grip Slave for Submin 50 Ω Cable	131-0818-00		13.200	CR
.500	.520	.275	.046	1.075	.375-32 w/D Flat	A 52	2	Braid-grip Slave for RG-58 Cable	131-0889-00		2.790	CR
.500	.520	.230	.046	.906	.375-32 w/D Flat	A 52	2	For .086 Semi-rigid Cable	131-1124-00		3.540	CR

### SPECIAL

Dimensions					Mounting Threads	Mounting Detail	Fig	Special Features	Part Number	Codes <sup>b</sup>		
A	B	C	D	E						ND	Cost	ST
.700	.820	.440	.140	1.260			5	With Integral Grounding Lug	131-4213-00			EN
.688	.905	.250	.045	1.155	.500-28 w/D Flat			Circuit Board Mounting	131-3217-00		2.260	CR
.688	.530	.250	.046	1.025	.500-28, no Flat		3	Circuit Board Mounting Terminals, 50 Ω	131-2010-00		12.950	CR
.688	.525	.230	.045	1.031	.500-28 w/D Flat	A 53A	3	Circuit Board Mounting Terminals, 50 Ω	131-1727-00		1.970	CR
.688	.525	.250	.045	1.025	.500-28 w/D Flat	A 73	3	Circuit Board Mounting Terminals, 75 Ω	131-1691-00		2.530	CR
.688	.525	.250	.045	1.030	.500-28 w/D Flat	A 73	3	Circuit Board Mounting Terminals, 50 Ω	131-1097-00		2.160	CR
.688	.525	.250	.045	1.030	.500-28 w/D Flat		3	Circuit Board Mounting Terminals, 50 Ω	131-3600-00		3.500	CR
.625	.461	.375	.106	1.312	.500-28 w/2D	A 60	3	BNC to SMA Adaptor	131-2038-00		4.540	CR
.500	.520	.366	.056	.942	.375-32 w/D Flat	A 52	1	Accepts Peltola Connector	131-1315-01 <sup>c</sup>		1.650	CR
.500	.520	.333	.040	1.114	.375-32 w/D Flat	A 52	1	75 Ω	131-1689-00			DL
.500	.425	.156	.172	.812	.438-38, No Flat	A 21	3	Locating Slot in Flange, Recessed Tail	131-0318-00		2.750	CR
					.438-28 w/D Flat			Right Angle Circuit Board Mount	131-3240-00			DL
.500	.425	.259		1.625	.468-32 w/No Flat		3	w/Soldertail				
								Circuit Board Mount	131-2833-00 <sup>c</sup>		2.650	CR

<sup>a</sup> BNC's should only be used from DC-10 GHz in static applications. In vibration environments they are limited to DC-4 GHz.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>c</sup> Safety controlled.

## RF CONNECTORS (cont)

### FEMALE BNC<sup>a</sup> (cont)

#### FLANGED

Dimensions					Mounting Threads	Mounting Detail	Fig	Special Features	Part Number	Codes <sup>b</sup>		
A	B	C	D	E						ND	Cost	ST
1.000	.719	.750	.080	1.031	2 Mounting Holes	E 11	4	ID of (2) Mounting Holes .125	131-0278-00	10.490	CR	
1.000	.719		.080	1.031	4 Mounting Holes		4	ID of (4) Mounting Holes .125	131-0277-00			OB
1.000	.719	.750	.080	1.031	2 Mounting Holes		4	ID of (2) Mounting Holes .191	131-0279-00			OB
.688	.625		.093	1.062	4 Mounting Holes		4	(4) 4-20 Threaded Mounting Holes	131-0429-00			OB

#### 3-CONDUCTOR: (READOUT-CIRCUIT SENSING)

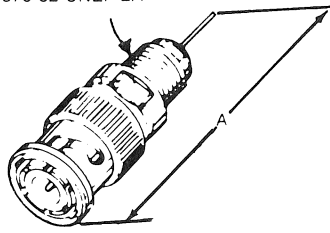
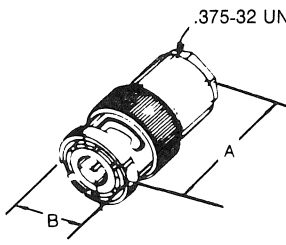
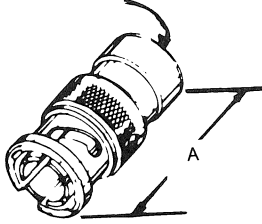
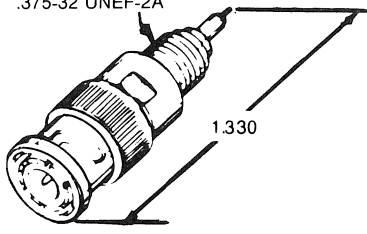
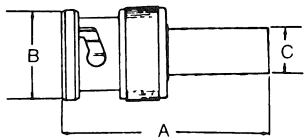
Dimensions					Mounting Threads	Mounting Detail	Fig	Special Features	Part Number	Codes <sup>b</sup>		
A	B	C	D	E						ND	Cost	ST
.625	.461	.190	.192	1.062	.500-28 w/D Flat	A 73	1	500 V RMS	131-0679-01		2.700	CS
.625	.461	.276	.192	1.062	.500-28 w/D Flat	A 73	1	500 V RMS	131-0679-02 <sup>c</sup>		2.2040	CR
.595	.516	.352	.056	.924	.500-28 w/2D	A 60	3	Rear Accepts Peltola Connector	131-1171-00 <sup>c</sup>		4.390	CR

<sup>a</sup> BNC's should only be used from DC-10 GHz in static applications. In vibration environments they are limited to DC-4 GHz.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>c</sup> Safety controlled.

## RF CONNECTORS (cont) MALE BNC<sup>a</sup> 50 OHM IMPEDANCE

.375-32 UNEF-2A						.375-32 UNEF-2A					
											
Part Number	Other	Dimensions		Codes <sup>b</sup>		Part Number	Other	Dimensions		Codes <sup>b</sup>	
		A		ND	Cost			ST	A	B	ND
131-0602-00 131-2004-00		1.555 1.557			2.230 10.200	CR CR	131-0392-00		1.000 .562		3.200 CR
.438-28 UNEF THREAD						.375-32 UNEF-2A					
											
Without Male Center Contact & Insulator											
Part Number	Other	Dimension	Codes <sup>b</sup>			Part Number	Other	Codes <sup>b</sup>			
		A	ND	Cost	ST			ND	Cost	ST	
131-1778-00 131-1778-03		.878 .881		2.040	CR DL	131-1847-00	Special Ground Plane Termination For ECB Mounting	U	2.000	CR	
											
Voltage Rating	Cable Size	Dimensions			Other	Part Number	Codes <sup>b</sup>				
		A	B	C			ND	Cost	ST		
500. V	RG/U 58, 141, 303	1.109	.562	.206	Crimp Style	131-0442-00		.660	CR		
500. V	Belden 8281	1.100	.560		Crimp Style	131-0770-00		1.920	CR		
500. V	RG/U 174, 188	1.230	.593 Max	.115	Crimp Style	131-0297-01		1.370	CR		
500. V	RG55U, 142, 223U	1.325	.216 Max	.116 Max	Crimp Style	131-1519-00		2.040	CR		
500. V	RG55, 58, 223U	1.156	.562	.219	Crimp Style	131-0125-00		2.430	CR		
500. V	RG 59, 62, 210	1.100	.560		Crimp Style	131-0445-00		.900	CR		
500. V	.141 Semi-rigid Cable	.850	.560	.145	Crimp Style	131-2658-00		16.265	CR		
500. V	Belden 9248	1.045	.500		75 Ω Impedance	131-2845-00			DL		

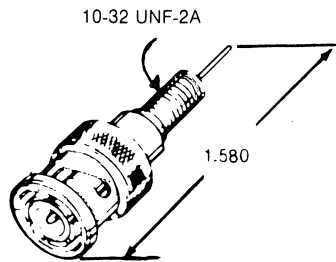
<sup>a</sup> BNC's should only be used from DC-10 GHz in static applications. In vibration environments they are limited to DC-4 GHz.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RF CONNECTORS (cont)

MALE BNC<sup>a</sup> (cont)

50 OHM IMPEDANCE (cont)



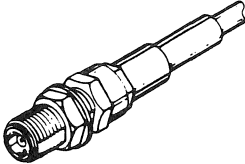
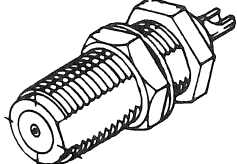
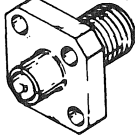
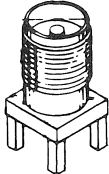
COST:<sup>b</sup> 2.000      131-1071-00  
STATUS CODE:<sup>b</sup> CR      ND CODE:<sup>b</sup>

<sup>a</sup> BNC's should only be used from DC-10 GHz in static applications. In vibration environments they are limited to DC-4 GHz.

<sup>b</sup> The nominal price (at time of printing) is listed as the cost. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



## RF CONNECTORS (cont) SMA JACKS

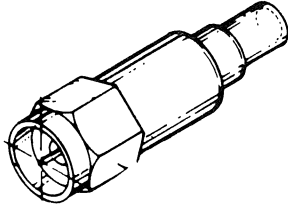
			
CABLED	BULKHEAD MOUNT	PANEL MOUNT	CIRCUIT BOARD MOUNT

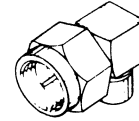
Type	Termination Style	Comments	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
Bulkhead Mount		Jack, Hermetic Feedthrough	131-3938-00		10.080	PP
Bulkhead Mount		Jack to Jack, Feedthrough w/Hardware	131-0850-00		6.750	CR
Bulkhead Mount		Jack to Jack, Feedthrough	131-2343-00		4.500	CR
Bulkhead Mount	.020 Diameter Tail		131-1924-00		2.450	CR
Bulkhead Mount	Solder		131-1803-00	U	4.090	CR
Bulkhead Mount		Jack to Jack, Feedthrough w/Hardware	131-1470-00		8.610	CR
Bulkhead Mount	.050 Diameter Tail	Feedthrough, No Solder Pot	131-1803-02	U	2.620	CR
Cabled	Solder	Accepts .085 Semi-rigid Cable	131-1828-00		4.890	CR
Cabled	Solder	Accepts .141 Semi-rigid Cable	131-1903-00		3.890	CR
Cabled Bulkhead Mount	Solder	Accepts .086 Semi-rigid Cable	131-1853-00		4.530	CR
Cabled Bulkhead Mount	Solder	Accepts .144 Semi-rigid Cable	131-2117-00	U	7.450	CR
Cabled Bulkhead Mount	Crimp	Accepts RG-174, 188, & 316 Cables	131-2136-00		3.770	CR
Cabled Bulkhead Mount	Solder	Accepts .141 Semi-rigid Cable	131-1804-00		8.000	CR
Circuit Board Mount	P. C. Tail		131-0663-00		2.240	CR
Circuit Board Mount	P. C. Tail		131-1536-00		7.150	CS
Panel Mount	.050 Tab	Strip Line Launcher	131-2017-00		1.450	CR
Panel Mount	Solder	With Three Ground Legs, Accepts .141 Semi-rigid Cable	131-1904-00			OB
Panel Mount	Solder	Right Angle	131-1905-00			OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RF CONNECTORS (cont) SMA PLUGS



CABLED STRAIGHT

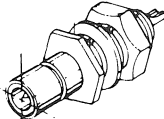
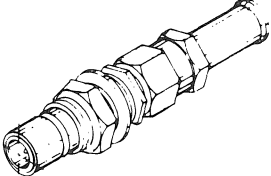
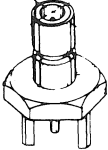


CABLED RIGHT ANGLE

Type	Termination Style	Comments	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
Cabled, Straight	Solder	Accepts .141 Semi-rigid Cable	131-0774-00		.950	CR
Cabled, Straight	Solder	Accepts .085 Semi-rigid Cable	131-1121-00			NP
Cabled, Straight	Solder	Accepts .086 Semi-rigid Cable	131-1121-01		.890	CR
Cabled, Straight	Crimp	Accepts RG-55, 142 & 223 Cables	131-1827-00		2.940	CR
Cabled, Right Angle	Solder	Accepts .141 Semi-rigid Cable	131-2023-00		2.210	CR
Cabled, Right Angle	Crimp	Accepts RG-174, 188 & 316 Cables	131-0977-00		2.210	CR
Cabled	Crimp	Accepts RG-316 Cable	131-0888-00		5.440	CR
Cabled, Bulkhead Mount	Crimp	Accepts RG-188 Cable	131-0788-00		1.950	CS
Circuit Board Mount	P. C. Tail	Right Angle	131-1083-00		6.860	CR
Circuit Board Mount	P. C. Tail	Right Angle	131-2815-00		7.050	CS

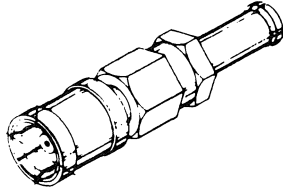
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RF CONNECTORS (cont) SMB JACKS

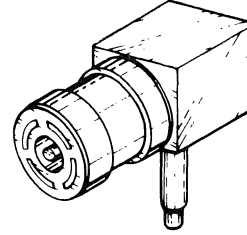
 BULKHEAD MOUNT		 CABLED BULKHEAD MOUNT		 CIRCUIT BOARD MOUNT		
Type	Termination Style	Comments	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
Bulkhead Mount	Solder	Straight	131-0156-00		.830	CR
Bulkhead Mount	Solder	Straight	131-0372-00		.920	CR
Bulkhead Mount	Solder	Straight	131-0548-00		2,010	CR
Bulkhead Mount	Wire Tail	Straight	131-0938-00		2,260	CR
Bulkhead Mount	Solder	Straight	131-1170-00		.900	CR
Bulkhead Mount	Solder	Straight, Double D-Hole	131-0282-00		9,230	CR
Bulkhead Mount		Straight	131-0156-01		1,135	CS
Cabled Bulkhead Mount	Crimp	Accepts RG-161, 174, 179, 187, 188 & 316	131-0450-00		2,170	CR
Cabled Bulkhead Mount	Crimp	Straight Snap-on, Accepts .085 Semi Rigid Cable	131-2419-00	U	16,330	CR
Circuit Board Mount	P. C. Tail	Right Angle	131-0265-00		1,690	CR
Circuit Board Mount	P. C. Tail	Straight Snap-on	131-0391-00		.890	CR
Circuit Board Mount	Wire Tail	Straight	131-0391-01		1,280	CR
Circuit Board Mount	P. C. Tail		131-0951-00		3,000	CR
Circuit Board Mount	P. C. Tail	Straight	131-1729-00		1,640	CR
Circuit Board Mount	P. C. Tail	Right Angle	131-1841-00	U	2,880	CR
Circuit Board Mount	P. C. Tail	Right Angle	131-3846-00		4,370	PP
Circuit Board Mount	P. C. Tail	Right Angle, Snap Coupling	131-1931-00		7,940	CR
Circuit Board Mount	P. C. Tail	Straight, 75 Ω	131-0754-00			OB
Rear Bulkhead Mount	Solder	Straight	131-0951-01		1,740	CR
Knurled Bulkhead Mount	Wire Tail	Right Angle, Wire Tail .094 Long	131-1972-00		2,870	CR
Knurled Bulkhead Mount	Wire Tail	Right Angle, Wire Tail .235 Long	131-1972-01		3,300	CR
Knurled Bulkhead Mount	Wire Tail	Straight	131-1971-00		1,380	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RF CONNECTORS (cont) SMB PLUGS



CABLED STRAIGHT



CABLED RIGHT ANGLE

Type	Termination Style	Comments	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
Cabled, Straight	Screw Clamp	Accepts RG-174 & 188 Cables	131-0298-00		1.950	CR
Cabled, Straight	Screw Clamp	Accepts RG-196 Cable	131-0405-00		2.140	CR
Cabled, Straight	Crimp	Accepts RG-161, 174, 179, 187 & 316 Cables	131-1564-00		1.610	CR
Cabled, Straight	Crimp	With .137 ID Ferrule	131-1564-01		1.900	CR
Cabled, Right Angle	Crimp	Accepts RG-174 & 188 Cables	131-0375-00		2.375	CR
Cabled, Right Angle	Crimp	Accepts RG-58 Cable	131-0394-00		4.590	CR
Cabled, Right Angle	Crimp	Accepts RG-58 Cable	131-0989-00		6.260	CR
Cabled, Right Angle	Crimp	Accepts RG-180 & 195 Cables	131-0753-00			OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

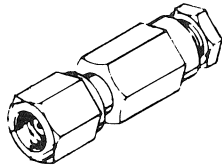
## RF CONNECTORS (cont) SMC JACKS



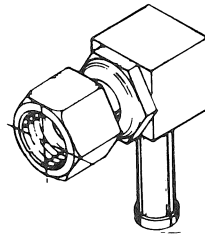
BULKHEAD MOUNT

Type	Termination Style	Comments	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
Bulkhead Mount	Wire Tail		131-1505-00	U	6.840	CR

## SMC PLUGS



CABLED STRAIGHT



CABLED RIGHT ANGLE

Type	Termination Style	Comments	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
Cabled, Straight	Screw Clamp	Accepts .086 Semi-rigid Cable	131-1186-00		4.510	CS
Cabled, Right Angle	Screw Clamp	Accepts .086 Semi-rigid Cable	131-1185-00		3.000	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## RF CONNECTORS (cont) MISCELLANEOUS

Type	Style	Impedance	Comments	Part Number	Codes <sup>a</sup>			
					ND	Cost	ST	
Adaptor	Crimp		Panel Mount, 3 Female to 3 Female	103-0244-00		17.650	CS	
Adaptor			SMA Jack to Special End Configuration	131-1082-00		3.470	CR	
Adaptor			Panel Mount, 2 Female to 2 Female	103-0243-00		10.240	CS	
Adaptor			Jack to Jack	015-1012-00		3.870	CR	
Adaptor			Jack to Jack	103-0098-00		2.760	CR	
Adaptor			BNC Jack to SMB Jack	103-0180-00		11.500	CR	
Adaptor			Probe to BNC	013-0084-02		4.690	CR	
Adaptor			Bulkhead Mount, Plug to Plug	103-0234-00		2.340	CR	
Adaptor			BNC Right Angle Male to Female	103-0031-00		2.450	CR	
Adaptor			Series N Male to Series BNC Female	103-0045-00		1.966	CR	
Adaptor			50 Ω SMA Jack to Jack w/Mounting Hardware	131-1082-02		4.920	CR	
Adaptor			50 Ω Slide On Panel Mount, Jack to Jack	103-0146-00		2.080	CS	
Adaptor			50 Ω Panel Mount	131-0007-00			OB	
Adaptor			50 Ω SMA Jack to Special End Configuration	131-0631-00			NP	
Adaptor			50 Ω SMA Jack to Special End Configuration	131-0631-01		4.250	CR	
Adaptor			50 Ω SMA Plug to APC-7	015-1010-00		58.300	CS	
Adaptor			50 Ω Type N Plug to SMA Plug	015-0369-00		21.280	CR	
Adaptor			50 Ω Type GRA-874 to 3 mm Male SMA	015-1007-00		61.940	CR	
Adaptor			50 Ω Series SMA Male to Series SMA Male	015-1011-00		6.680	CR	
Adaptor			50 Ω BNC Male to BNC Male	103-0029-00		3.500	CR	
Adaptor			50 Ω BNC Male to Binding Post	103-0033-00		1.940	CR	
Adaptor			50 Ω BNC Male to Dual Binding Post	103-0035-00		5.550	CR	
Adaptor		50 Ω Series SMA Coaxial Jack to Peltola Jack	103-0269-00		2.310	PP		
Adaptor		50 Ω BNC Female to F Male	103-0278-00		6.250	CR		
Attenuator		50 Ω	BNC 20 dB	011-0059-02		12.000	CR	
Cabled Bulkhead Mount	Crimp	50 Ω	Slide On, Accepts RG-55, 142 & 223 Cables	131-2638-00		7.000	CR	
Cabled Bulkhead Mount	Crimp	50 Ω	Slide On, Accepts RG-161, 174, 179, 187, 188 & 316 Cables	131-1161-00		2.050	CR	
Cabled Bulkhead Mount	Crimp	50 Ω	Slide On, Accepts RG-174 & 188 Cables	131-0461-00		5.600	CS	
Circuit Board Mount	P.C. Tail	50 Ω	Right Angle, P.C. Term. for RG-161,174,179,187,188 & 316 Cables	131-0582-00		1.620	CR	
Circuit Board Mount	Crimp	50 Ω		131-0451-00		2.970	CR	
Circuit Board Mount	P.C. Tail	50 Ω		131-1321-00	U	4.150	CR	
Circuit Board Mount		50 Ω		BNC Female	131-3721-00		2.620	CR
Circuit Board Mount		50 Ω		BNC Female Right Angle Without Flanges & Mounting Posts	131-3635-00		1.930	PP
Circuit Board Mount		50 Ω		BNC Female	131-3739-00		1.280	CR
Circuit Board Mount		50 Ω		Vertical Snap-on	131-4171-00		5.570	CR
Circuit Board Mount		50 Ω		BNC Female Without Flanges & Mounting Posts	131-3636-00		1.850	CR
Circuit Board Mount		50 Ω		BNC Female Right Angle Without Mounting Posts	131-4149-00		1.420	PP
Circuit Board or Panel Mount		50 Ω		BNC Female Right Angle	131-3608-00		4.470	CR
Network		50 to 75 Ω, 1/2 W	BNC Feedthrough	011-0057-01		9.000	CR	
Network		50 to 93 Ω, 1/2 W	BNC Feedthrough	011-0058-01		15.000	CR	
Panel Mount		50 Ω	BNC Female	131-3376-00		2.630	CR	
Panel Mount		50 Ω	BNC Female To Peltola Female	131-3540-00		3.460	CR	
Panel Mount		50 Ω	BNC, Locking, Male Contact	131-0319-00		6.450	CR	
Panel Mount		50 Ω	N Series, Accepts .141 Semi-rigid Cable	131-2293-00		13.920	CR	
Panel Mount		50 Ω	TNC Series, Accepts .141 Semi-rigid Cable	131-2292-00		11.700	CR	
Panel Mount		50 Ω	TNC Series, Accepts .141 Semi-rigid Cable	131-2608-00		7.590	CR	
Panel Mount		50 Ω	N Series, Accepts .141 Semi-rigid Cable	131-2609-00		14.070	CR	
Panel Mount		50 Ω	N SMA Jack To N Series Female	131-4025-00		16.670	CR	
Short Circuit			SMA Plug	015-1020-00		9.250	CR	
Short Circuit			BNC Plug	200-0991-00		1.560	CR	
Short Circuit			BNC Plug w/Chain	200-0672-00		2.590	CR	
Termination		50 Ω	SMA Plug	015-1022-00		8.500	CR	
Termination		50 Ω	BNC Plug	011-0123-00		8.500	CR	
Termination		50 Ω	SMA Jack	015-1004-00		15.000	CS	
Termination		50 Ω, 2 W	BNC Feedthrough	011-0049-01		6.500	CR	
Termination		75 Ω	BNC Feedthrough	011-0055-00			NP	
Termination		75 Ω, 1 W	BNC Feedthrough	011-0055-01		9.000	CR	
Termination		93 Ω, 1 W	BNC Feedthrough	011-0056-01		9.240	CR	
Termination			BNC Female to BNC Female Feedthrough	131-0772-00		6.100	CR	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## PELTOLA CONNECTOR SYSTEM

The Peltola Connector system is recommended for new design. The following is a copy of the 062-4551-00 standard, dated June 13, 1984. If you plan on using this system you should check with Technical Standards to see if the standard has been updated.

**1. PURPOSE.**

The purpose of this standard is to provide specifications and assembly instructions for the Peltola Connector system.

**2. SCOPE.**

There are two types of Peltola Connector systems used at Tektronix: Machined part, which is a precision connector, and pressed metal, a more cost effective coaxial connection. See Figure 1. The most common in use at Tektronix is the pressed metal. Therefore, these specifications and assembly instructions apply to all pressed metal Peltola Connectors. The specifications are of particular importance when automated machinery is used. See Figure 2 for dimensions.

**3. DESCRIPTION.**

The Peltola Connection system is moderate in cost, reliable, electrically clean, and a quick way to make RF cable to circuit board connections, RF cable to RF cable connections, or RF cable to back side of panel connections.

The Peltola connection is not designed for continuous "connect-disconnect" service. A maximum of approximately 25 insertions and removals is all that is necessary to mechanically loosen the pressfitted eyelets and cable braid, seriously degrading the electrical performance of the system.

Alternate connection systems should be considered for applications which require special modification or continuous "connect-disconnect" operation.

**4. ASSEMBLY INSTRUCTIONS AND SPECIFICATIONS.**

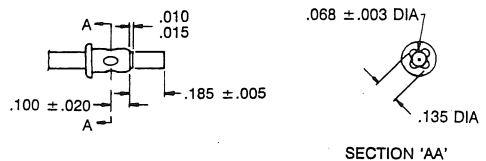
Automated machinery manufactures and assembles this connection, so even slight modification to any part could have serious implications.

There are special hand tools to facilitate the assembly of low volume or single pieces. Contact Accessories Engineering for information on these tools.

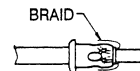
For assembly instructions, refer to the following, Steps 1 through 4.

### ASSEMBLY INSTRUCTIONS FOR CONNECTORS

**Step 1.** Crimp the inner eyelet 3 or 4 places equally spaced on the cable, then remove the outer jacket of the cable. Hand tools are available which do this. Be certain to adhere to the dimensions noted.



**Step 2.** Push shielding braid back over the eyelet barrel.



**Step 3.** Slide the outer eyelet over the above assembly and compress eyelets. The same tool as noted in Step 1 can be used for this.



**Step 4.** Trim the dielectric (and conductor if necessary) to meet Figure 1 dimensions.

## PELTOLA CONNECTOR SYSTEM (cont)

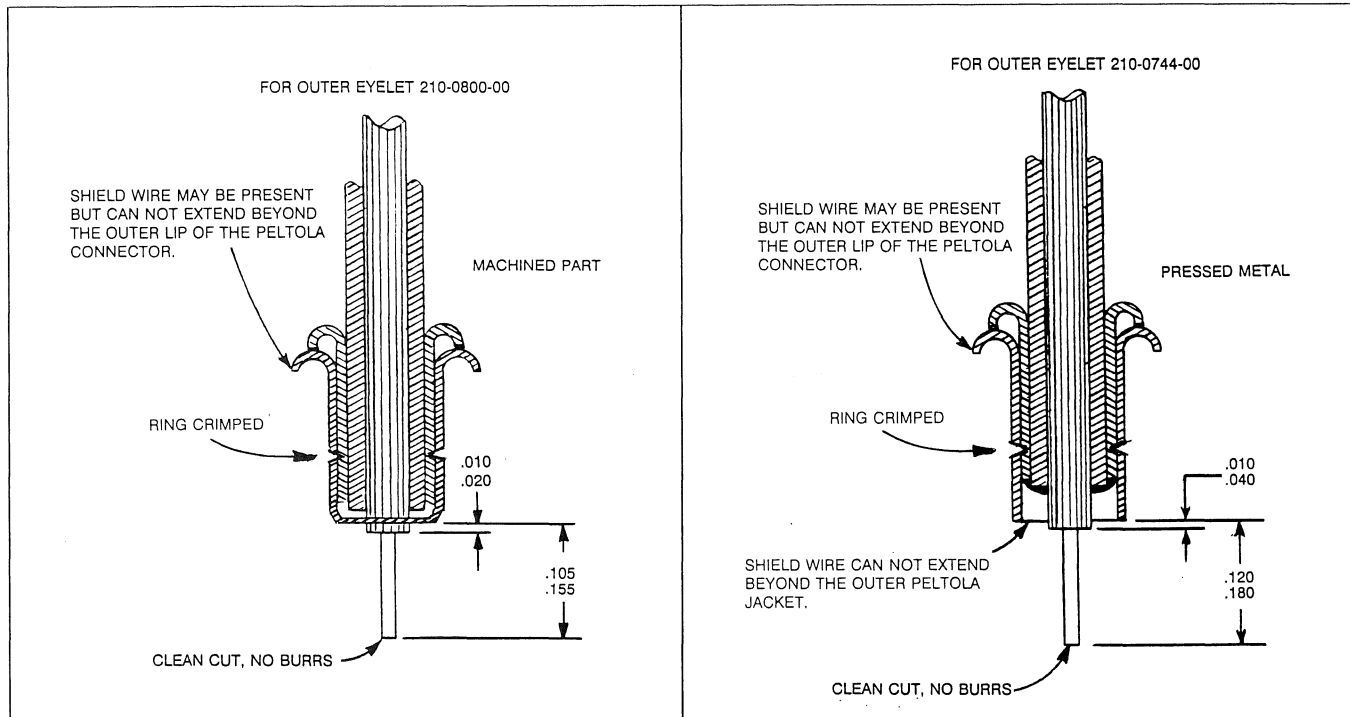


FIGURE 1. TWO TYPES PELTOLA CONNECTOR SYSTEMS.

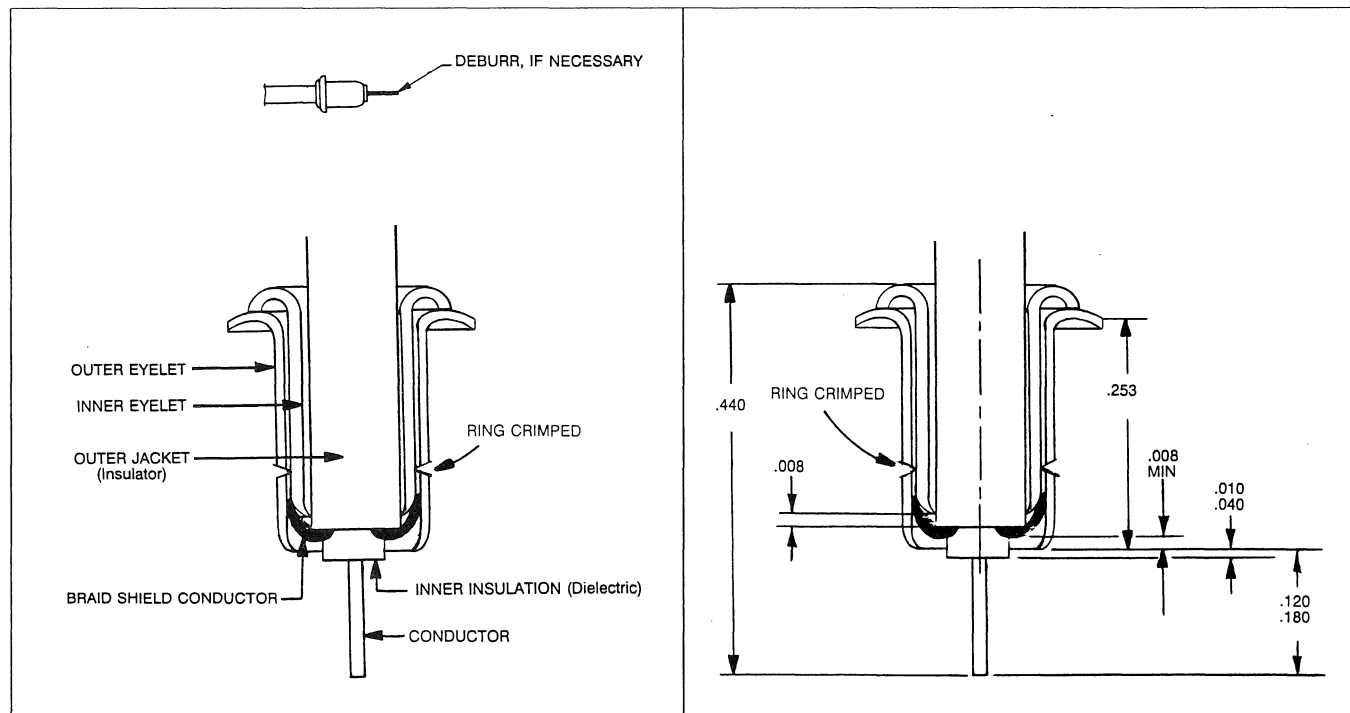


FIGURE 2. ASSEMBLED CONNECTOR DIMENSIONS.



PELTOLA CONNECTOR SYSTEM (cont)

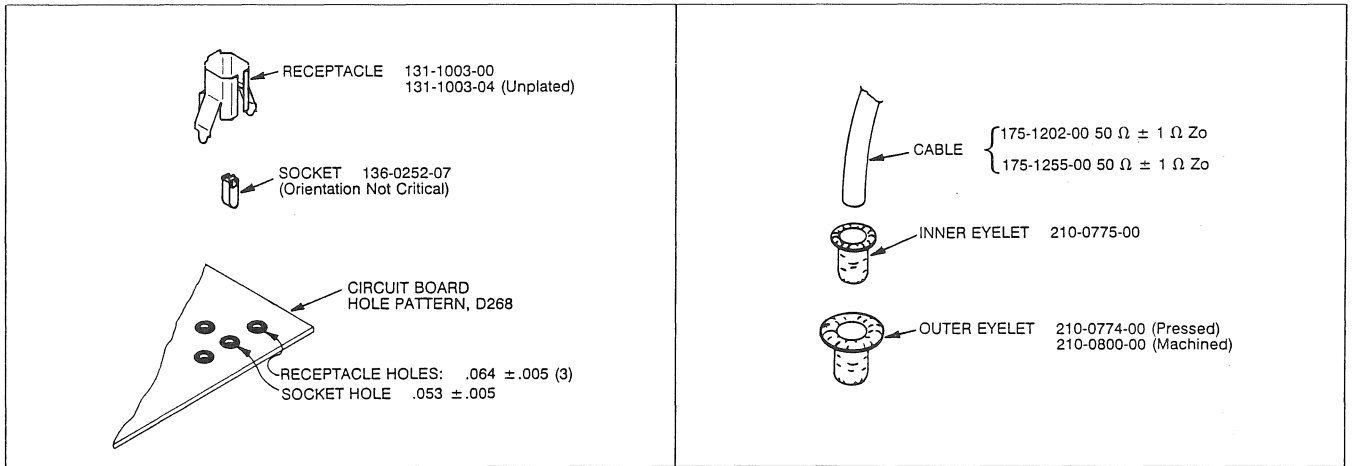


FIGURE 3. ASSEMBLED CONNECTOR PARTS LABELED.

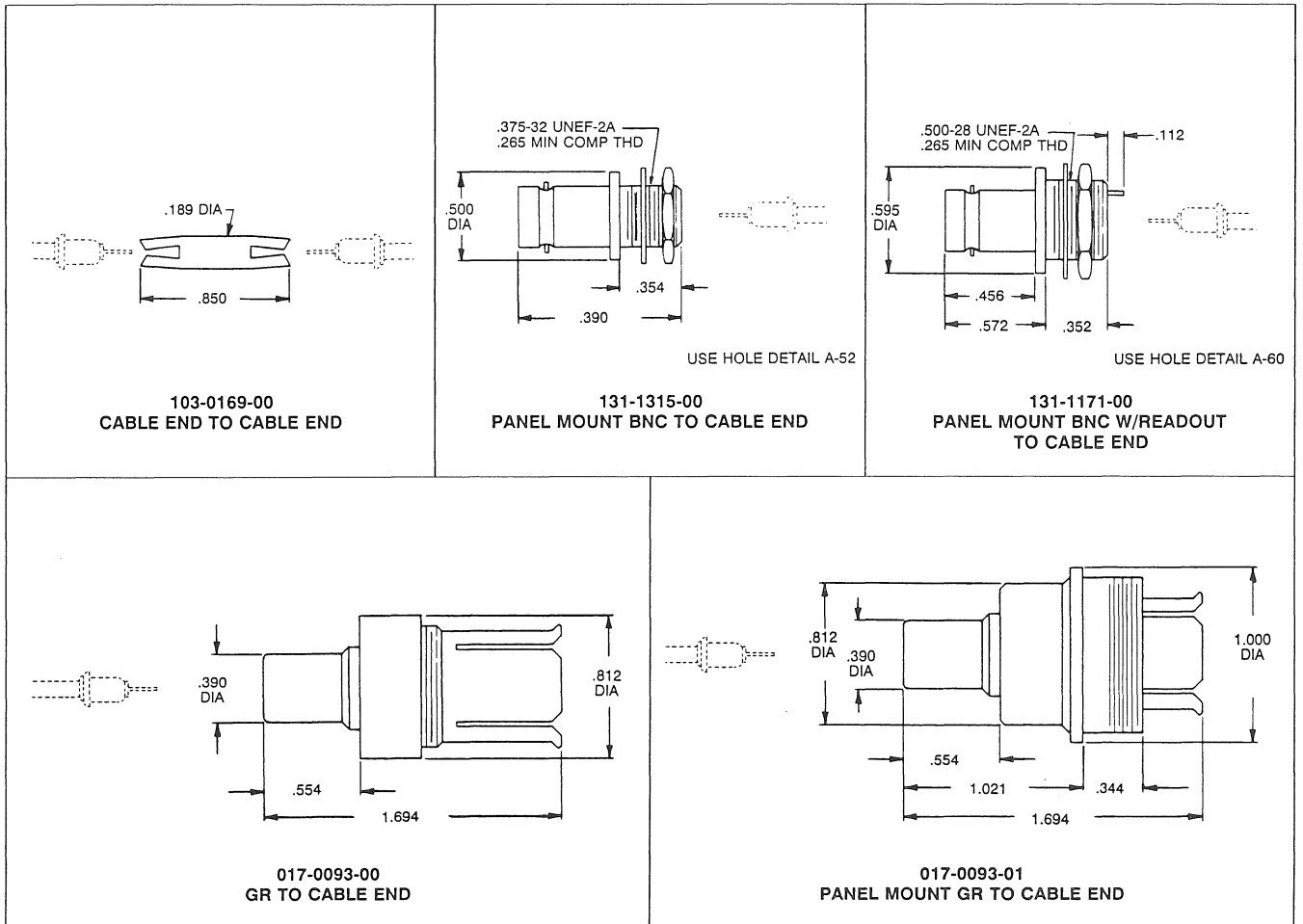
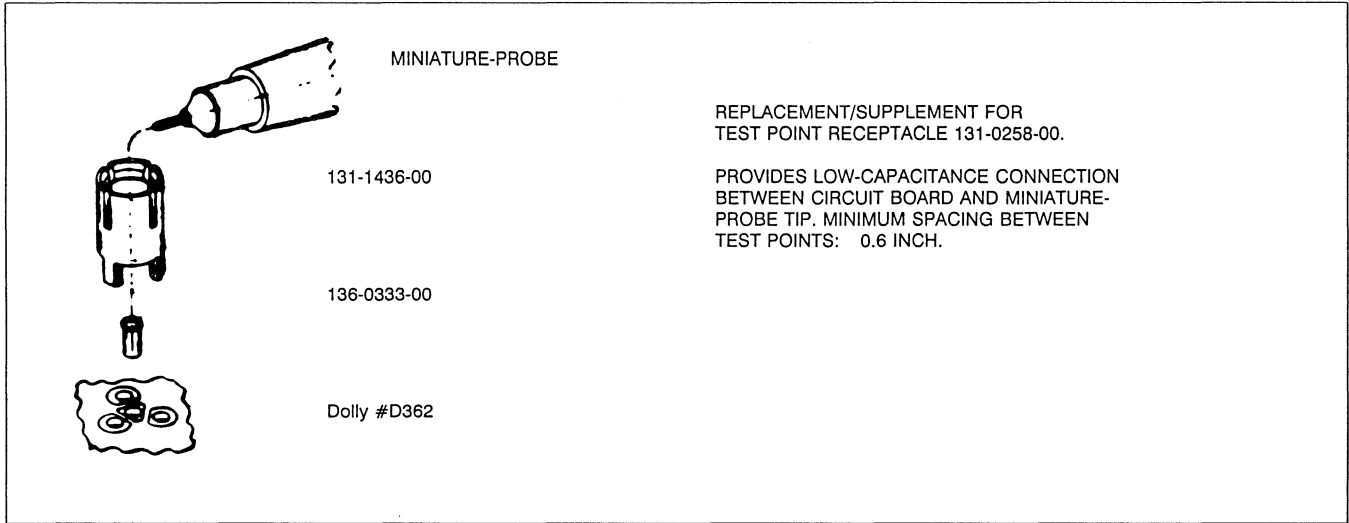
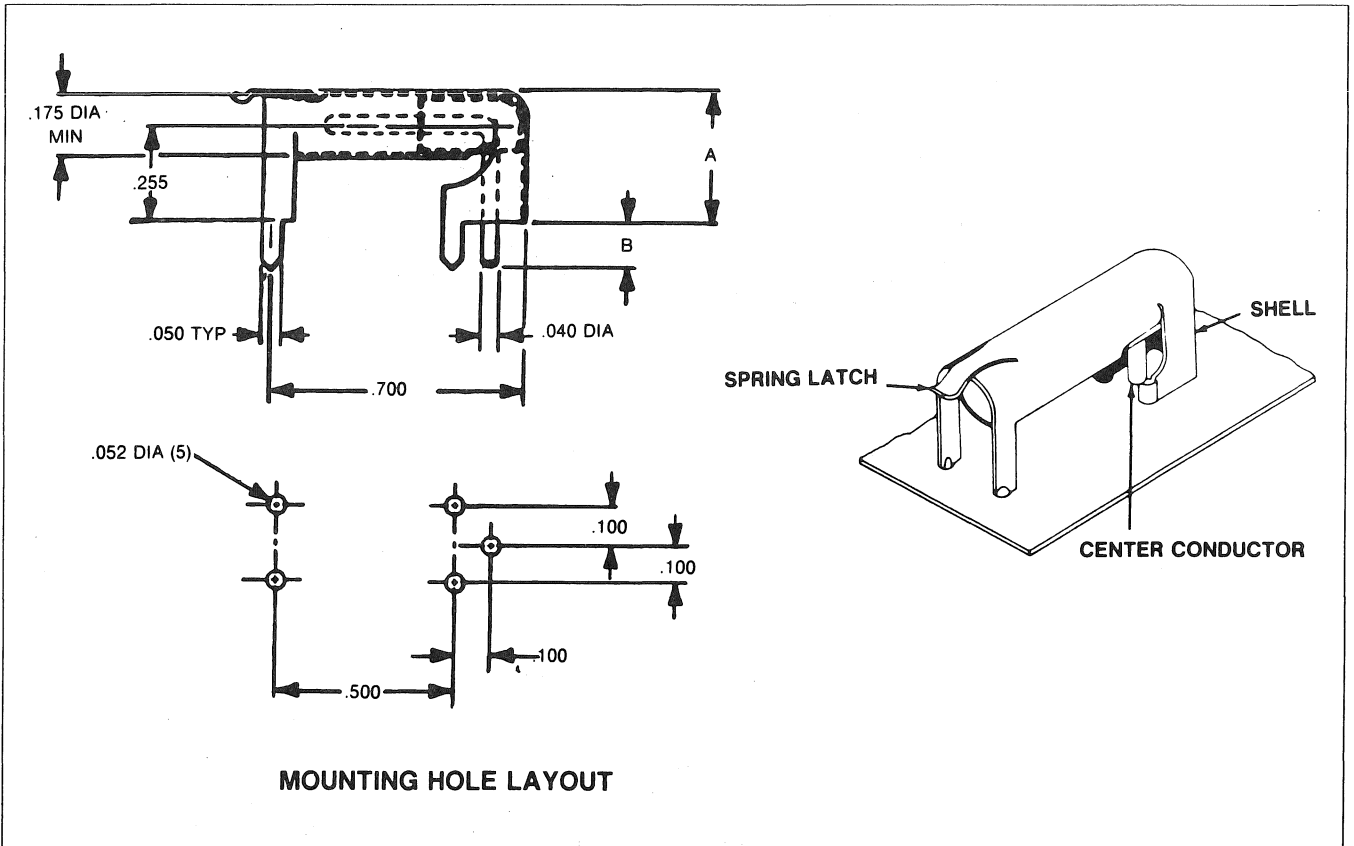


FIGURE 4. MOUNT TO CABLE END

## MINIATURE-PROBE TEST POINT

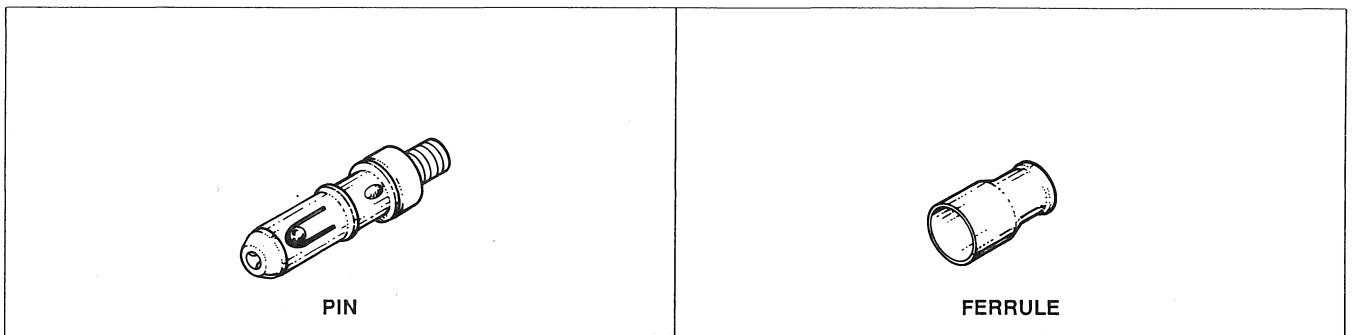


# MINIATURE PC MOUNT CONNECTORS



**MOUNTING HOLE LAYOUT**

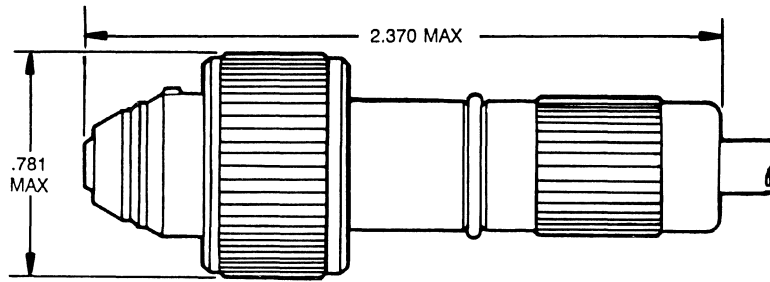
Board Thickness (Nominal)	Dimensions		Finish	Part Number	Codes <sup>a</sup>		
	A	B			ND	Cost	ST
.062	.357	.125	.000030 Gold Over .000050 Nickel	131-1751-00		2.618	CR
.125	.295	.187	.000030 Gold Over .000050 Nickel	131-1752-00		1.828	CS



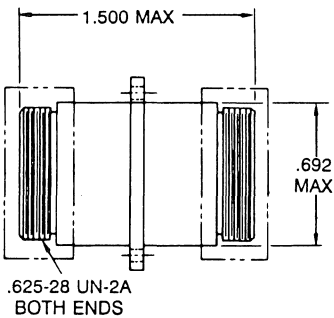
RG Cable	Pin	Codes <sup>a</sup>			Ferrule	Codes <sup>a</sup>		
		ND	Cost	ST		ND	Cost	ST
RG 58	131-1754-00 (Female)		4.071	CR	166-0579-00		.176	CR
RG 180, 195	131-1696-00 (Female)			OB	166-0577-00			OB
RG 174, 187, 197	131-1650-00 (Female)		4.080	CR	131-1641-00		.175	CR
RG 178, 196	131-1755-00 (Male)		2.753	CR	166-0580-00		.167	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

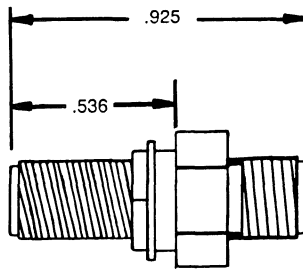
# FIBER OPTIC CONNECTORS



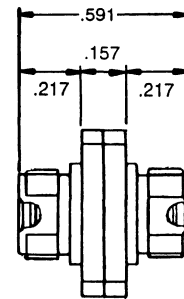
Type	Matching Cable Size	Comments	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
Optical Lens System, Plug Optical Lens System, Plug Optical Lens System, Plug	4.8 mm OD Cable, 125 μm OD Fiber 3.8 mm OD Cable, 125 μm OD Fiber .100 OD Cable		131-2739-00 131-2739-01 131-4015-00	A	72.800 83.060 78.170	CR CR CR



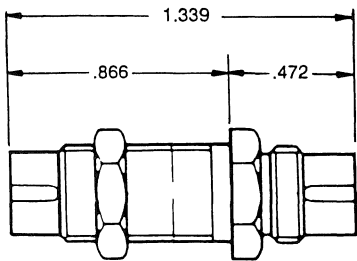
.625-28 UN-2A  
BOTH ENDS  
  
131-2741-02  
COST:<sup>a</sup> 28.550 STATUS CODE:<sup>a</sup> CR  
OPTICAL LENS SYSTEM, RECEPTACLE  
50. μm Core, 125. μm OD Fiber



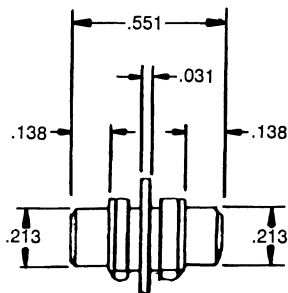
131-4022-00  
COST:<sup>a</sup> 4.250 STATUS CODE:<sup>a</sup> CR  
BULKHEAD FEEDTHROUGH, RECEPTACLE  
50. μm Core, 125. μm OD Fiber  
Safety Controlled



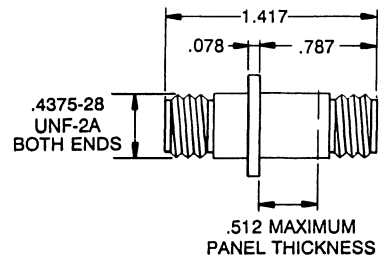
131-4017-00  
COST:<sup>a</sup> 14.920 STATUS CODE:<sup>a</sup> CR  
BULKHEAD, RECEPTACLE  
Single mode  
Safety Controlled



131-4006-00  
COST:<sup>a</sup> 78.600 STATUS CODE:<sup>a</sup> CR  
INLINE SLEEVE ADAPTER, RECEPTACLE  
Single Mode



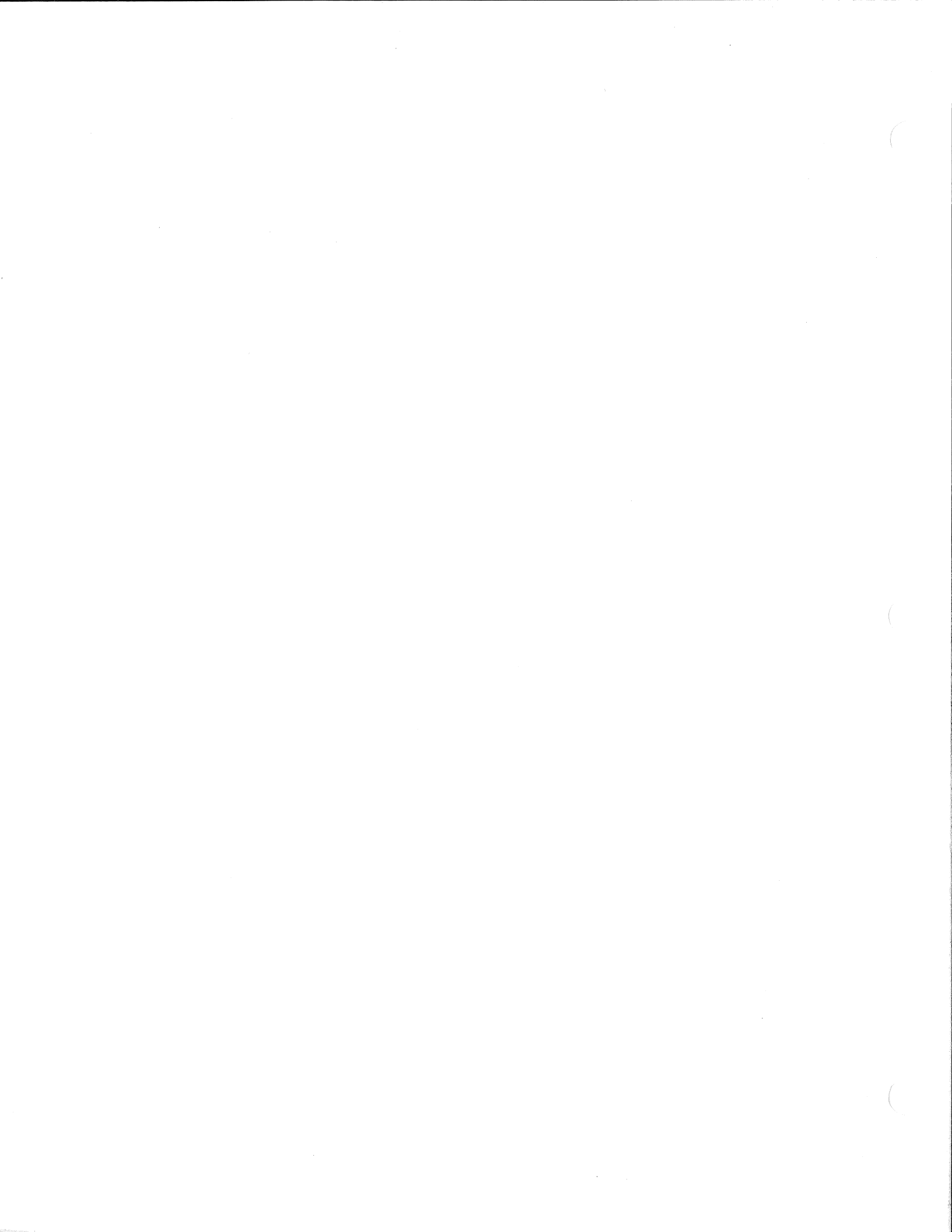
131-4021-00  
COST:<sup>a</sup> 37.700 STATUS CODE:<sup>a</sup> CR  
SINGLE MODE TO SINGLE MODE, RECEPTACLE  
10. μm Core, 125. μm OD Fiber



131-4018-00  
COST:<sup>a</sup> 24.710 STATUS CODE:<sup>a</sup> EN  
RADIAL SINGLE MODE, RECEPTACLE

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.





**SECTION 12**  
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In the Electro-Mechanical Section of the Supplement Catalog 7 you will find the following information:

- Primary Wiring Information
- Primary Circuit Wiring Guidelines
- Receptacle Wiring Color Requirements

CATALOG WRITER: DIANE ARGYLE, 629-1860

## RECEPTACLES (PANEL-MOUNTED CONNECTORS)

Contact Type	Fig <sup>a</sup>	Ratings		NEMA Configuration	Shell Type	General Information	Third Party Certification	Part Number	Codes <sup>b</sup>		
		Voltage	Current						ND	Cost	ST
Male	1	125 AC	10 A		Plastic	With Solder/Quick Disconnect Tab Terminals	UL, CSA & VDE	131-3473-00 <sup>c</sup>		.610	CR
Male	1	250 AC	6 A		Plastic	Recessed Flush Mount, w/(2) .142 Mounting Holes	UL, CSA, SEMKO, BSI & VDE	131-1084-02		.840	CR
Male	1	250 AC	6 A		Plastic	Recessed Flush Mount, w/(2) .203 Mounting Holes	UL & CSA	131-1084-01	U	.697	CR
Male	1	250 AC	15 A		Plastic	Recessed Flush Mount, w/(2) .130 Mounting Holes	UL & CSA	131-1084-00 <sup>c</sup>		.610	CR
Female	2	250 AC/DC	6 A		Plastic	Flush Mount	UL, CSA & VDE	131-1234-00 <sup>c</sup>		.900	CR
Female	2	250 AC/DC	15 A		Plastic	Flush Mount	UL & CSA	131-2652-00		.870	CS
Male	3	125 DC	7 A		Plastic	Recessed Flush Mount		131-1333-01		1.288	CR
Male	3	125 DC	7 A		Plastic	Recessed Flush Mount		131-1333-00 <sup>c</sup>			NP
Male	3	125 AC	15 A			Similar to Figure 3, Tek-made		131-1556-00		1.501	CR
Male	4	125/250 AC/DC	15 A	ML-2P	Metal	Recessed Flush Mount, Twist Lock, 2 Pole, 3 Wire	UL & CSA	131-0171-00		4.740	CS
Male	4	125/250 AC/DC	15 A	ML-2P	Metal	Recessed Flush Mount, Twist Lock, 2 Pole, 3 Wire		131-0171-01		4.740	CS
Male	4	125/250 AC/DC	15 A		Metal	With Twist Lock, 3 Pole, 3 Wire	UL	131-0171-02			OB
Male	5	125 AC	15 A		Metal	Recessed Flush Mount, Tek-made		131-0572-00		2.081	CR
Female	6	125 AC	15 A		Metal	Flush Mount, Tek-made		131-0669-01		21.589	CS
Female	7	125 AC	15 A	L5-15R	Nylon	Flush Mount	UL & CSA	131-1349-00 <sup>c</sup>		4.040	CR
Female	7	125 AC	15 A	L5-15R	Plastic	Flush Mount, w/6-32 Tap	UL & CSA	131-1349-01 <sup>c</sup>		6.690	CR
Female	7	125 AC	15 A	L5-15R	Plastic	Flush Mount, w/.250 Quick Connect	UL & CSA	131-1680-00		5.406	CR
Female	7	125 AC	20 A	L5-20R	Plastic	Flush Mount, w/6-32 Tap	UL & CSA	131-3197-00 <sup>c</sup>		7.880	CR
Female	7	250 AC/DC	15 A	L6-15R	Nylon	Flush Mount	UL & CSA	131-3738-00 <sup>c</sup>		8.320	CR
Female	8	125 AC	15 A	L5-15R	Plastic	Twist Locks	UL & CSA	131-1767-00		5.005	CR
Male	9	250 AC	15 A	L6-15P	Metal			131-2076-00		6.340	PP
Male	10	125 AC	15 A		Plastic	Flush Mount, Tek-made		131-0102-02		5.639	CR
Male	10	125 AC	15 A			With 2.875 Inch Grounding Pigtail		131-0441-01		7.409	CS
Male	11	250 AC	6 A		Plastic	Right Angle Mount	UL, CSA & VDE	131-2663-00 <sup>c</sup>	A	1.180	CR
Male	11	250 AC	6 A		Plastic	Right Angle Mount	UL, CSA & VDE	131-3000-00 <sup>c</sup>		1.740	CR
Female	12	250 AC	10 A		Plastic	Swiss	SEV	131-2763-00		2.480	CR
Female	13	250 AC	13 A		Plastic	United Kingdom	BSI	131-2764-00		5.040	CR
Female	14	240 AC	10 A		Plastic	Australian		131-2765-00		3.580	CR
Female	15	250 AC/DC	6 A		Plastic	Snap-in Mount For .039 Inch Thick Panel	UL, CSA, & VDE	131-3989-00 <sup>c</sup>	A	.630	CR
Male	16	250 AC	6 A		Plastic	With Soldering Tab & Fuse Holder	UL & CSA	131-4044-00		1.430	CR
Male	17	250 AC	6 A		Plastic	With Fuse Holder	UL & CSA	131-4092-00 <sup>c</sup>		3.730	CR
Female	18	125 AC/DC	30 A	L5-30R	Plastic	Twist Lock, 2 Pole, 3 Wire	UL & CSA	131-3743-00 <sup>c</sup>		11.560	CR
Female	19	250 AC	15 A	L5-15R	Plastic	Flush Mount	UL	131-1551-00		2.990	CR
Male	20	120/208	30 A	L21-30P	Nylon	Twist Lock	UL & CSA	131-1380-00 <sup>c</sup>		8.407	CR
Male	21	125 AC	15 A	L5-15P	Metal	Recessed Flush Mount, Twist Lock	UL & CSA	131-0997-00			OB
Male	22	250 AC	15 A	L6-15P	Metal	Recessed Flush Mount, Twist Lock	UL & CSA	131-1080-00			OB
Male	23	250 AC/DC	30 A	L6-30P	Plastic	Twist Lock, 2 Pole, 3 Wire	UL	131-1628-00		14.900	OT
Female	24	120/208	30 A	L21-30P	Plastic	With Twist Lock, 4 Pole, 5 Wire	UL & CSA	131-2508-00		18.320	CR
Female		125 AC	15 A		Rubber	Use 337-0955-00 for Flush Mount, Tek-made		131-0884-00		28.533	CR
Female		125 AC	15 A		Plastic	Flush Mount		131-0069-00			OB
Female		125 AC	15 A	L5-15R	Plastic	Flush Mount	UL	136-0036-00			OB
Female		250 AC	16 A		Plastic	European	VDE	131-2762-00			DL
Male		125 AC	15 A				UL	131-2503-00			DL
Male		125 AC	15 A		Plastic	Use 337-0955-00 to Recess, Tek-made		131-0430-02			OB

<sup>a</sup> For Figure Illustrations see tab marked RECEPTACLE ILLUSTRATIONS (PANEL-MOUNTED CONNECTORS) in the back of this catalog.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>c</sup> Safety controlled.



## PLUGS (CABLE-MOUNTED CONNECTORS)





Contact Type	Fig <sup>a</sup>	Ratings		NEMA Configuration	Shell Type	General Information	Third Party Certification	Part Number	Codes <sup>b</sup>		
		Voltage	Current						ND	Cost	ST
Male	1	250 AC	15 A	L6-15P	Plastic	With Cord Diameter .325 - .705	UL	131-1651-00		4.900	CR
Female	2	125 AC/DC	15 A	L5-15R	Nylon	Twist Lock	UL & CSA	131-2040-00		5.690	CR
Male	3	250 AC	15 A	L6-15P	Plastic	Twist Lock		131-2013-00		4.694	CR
Male	4	125 AC	20 A	L5-20P	Plastic	Twist Lock	UL	131-2261-00		3.352	OT
Male	4	250 AC/DC	30 A	L6-30P	Nylon	Twist Lock		131-1491-00		4.275	
Male	4	250 AC	20 A	L6-20P	Plastic	Twist Lock	UL	131-2262-00			OB
Male	5	125 AC	15 A	L5-15P	Plastic	Twist Lock	UL & CSA	131-1766-00		3.010	CR
Male	6	120/208	30 A	L21-30P	Nylon	Twist Lock	UL & CSA	131-1509-00		7.249	CR
Male	7	125 AC	15 A	L5-15P	Nylon	Hospital Grade	UL & CSA	131-1703-00		4.882	CR
Female	8	125 AC/DC	30 A	L5-30R	Nylon	Twist Lock		131-1514-00		16.250	OT
Female	9	125 AC	20 A	L5-20R	Plastic	Twist Lock	UL	131-2260-00		4.520	OT
Female	9	250 AC/DC	30 A	L6-30R	Nylon	Twist Lock		131-1492-00		18.053	CR
Female	9	250 AC	20 A	L6-20R	Plastic	Twist Lock	UL	131-2259-00			OB
Male	10	125 AC	15 A	L5-15P	Plastic		UL & CSA	131-1388-00		4.630	CR
Male	11	125 AC/DC	30 A	L5-30P	Nylon	Twist Lock		131-1389-00		9.288	CS
Male	12	125 AC	15 A	L5-15P	Nylon	Twist Lock	UL & CSA	131-2041-00		2.325	CR
Male	13	125 AC/DC	20 A	L5-20P	Nylon	Twist Lock	UL & CSA	131-4238-00		6.580	CR
Female	14	250 AC	15 A	L6-15R	Plastic	Twist Lock	UL & CSA	131-1081-00			OB
Female	15	125 AC/DC	15 A	L5-15R	Nylon	Twist Lock	UL & CSA	131-0999-00			OB
Female	16	120/208	30 A	L21-30R	Nylon	Twist Lock		131-1381-00		22.180	CS
Female		125 AC/DC	15 A	ML-2R	Plastic	Twist Lock	UL & CSA	131-0170-00		5.830	CS
Female		125 AC	15 A		Plastic		UL	131-1107-00			OB
Male		125 AC	15 A		Metal	Retractable Ground Terminal	Military	131-1335-00		4.500	CS
Female & Male		125 AC	15 A		Plastic	Center Female, Twist Lock		131-0859-00			OB

<sup>a</sup> For Figure illustrations see tab marked PLUG ILLUSTRATIONS (CABLE-MOUNTED CONNECTORS) in the back of this catalog.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## PROTECTIVE - GROUND CONNECTORS

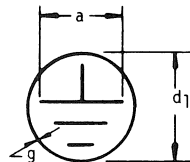
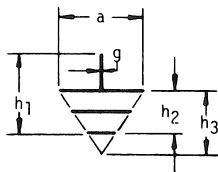
Protective-ground connection guidelines have been established by the product safety group for equipment having attached power cords, detached power cords, separable units and equipment with socket outlets or interconnecting connectors. These guidelines also include a statement to be included in the manual operating instructions under safety information and protective-ground symbol marking (shown below). Call Product Safety at 627-1809 for additional information.

	6 mm Diameter	PN 334-3379-00
	8 mm Diameter	PN 334-3379-01
	10 mm Diameter	PN 334-3379-02
	16 mm Diameter	PN 334-3379-03

The four protective-ground-symbol sizes shown above (on transparent, adhesive-back stock) have Tek part numbers. If you need a different size, you can have it made according to the table shown below.

Dimensions are in millimeters:

a (Nominal)	3	4	5	6	8	10	12	16	20	25	32
d1	4.	5.	6.	8.	10.	12.	16.	20.	25.	32.	40.
g	0.2	0.25	0.3	0.4	0.5	0.6	0.8	1.	1.2	1.6	2.
h1	2.8	3.75	4.7	5.6	7.5	9.4	11.2	15.	18.8	23.4	30.
h2	1.3	1.75	2.2	2.6	3.5	4.4	5.2	7.	8.8	10.9	14.
h3	2.	2.5	3.	4.	5.	6.	8.	10.	12.5	16.	20.







# SECTION 13

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### IS THIS CONNECTION REALLY NECESSARY?

CONNECTIONS ARE: Only Interruptions in a Circuit.

Added Cost.

Added Failure Modes.

Convenience Factors.

Added Weight.

### HAVE YOU CONSIDERED HARD WIRING?

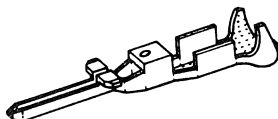
TEK INTERCONNECTION SYSTEM STANDARDS G103

CATALOG WRITER: DIANE ARGYLE, 629-1860.

## .025 INTERCONNECTION SYSTEM

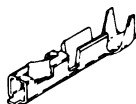
The following information on crimp applied connectors has been updated by SPECS (Special Electrical Components) Production Engineering staff. The layout should enable one to choose the appropriate interconnection system based on the wire gauge, the current (and voltage where applicable) ratings, whether or not UL listed material is required in the case of connector housings, connector-housing type compatability, and application cost of the connector. We are striving for a uniform and reliable interconnection system with fewer part numbers in order to be cost effective in manufacturing. New connector systems should be defined by Component Evaluation.

### MALE PV PIN



Wire Size	Insulation Diameter	Part Number	Code <sup>a</sup>		
			ND	Cost	ST
26-22 AWG	.103 Max	131-0965-00		.073	CR
Mates with Mini and Maxi PV					

### MINI PV PIN



Wire Size (AWG)	Maximum Electrical Rating	Housing		Discrete Wire Insulation Range (No Housing)	Maximum Insulation w/Housing	Part Number	Codes <sup>a</sup>		
		Tek	Berg				ND	Cost	ST
20-18	3. A		✓	.042 - .103	.060	131-2428-00		.094	CR
26-22	3. A		✓	.035 - .072	.060	131-1119-00 <sup>b</sup>		.141	CR
26-22	3. A	✓	✓	.036 - .103	.060	131-0707-00		.067	CR
26-22	3. A	✓	✓	.036 - .103	.060	131-2623-01			DL
32-28	3. A	✓	✓	.028 - .054	N/A	131-0708-00		.092	CR
36-32	3. A		✓	.020 - .040	N/A	131-3432-00		.280	PP
Mini PV should be used in multiples in insulated terminal holders. They fit Tek harmonica housings on .100 centers or purchased housings on .100 or .150 centers.									

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> CRT neckpin.

**.025 INTERCONNECTION SYSTEM (cont)**

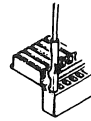
**MINI PV TERMINAL CONNECTOR HOLDERS**

**TEK-MADE**

Available in single rows up to 10 positions on .100 centers only. Ten colors in EIA standard coding are available, but black is recommended for new design.

Material: Polypropylene with a UL 94V-1 rating.

UL Recognized

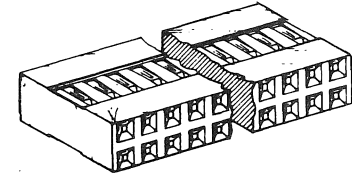
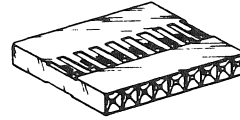


**PURCHASED**

Available on .100 and .150 centers. They are also available in one or two rows with up to 36 positions per row. The housings are only available in one color black.

Material: Phenylene oxide resin with UL 94V-1 rating.

UL Recognized



Contact Centers	Number of Contacts	Color	Part Number	Codes <sup>a</sup>			Arrow/Number	Source
				ND	Cost	ST		
.100	1 x 1	Black	352-0171-00 <sup>b</sup>		.002	CR	Right	Tek-made
.100	1 x 1	Brown	352-0171-01		.037	CR	Right	Tek-made
.100	1 x 1	Red	352-0171-02		.038	CR	Right	Tek-made
.100	1 x 1	Orange	352-0171-03		.003	CR	Right	Tek-made
.100	1 x 1	Yellow	352-0171-04		.038	CR	Right	Tek-made
.100	1 x 1	Green	352-0171-05		.003	CR	Right	Tek-made
.100	1 x 1	Blue	352-0171-06		.038	CR	Right	Tek-made
.100	1 x 1	Violet	352-0171-07		.038	CR	Right	Tek-made
.100	1 x 1	Gray	352-0171-08		.036	CR	Right	Tek-made
.100	1 x 1	White	352-0171-09		.005	CR	Right	Tek-made
.100	1 x 2	Black	352-0169-00 <sup>b</sup>	U	.038	CR	Right	Tek-made
.100	1 x 2	Brown	352-0169-01 <sup>b</sup>		.040	CR	Right	Tek-made
.100	1 x 2	Red	352-0169-02		.042	CR	Right	Tek-made
.100	1 x 2	Orange	352-0169-03		.041	CR	Right	Tek-made
.100	1 x 2	Yellow	352-0169-04		.042	CR	Right	Tek-made
.100	1 x 2	Green	352-0169-05		.041	CR	Right	Tek-made
.100	1 x 2	Blue	352-0169-06		.042	CR	Right	Tek-made
.100	1 x 2	Violet	352-0169-07 <sup>b</sup>	U	.042	CR	Right	Tek-made
.100	1 x 2	Gray	352-0169-08 <sup>b</sup>		.038	CR	Right	Tek-made
.100	1 x 2	White	352-0169-09 <sup>b</sup>		.044	CR	Right	Tek-made
.100	1 x 2	Black	204-0805-00		.230	CR	Standard	Purchased
.100	1 x 2	Black	131-3337-00	U		DL	Standard	Purchased
.100	1 x 3	Black	352-0161-00 <sup>b</sup>	U	.038	CR	Right	Tek-made
.100	1 x 3	Brown	352-0161-01 <sup>b</sup>		.040	CR	Right	Tek-made
.100	1 x 3	Red	352-0161-02		.042	CR	Right	Tek-made
.100	1 x 3	Orange	352-0161-03 <sup>b</sup>		.041	CR	Right	Tek-made
.100	1 x 3	Yellow	352-0161-04 <sup>b</sup>		.042	CR	Right	Tek-made
.100	1 x 3	Green	352-0161-05 <sup>b</sup>		.041	CR	Right	Tek-made
.100	1 x 3	Blue	352-0161-06 <sup>b</sup>		.042	CR	Right	Tek-made
.100	1 x 3	Violet	352-0161-07 <sup>b</sup>		.042	CR	Right	Tek-made
.100	1 x 3	Gray	352-0161-08 <sup>b</sup>		.038	CR	Right	Tek-made
.100	1 x 3	White	352-0161-09		.044	CR	Right	Tek-made
.100	1 x 3	Black	352-0644-00		.503	CR	Standard	Purchased
.100	1 x 3	Black	131-3431-00		.290	PP	Standard	Purchased
.100	1 x 4	Black	352-0162-00 <sup>b</sup>	U	.038	CR	Right	Tek-made
.100	1 x 4	Brown	352-0162-01 <sup>b</sup>		.040	CR	Right	Tek-made
.100	1 x 4	Red	352-0162-02 <sup>b</sup>		.042	CR	Right	Tek-made
.100	1 x 4	Orange	352-0162-03 <sup>b</sup>		.041	CR	Right	Tek-made
.100	1 x 4	Yellow	352-0162-04 <sup>b</sup>		.042	CR	Right	Tek-made
.100	1 x 4	Green	352-0162-05 <sup>b</sup>		.041	CR	Right	Tek-made
.100	1 x 4	Blue	352-0162-06		.042	CR	Right	Tek-made
.100	1 x 4	Violet	352-0162-07		.042	CR	Right	Tek-made
.100	1 x 4	Gray	352-0162-08 <sup>b</sup>		.038	CR	Right	Tek-made
.100	1 x 4	White	352-0162-09 <sup>b</sup>		.044	CR	Right	Tek-made

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

**.025 INTERCONNECTION SYSTEM (cont)**

**MINI PV TERMINAL CONNECTOR HOLDERS (cont)**

Contact Centers	Number of Contacts	Color	Part Number	Codes <sup>a</sup>			Arrow/Number	Source
				ND	Cost	ST		
.100	1 x 5	Black	352-0163-00 <sup>b</sup>	U	.040	CR	Right	Tek-made
.100	1 x 5	Brown	352-0163-01 <sup>b</sup>		.040	CR	Right	Tek-made
.100	1 x 5	Red	352-0163-02 <sup>b</sup>		.046	CR	Right	Tek-made
.100	1 x 5	Orange	352-0163-03 <sup>b</sup>		.044	CR	Right	Tek-made
.100	1 x 5	Yellow	352-0163-04 <sup>b</sup>		.045	CR	Right	Tek-made
.100	1 x 5	Green	352-0163-05 <sup>b</sup>		.044	CR	Right	Tek-made
.100	1 x 5	Blue	352-0163-06 <sup>b</sup>		.042	CR	Right	Tek-made
.100	1 x 5	Violet	352-0163-07		.042	CR	Right	Tek-made
.100	1 x 5	Gray	352-0163-08 <sup>b</sup>		.041	CR	Right	Tek-made
.100	1 x 5	White	352-0163-09 <sup>b</sup>		.044	CR	Right	Tek-made
.100	1 x 5	White	352-0163-19			CR	Right	Tek-made
.100	1 x 5	Black	352-0548-00		.350	CS	Standard	Purchased
.100	1 x 6	Black	352-0547-00		.688	CS	Standard	Purchased
.100	1 x 6	Black	352-0546-00	U	.350	PP	Standard	Purchased
.100	1 x 6	Black	352-0164-00 <sup>b</sup>	U	.040	CR	Right	Tek-made
.100	1 x 6	Brown	352-0164-01 <sup>b</sup>		.043	CR	Right	Tek-made
.100	1 x 6	Red	352-0164-02 <sup>b</sup>		.046	CR	Right	Tek-made
.100	1 x 6	Orange	352-0164-03 <sup>b</sup>		.044	CR	Right	Tek-made
.100	1 x 6	Yellow	352-0164-04 <sup>b</sup>		.045	CR	Right	Tek-made
.100	1 x 6	Green	352-0164-05		.045	CR	Right	Tek-made
.100	1 x 6	Blue	352-0164-06 <sup>b</sup>		.045	CR	Right	Tek-made
.100	1 x 6	Violet	352-0164-07		.045	CR	Right	Tek-made
.100	1 x 6	Gray	352-0164-08		.041	CR	Right	Tek-made
.100	1 x 6	White	352-0164-09 <sup>b</sup>		.049	CR	Right	Tek-made
.100	1 x 7	Black	352-0549-00			OB		Tek-made
.100	1 x 7	Black	204-0761-00		.722	CS		Purchased
.100	1 x 7	Black	352-0165-00 <sup>b</sup>	U	.040	CR	Right	Tek-made
.100	1 x 7	Brown	352-0165-01		.043	CR	Right	Tek-made
.100	1 x 7	Red	352-0165-02 <sup>b</sup>		.046	CR	Right	Tek-made
.100	1 x 7	Orange	352-0165-03		.044	CR	Right	Tek-made
.100	1 x 7	Yellow	352-0165-04 <sup>b</sup>		.045	CR	Right	Tek-made
.100	1 x 7	Green	352-0165-05		.044	CR	Right	Tek-made
.100	1 x 7	Blue	352-0165-06 <sup>b</sup>		.045	CR	Right	Tek-made
.100	1 x 7	Violet	352-0165-07 <sup>b</sup>		.045	CR	Right	Tek-made
.100	1 x 7	Gray	352-0165-08		.041	CR	Right	Tek-made
.100	1 x 7	White	352-0165-09 <sup>b</sup>		.049	CR	Right	Tek-made
.100	1 x 8	Black	352-0166-00 <sup>b</sup>	U	.042	CR	Right	Tek-made
.100	1 x 8	Brown	352-0166-01 <sup>b</sup>		.045	CR	Right	Tek-made
.100	1 x 8	Red	352-0166-02 <sup>b</sup>		.050	CR	Right	Tek-made
.100	1 x 8	Orange	352-0166-03		.047	CR	Right	Tek-made
.100	1 x 8	Yellow	352-0166-04 <sup>b</sup>		.049	CR	Right	Tek-made
.100	1 x 8	Green	352-0166-05		.047	CR	Right	Tek-made
.100	1 x 8	Blue	352-0166-06 <sup>b</sup>		.049	CR	Right	Tek-made
.100	1 x 8	Violet	352-0166-07		.083	CR	Right	Tek-made
.100	1 x 8	Gray	352-0166-08 <sup>b</sup>		.043	CR	Right	Tek-made
.100	1 x 8	White	352-0166-09		.088	CR	Right	Tek-made
.100	1 x 9	Black	352-0167-00 <sup>b</sup>		.042	CR	Right	Tek-made
.100	1 x 9	Brown	352-0167-01		.045	CR	Right	Tek-made
.100	1 x 9	Red	352-0167-02 <sup>b</sup>		.050	CR	Right	Tek-made
.100	1 x 9	Orange	352-0167-03		.047	CR	Right	Tek-made
.100	1 x 9	Yellow	352-0167-04 <sup>b</sup>		.049	CR	Right	Tek-made
.100	1 x 9	Green	352-0167-05		.047	CR	Right	Tek-made
.100	1 x 9	Blue	352-0167-06		.049	CR	Right	Tek-made
.100	1 x 9	Violet	352-0167-07		.049	CR	Right	Tek-made
.100	1 x 9	Gray	352-0167-08		.043	CR	Right	Tek-made
.100	1 x 9	White	352-0167-09 <sup>b</sup>		.054	CR	Right	Tek-made
.100	1 x 10	Black	352-0762-00			DL	Left	Purchased
.100	1 x 10	Black	352-0168-00 <sup>b</sup>		.042	CR	Right	Tek-made
.100	1 x 10	Brown	352-0168-01 <sup>b</sup>		.045	CR	Right	Tek-made
.100	1 x 10	Red	352-0168-02		.085	CR	Right	Tek-made
.100	1 x 10	Orange	352-0168-03		.047	CR	Right	Tek-made
.100	1 x 10	Yellow	352-0168-04		.049	CR	Right	Tek-made

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.



**.025 INTERCONNECTION SYSTEM (cont)**

**MINI PV TERMINAL CONNECTOR HOLDERS (cont)**

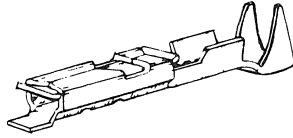
Contact Centers	Number of Contacts	Color	Part Number	Codes <sup>a</sup>			Arrow/Number	Source
				ND	Cost	ST		
.100	1 x 10	Green	352-0168-05 <sup>b</sup>		.047	CR	Right	Tek-made
.100	1 x 10	Blue	352-0168-06		.049	CR	Right	Tek-made
.100	1 x 10	Violet	352-0168-07 <sup>b</sup>		.049	CR	Right	Tek-made
.100	1 x 10	Gray	352-0168-08		.043	CR	Right	Tek-made
.100	1 x 10	White	352-0168-09		.054	CR	Right	Tek-made
.100	1 x 10	Black	204-0760-00		.635	CR	Standard	Purchased
.100	1 x 11	Black	352-0389-00		.410	CR	Standard	Purchased
.100	2 x 2	Black	352-0176-00 <sup>b</sup>		.263	CR	Right	Tek-made
.100	2 x 2	Black	352-0485-00		1.120	CR	Right	Purchased
.100	2 x 3	Black	352-0177-00 <sup>b</sup>		.117	CR	Right	Tek-made
.100	2 x 4	Black	352-0501-00		.740	CR	Left	Purchased
.100	2 x 5	Black	352-0693-00		.920	CR	Left	Purchased
.100	2 x 5	Black	352-0391-00		.660	CR	Standard	Purchased
.100	2 x 5	Orange	352-0330-03		.970	CR	Right	Purchased
.100	2 x 6	Black	352-0672-00		.720	CR	Standard	Purchased
.100	2 x 7	Black	352-0390-00		.770	CR	Standard	Purchased
.100	2 x 7	Black	352-0537-00		.900	CS		Purchased
.100	2 x 8	Black	352-0484-00		.700	CS	Right	Purchased
.100	2 x 8	Brown	352-0484-01		.810	CS	Left	Purchased
.100	2 x 9	Black	352-0479-00		.900	CS	Standard	Purchased
.100	2 x 9	Black	352-0406-00		1.770	OT	Left	Purchased
.100	2 x 10	Red	352-0330-02		.900	CR	Right	Purchased
.100	2 x 10	Black	352-0453-00		1.000	CR	Left	Purchased
.100	2 x 12	Black	352-0428-00		1.460	CR	Left	Purchased
.100	2 x 13	Black	352-0478-00	U	1.540	CR	Left	Purchased
.100	2 x 19	Brown	352-0330-01		1.810	CR	Right	Purchased
.100	2 x 19	Black	204-0872-00		1.670	CS		Purchased
.100	2 x 19	Black	352-0429-00	U	1.810	CS		Purchased
.100	2 x 20	Green	352-0330-05	U	1.870	CR	Left	Purchased
.100	2 x 22	Black	352-0330-00		2.040	CR	Left	Purchased
.125	1 x 3	Black	352-0596-00			DL		Purchased
.125	1 x 4	Black	352-0597-00			DL		Purchased
.125	1 x 6	Black	352-0599-00	U		DL		Purchased
.125	1 x 20	Black	352-0764-00	A	1.190	CS	Standard	Purchased
.150	1 x 2	Black	352-0625-00		.375	CS	Standard	Purchased
.150	1 x 4	Black	204-0646-00		.390	CR	Standard	Purchased
.150	1 x 6	Black	204-0873-00		.750	CS		Purchased
.150	2 x 8	Black	352-0435-00	U	1.540	CS	Standard	Purchased
.150	2 x 8	Black	352-0435-01		.890	CS		Purchased
.150	2 x 10	Black	352-0436-00		.990	CR	Standard	Purchased
.150	2 x 15	Black	352-0437-00		1.130	CS		Purchased
.150	2 x 15	Black	352-0437-01		1.380	CS		Purchased
.150	2 x 22	Black	352-0432-00		1.930	CS		Purchased

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

# .025 INTERCONNECTION SYSTEM (cont)

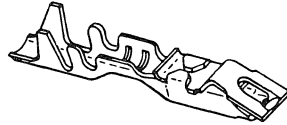
## MAXI PV



Wire Size (AWG)	Maximum Electrical Rating	Housing		Discrete Wire Insulation Range (No Housing)	Maximum Insulation w/Housing	Part Number	Codes <sup>a</sup>		
		Tek	Berg				ND	Cost	ST
20-18	5. A	✓	✓	.042 - .103	.060	131-0792-00		.175	CR
26-22	5. A	✓	✓	.036 - .103	.060	131-0621-00		.102	CR
32-28	5. A	✓	✓	.028 - .054	N/A	131-0622-00		.131	CR

Maxi PV can be used individually without housings or be used with Tek harmonica housings on .150 centers. If housings are not used, .200 center line spacing is recommended.

## LOCKING CLIP



Wire Size (AWG)	Discrete Wire Insulation Range (No Housing)	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
26-22	.038 - .062	131-1810-00		.110	CR
30-28	.029 - .039	131-2735-00		.110	CR

## POLARIZING KEYS FOR BOTH MINI & MAXI CONNECTORS

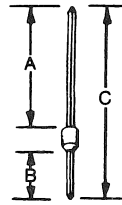
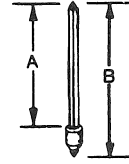
<p>134-0095-00 COST:<sup>a</sup> .030 STATUS CODE:<sup>a</sup> CR</p>	<p>NEEDS TO BE GLUED</p> <p>134-0153-00 COST:<sup>a</sup> .128 STATUS CODE:<sup>a</sup> CR</p>	<p>134-0206-00 COST:<sup>a</sup> .073 STATUS CODE:<sup>a</sup> PP ND:<sup>a</sup> A</p>
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<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## .025 INTERCONNECTION SYSTEM (cont)

### .025 SQUARE PIN TERMINAL

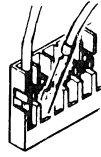
Dimensions		Part Number	Codes <sup>a</sup>			
A	B		ND	Cost	ST	
		<b>Single End</b>				
.228	.365	131-0608-00		.027	CR	
.228	.340	131-2338-00			DL	
.265	.650	131-2533-00		.121	CR	
.323	.460	131-0589-00		.039	CR	
.345	.662	131-1742-00		.054	CR	
.448	.640	131-0787-00		.049	CR	
.578	.710	131-0590-00		.057	CR	
.651	.793	131-1403-00		.159	CR	
No Ferrule	.710	131-0590-02		.178	CR	
.698	.835	131-0591-00		.069	CR	
.763	.900	131-0592-00		.073	CR	
Dimensions			Codes <sup>a</sup>			
A	B	C	Part Number	ND	Cost	ST
			<b>Double End</b>			
		.445	131-2808-00			DL
		1.240	131-0593-00		.292	CR
		1.430	131-0595-00		.333	CR
		1.485	131-0594-00		.344	CR
		.550	131-0827-00		.170	CR
.230	.045	.395	131-1598-00		.072	CR
.500	.055	.675	131-1599-00		.086	CR
.573	.245	.895	131-0665-00		.230	CR
.603	.335	1.000	131-2441-00		.211	CR



<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

# .025 INTERCONNECTION SYSTEM (cont)

## MAXI PV TERMINAL CONNECTOR HOLDERS



Contact Centers	Number of Contacts	Color	Part Number	Codes <sup>a</sup>			Arrow	Source
				ND	Cost	ST		
	1 x 1	Black	352-0197-00 <sup>b</sup>		.021	CR	Right	Tek-made
.150	1 x 2	Black	352-0198-00		.023	CR	Right	Tek-made
.150	1 x 2	Brown	352-0198-01		.025	CR	Right	Tek-made
.150	1 x 2	Red	352-0198-02		.027	CR	Right	Tek-made
.150	1 x 2	Orange	352-0198-03		.026	CR	Right	Tek-made
.150	1 x 2	Yellow	352-0198-04		.027	CR	Right	Tek-made
.150	1 x 2	Green	352-0198-05		.026	CR	Right	Tek-made
.150	1 x 2	Blue	352-0198-06		.027	CR	Right	Tek-made
.150	1 x 2	Violet	352-0198-07		.027	CR	Right	Tek-made
.150	1 x 2	Gray	352-0198-08		.023	CR	Right	Tek-made
.150	1 x 2	White	352-0198-09		.029	CR	Right	Tek-made
.150	1 x 3	Black	352-0199-00 <sup>b</sup>		.041	CR	Right	Tek-made
.150	1 x 3	Brown	352-0199-01		.028	CR	Right	Tek-made
.150	1 x 3	Red	352-0199-02		.031	CR	Right	Tek-made
.150	1 x 3	Orange	352-0199-03 <sup>b</sup>		.026	CR	Right	Tek-made
.150	1 x 3	Yellow	352-0199-04		.030	CR	Right	Tek-made
.150	1 x 3	Green	352-0199-05		.026	CR	Right	Tek-made
.150	1 x 3	Blue	352-0199-06		.030	CR	Right	Tek-made
.150	1 x 3	Violet	352-0199-07		.027	CR	Right	Tek-made
.150	1 x 3	Gray	352-0199-08		.026	CS	Right	Tek-made
.150	1 x 3	White	352-0199-09		.034	CR	Right	Tek-made
.150	1 x 4	Black	352-0200-00 <sup>b</sup>	U	.043	CR	Right	Tek-made
.150	1 x 4	Brown	352-0200-01		.046	CR	Right	Tek-made
.150	1 x 4	Red	352-0200-02		.049	CR	Right	Tek-made
.150	1 x 4	Orange	352-0200-03 <sup>b</sup>		.047	CR	Right	Tek-made
.150	1 x 4	Yellow	352-0200-04		.048	CR	Right	Tek-made
.150	1 x 4	Green	352-0200-05		.047	CR	Right	Tek-made
.150	1 x 4	Blue	352-0200-06		.048	CR	Right	Tek-made
.150	1 x 4	Violet	352-0200-07		.048	CR	Right	Tek-made
.150	1 x 4	Gray	352-0200-08		.044	CR	Right	Tek-made
.150	1 x 4	White	352-0200-09		.052	CR	Right	Tek-made
.150	1 x 5	Black	352-0201-00		.043	CR	Right	Tek-made
.150	1 x 5	Brown	352-0201-01 <sup>b</sup>		.046	CR	Right	Tek-made
.150	1 x 5	Red	352-0201-02		.049	CR	Right	Tek-made
.150	1 x 5	Orange	352-0201-03		.047	CR	Right	Tek-made
.150	1 x 5	Yellow	352-0201-04		.048	CR	Right	Tek-made
.150	1 x 5	Green	352-0201-05		.047	CR	Right	Tek-made
.150	1 x 5	Blue	352-0201-06		.048	CR	Right	Tek-made
.150	1 x 5	Violet	352-0201-07		.048	CR	Right	Tek-made
.150	1 x 5	Gray	352-0201-08		.044	CS	Right	Tek-made
.150	1 x 5	White	352-0201-09		.052	CR	Right	Tek-made

Available only on .150 centers in single rows up to 10 positions. Ten colors in EIA standard coding are available, but black is recommended for new design.  
Material: Polycarbonate with UL 94V-0 rating. UL Recognized

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

**.025 INTERCONNECTION SYSTEM (cont)**

**MAXI PV TERMINAL CONNECTOR HOLDERS (cont)**

Contact Centers	Number of Contacts	Color	Part Number	Codes <sup>a</sup>			Arrow	Source
				ND	Cost	ST		
.150	1 x 6	Black	352-0202-00 <sup>b</sup>	U	.043	CR	Right	Tek-made
.150	1 x 6	Brown	352-0202-01		.048	CR	Right	Tek-made
.150	1 x 6	Red	352-0202-02		.049	CR	Right	Tek-made
.150	1 x 6	Orange	352-0202-03		.047	CR	Right	Tek-made
.150	1 x 6	Yellow	352-0202-04		.048	CR	Right	Tek-made
.150	1 x 6	Green	352-0202-05		.047	CR	Right	Tek-made
.150	1 x 6	Blue	352-0202-06		.048	CR	Right	Tek-made
.150	1 x 6	Violet	352-0202-07		.048	CR	Right	Tek-made
.150	1 x 6	Gray	352-0202-08		.044	CR	Right	Tek-made
.150	1 x 6	White	352-0202-09 <sup>b</sup>		.052	CR	Right	Tek-made
.150	1 x 7	Black	352-0203-00 <sup>b</sup>	A	.045	CR	Right	Tek-made
.150	1 x 7	Brown	352-0203-01		.048	CR	Right	Tek-made
.150	1 x 7	Red	352-0203-02		.053	CR	Right	Tek-made
.150	1 x 7	Orange	352-0203-03		.050	CR	Right	Tek-made
.150	1 x 7	Yellow	352-0203-04 <sup>b</sup>		.052	CR	Right	Tek-made
.150	1 x 7	Green	352-0203-05		.050	CR	Right	Tek-made
.150	1 x 7	Blue	352-0203-06		.052	CR	Right	Tek-made
.150	1 x 7	Violet	352-0203-07		.052	CS	Right	Tek-made
.150	1 x 7	Gray	352-0203-08		.046	CR	Right	Tek-made
.150	1 x 7	White	352-0203-09		.057	OT	Right	Tek-made
.150	1 x 8	Black	352-0204-00		.067	CR	Right	Tek-made
.150	1 x 8	Brown	352-0204-01		.072	CR	Right	Tek-made
.150	1 x 8	Red	352-0204-02		.078	CR	Right	Tek-made
.150	1 x 8	Orange	352-0204-03		.075	CR	Right	Tek-made
.150	1 x 8	Yellow	352-0204-04		.078	OT	Right	Tek-made
.150	1 x 8	Green	352-0204-05 <sup>b</sup>		.075	CR	Right	Tek-made
.150	1 x 8	Blue	352-0204-06		.078	CR	Right	Tek-made
.150	1 x 8	Violet	352-0204-07		.078	CR	Right	Tek-made
.150	1 x 8	Gray	352-0204-08		.068	CR	Right	Tek-made
.150	1 x 8	White	352-0204-09		.085	CR	Right	Tek-made
.150	1 x 9	Black	352-0205-00		.067	CR	Right	Tek-made
.150	1 x 9	Brown	352-0205-01		.072	CR	Right	Tek-made
.150	1 x 9	Red	352-0205-02		.078	CR	Right	Tek-made
.150	1 x 9	Orange	352-0205-03		.075	CR	Right	Tek-made
.150	1 x 9	Yellow	352-0205-04		.078	CR	Right	Tek-made
.150	1 x 9	Green	352-0205-05		.075	CR	Right	Tek-made
.150	1 x 9	Blue	352-0205-06		.078	CR	Right	Tek-made
.150	1 x 9	Violet	352-0205-07		.078	CR	Right	Tek-made
.150	1 x 9	Gray	352-0205-08		.068	CR	Right	Tek-made
.150	1 x 9	White	352-0205-09		.085	CR	Right	Tek-made
.150	1 x 10	Black	352-0206-00		.069	CR	Right	Tek-made
.150	1 x 10	Brown	352-0206-01		.075	CR	Right	Tek-made
.150	1 x 10	Red	352-0206-02		.082	CR	Right	Tek-made
.150	1 x 10	Orange	352-0206-03		.078	CR	Right	Tek-made
.150	1 x 10	Yellow	352-0206-04		.082	CR	Right	Tek-made
.150	1 x 10	Green	352-0206-05		.078	CR	Right	Tek-made
.150	1 x 10	Blue	352-0206-06		.082	CR	Right	Tek-made
.150	1 x 10	Violet	352-0206-07		.082	CR	Right	Tek-made
.150	1 x 10	Gray	352-0206-08		.070	CR	Right	Tek-made
.150	1 x 10	White	352-0206-09		.089	CR	Right	Tek-made


Available only on .150 centers in single rows up to 10 positions. Ten colors in EIA standard coding are available, but black is recommended for new design.  
Material: Polycarbonate with UL 94V-0 rating. UL Recognized

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



<sup>b</sup> Safety controlled.

## .025 INTERCONNECTION SYSTEM (cont)

### RIGHT ANGLE

						
Wire Size (AWG)	Maximum Electrical Rating	Discrete Wire Insulation Range (No Housing)	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
20-18	6.5 A	.050 - .105	131-0740-01		.225	CR
26-22	5. A	.035 - .060	131-0512-02		.157	CR
32-28	1.5 A		131-0755-01		.182	CR
<p>This connector mates with a .025 inch square post perpendicular to the post. To insure reliable connection the associated holder (351-0155-00) should be used.</p>						

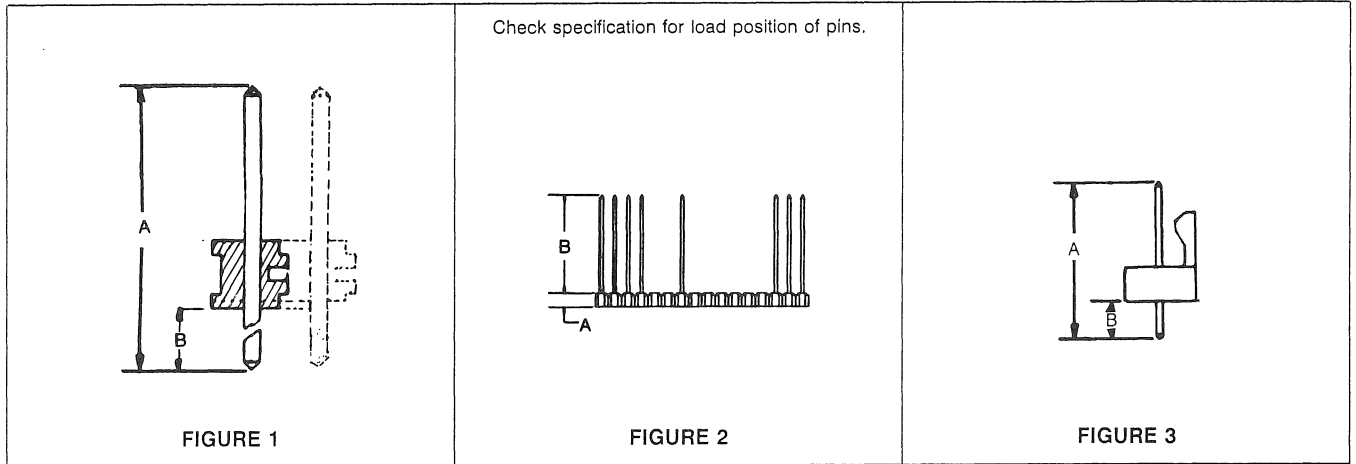
### SOCKET PIN TERMINAL

 <p><b>FIGURE 1</b></p>			 <p><b>FIGURE 2</b></p>			
Figure	Current Rating	Other	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
1	3. A	Strip Form	136-0263-04		.081	CR
1	4.5 A	Loose Pieces	136-0263-06		.146	CR
1	4.5 A Max	Strip Form for Automatic Insertion	136-0263-07		.073	CR
2	2. A	Strip Form for Automatic Insertion, Accepts .195 Inch Long Pin	136-0328-03		.078	CR
2	3. A Max	Strip Form, Accepts .230 Inch Minimum Long Pin	136-0328-02		.110	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**.025 INTERCONNECTION SYSTEM (cont)**

**HEADERS, STRAIGHT**



Number of Pins	Length of Carrier Strip	Dimensions		Figure	Part Number	Codes <sup>a</sup>		
		A	B			ND	Cost	ST
<b>.100 Centers</b>								
1 x 2	.150	.660	.250	1	131-4083-00		.200	CR
1 x 2	.184	.440	.120	1	131-4546-00	A		EN
1 x 2	.200	.535	.140	1	131-3270-00		.065	CR
1 x 2	.200	.535	.140	1	131-3486-00		.048	CR
1 x 2	.200	.560	.140	3	131-4319-00		.200	PP
1 x 2	3.600	.425	.095	1	131-3531-00		.250	CR
1 x 3	.300	.445	.110	1	131-4534-00			EN
1 x 4	.400	.535	.140	1	131-3269-00	A	.097	CR
1 x 4	.400	.535	.140	1	131-3271-00	A	.096	CR
1 x 4	.405 Max	.560	.135	1	131-3006-00 <sup>b</sup>		.100	CR
1 x 4	.470 Max	.555	.120	1	131-2970-00		.358	CR
1 x 5	.484	.660	.250	1	131-3916-00		.310	CR
1 x 5	.500	.570	.140	1	131-3730-00		.280	CR
1 x 6	.600	.535	.140	1	131-3272-00	A	.167	CR
1 x 7	4.500	.318	.110	1	131-3529-00	U	.830	CR
1 x 8		.535	.140	1	131-3275-00 <sup>b</sup>		9.660	CR
1 x 8	.784	.660	.250	1	131-3917-00		1.060	EN
1 x 8	.800	.525	.104	1	131-2372-00	U	.500	CR
1 x 10	.984	.430	.110	1	131-3392-00		.700	CR
1 x 10	1.000	.560	.140	3	131-4543-00			EN
1 x 12	3.589	.480	.150	1	131-3532-00		.917	CR
1 x 19	2.480	.630	.100	2	131-3229-00		.510	OT
1 x 19	3.000	.630	.100	2	131-3228-01		.630	CR
1 x 20	2.700	.630	.100	2	131-3228-00		.570	CR
1 x 21	2.980	.630	.100	2	131-3346-00		2.225	CR
1 x 21	3.380	.630	.100	2	131-3229-01		.670	OT
1 x 24	2.885	.630	.100	2	131-3345-00		2.543	CR
1 x 25	2.620 Max	.555	.120	1	131-2968-00		1.430	CR
1 x 30					131-1954-00			OB
1 x 36	3.600 Max	.450	.100	1	131-1857-00		1.650	CR
1 x 36	3.600 Max	.525	.195	1	131-1343-00		1.690	CR
1 x 36	3.600 Max	.568	.150	1	131-3340-00		2.570	CR
1 x 36	3.600	.725	.400	1	131-1614-00 <sup>b</sup>		2.230	CR
1 x 36	3.600 Max	.924	.412	1	131-1934-00		2.900	CR
1 x 36	3.600 Max	.965	.635	1	131-2651-00		1.850	CR
1 x 36	3.600 Max	.965	.635	1	131-2651-01	U	2.660	CR
1 x 36	3.600 Max	.965	.635	1	131-3059-00	U	3.020	CR
1 x 36	3.600 Max	1.225	.230	1	131-2132-00		1.840	CR
1 x 36	3.600	1.225	.230	1	131-2132-01		2.310	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## .025 INTERCONNECTION SYSTEM (cont)

### HEADERS, STRAIGHT (cont)

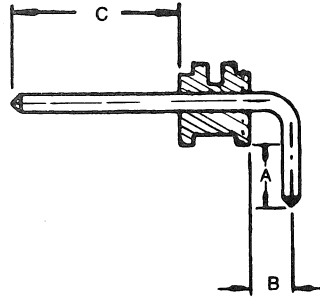
Number of Pins	Length of Carrier Strip	Dimensions		Figure	Part Number	Codes <sup>a</sup>		
		A	B			ND	Cost	ST
					<b>.100 Centers</b>			
2 x 1	.200	.560	.135	1	131-4122-00		.145	CR
2 x 4	.390 Max	.560	.230	1	131-3233-00		.585	CR
2 x 5	.550 Max	.425	.095	1	131-3178-00		.510	CR
2 x 6	.700	.525	.107	1	131-3213-00		.808	CR
2 x 8	.790 Max	.445	.110	1	131-3908-00		.710	CR
2 x 8	.800	.560	.230	1	131-2230-00		1.193	CR
2 x 8	.920 Max	.425	.095	1	131-3049-00		1.090	CR
2 x 10	1.105	.525	.107	1	131-3074-00		1.150	CR
2 x 11	1.100	.728	.110	1	131-4157-00		1.590	PP
2 x 12	1.200 Max	.518	.110	1	131-4436-00		.122	PP
2 x 17	1.702 Max	.425	.095	1	131-0091-00		1.900	CR
2 x 20	2.000 Max	.560 Max	.230	1	131-2238-00	U	2.960	CR
2 x 25	2.500 Max	.425	.095	1	131-2401-00	U	2.190	CR
2 x 28	2.784	.508	.090	1	131-2812-00	U	3.890	CR
2 x 32	3.190 Max	.445	.110	1	131-4257-00		2.760	PP
2 x 34	1.684	.430	.110	1	131-3812-00		2.030	CR
2 x 36	3.580	.543	.125	1	131-4247-00		1.960	PP
2 x 40	3.984	.928	.520	1	131-2171-00		8.820	CR
					<b>.125 Centers</b>			
1 x 31	4.650 Max	.555	.130	1	131-4177-00		1.430	CR
1 x 36	4.500 Max	.525	.195	1	131-2607-00		3.440	OT
					<b>.150 Centers</b>			
1 x 14	2.145 Max	.615	.285	1	131-1939-00		.920	CR
1 x 31	4.650 Max	.825 Max	.230	1	131-1634-00		2.340	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



**.025 INTERCONNECTION SYSTEM (cont)**

**HEADERS, SINGLE ROW RIGHT ANGLE**

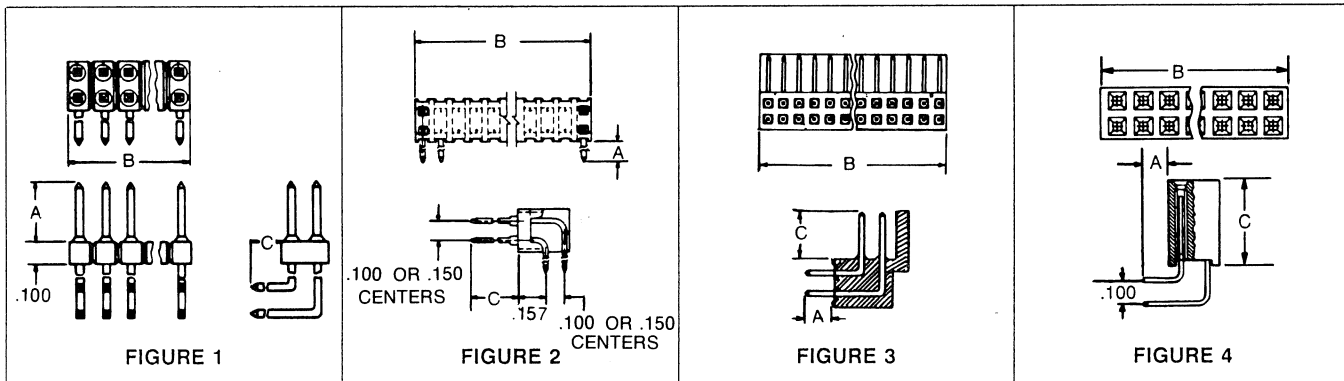


Number of Pins	Length of Carrier Strip	Dimensions			Part Number	Codes <sup>a</sup>		
		A	B	C		ND	Cost	ST
					<b>.100 Centers</b>			
1 x 1	.100	.120	.060		131-3526-00		.110	CR
1 x 2	.192	.110		.318	131-3766-00		.200	CR
1 x 4		.110	.060	.400	131-3146-00	U		DL
1 x 4	.384	.110	.018	.318	131-2919-00		.290	CR
1 x 5	.500 Max	.090	.060	.230	131-4553-00			EN
1 x 8	.800 Max	.090	.060	.230	131-4554-00			EN
1 x 10	.984 Max	.110	.060	.318	131-3241-00		1.440	CR
1 x 12	1.200	.132	.060	.400	131-1614-02		2.586	CR
1 x 12	3.583	.120	.060	.230	131-3537-00		.810	CR
1 x 13	1.299	.110	.157	.318	131-1960-00		1.820	CS
1 x 16	1.900	.135	.018	.600	131-3553-00		1.450	CR
1 x 17	1.750 Max	.390	.060	.230	131-2072-00			OB
1 x 17	1.750 Max	.490	.160	.230	131-2073-00			OB
1 x 20	2.000	.132	.060	.140	131-1614-01		2.586	CR
1 x 36	3.584	.090	.060	.230	131-1425-00	U	2.100	CR
1 x 36	3.584	.195	.160	.230	131-1426-00		2.370	CR
1 x 36	3.600 Max	.220	.160	.230	131-3153-00		2.880	CR
					<b>.150 Centers</b>			
1 x 10	1.350	.334	.210	.230	131-2757-00		1.040	CR
1 x 10	1.500 Max	.215	.060	.230	131-3046-00		.599	CR
1 x 10	1.640	.120	.060	.230	131-1811-00		.460	CR
1 x 10	1.640	.270	.210	.230	131-1812-00		.620	CR
1 x 31	4.650	.120	.060	.230	131-1806-00		1.900	CR
1 x 31	4.650	.270	.210	.230	131-1807-00		3.670	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

# .025 INTERCONNECTION SYSTEM (cont)

## HEADERS, DOUBLE ROW RIGHT ANGLE



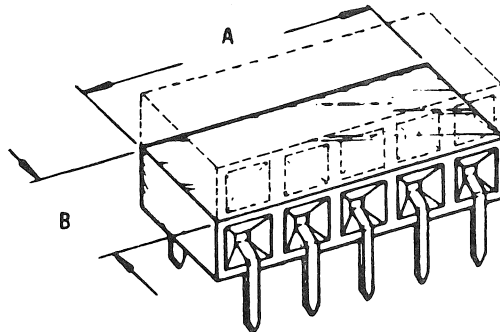
Number of Pins	Dimensions			Figure	Part Number	Code <sup>a</sup>		
	A	B	C			ND	Cost	ST
					<b>.100 Centers</b>			
2 x 1	.110	.684	.318	2	131-2921-00		.210	CR
2 x 3	.110	.084	.318	2	131-3058-00		.420	CR
2 x 3	.230	3.589	.195	1	131-3961-00		.580	CR
2 x 4	.110	.384	.318	2	131-3851-00		.300	EN
2 x 5	.110	.484	.318	2	131-2920-00		.610	CR
2 x 7	.110	.684	.318	2	131-2306-00		.910	CS
2 x 7	.230	4.500 Max	.160	1	131-3530-00		1.600	CR
2 x 8	.090	.800 Max	.230	3	131-2971-00		1.710	CR
2 x 9	.110	.884	.318	2	131-1986-00		1.730	CS
2 x 10	.090	1.380	.230	3	131-1789-00		1.580	CR
2 x 10	.110	.979	.318	2	131-2514-00		1.890	CR
2 x 10	.230	.980	.100	1	131-3597-00		1.170	CR
2 x 13	.110	1.284	.318	2	131-3103-00		3.320	CR
2 x 13	.720	1.284	.318	2	131-1964-00		4.980	CR
2 x 15	.500	2.500 Max	.110	1	131-3418-00		3.460	PP
2 x 17	.090	1.700	.230	3	131-2567-00		3.050	CR
2 x 17	.090	1.715	.230	3	131-2615-00		2.110	CR
2 x 17	.100	1.720 Max	.335	4	131-3398-00		1.648	CR
2 x 17	.150	1.700 Max	.230	3	131-2797-00		3.440	CR
2 x 17	.150	1.715 Max	.280	3	131-4226-00		3.060	PP
2 x 17	.230	1.755 Max	.095	1	131-2985-00		2.200	CR
2 x 17	.318	1.700 Max	.110	1	131-2222-00	U	1.750	CR
2 x 17	.500	1.700	.110	1	131-3829-00		1.350	CR
2 x 20	.318	2.050 Max	.110	1	131-2814-00		2.860	CR
2 x 20	.500	2.500 Max	.110	1	131-3417-00		4.610	PP
2 x 21	.110	2.084	.318	2	131-2606-00		3.500	CS
2 x 25	.090	2.500	.230	3	131-2860-00		6.030	CR
2 x 25	.318	2.500 Max	.110	1	131-2221-00		4.080	CR
2 x 25	.345	2.500 Max	.110	1	131-3460-00		2.710	CR
2 x 36	.318	3.600 Max	.110	1	131-3253-00		1.300	CR
					<b>.150 Centers</b>			
2 x 6	.110	.840	.318	2	131-2195-00		1.220	CR
2 x 11	.110	1.590	.318	2	131-3232-00		2.230	PP
2 x 12	.107	1.740	.318	2	131-2194-00		2.380	OT
2 x 12	.110	1.740	.318	2	131-2194-01		2.400	CS
2 x 21	.110	3.134	.318	2	131-1844-00	A	2.830	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## .025 INTERCONNECTION SYSTEM (cont)

### CONNECTOR, RECEPTACLE, CIRCUIT BOARD HORIZONTAL MOUNT - RIGHT ANGLE, SIDE ENTRY

Rectangular molded-plastic bodies contain gold plated contacts--mate with 0.025 square pins. Pin insertion should be 0.230 inch minimum for single-row connectors, and 0.250 ± 0.020 inch for the double-row connectors.



Number of Positions	Material	Dimensions		Part Number	Codes <sup>a</sup>		
		A	B		ND	Cost	ST
				<b>.100 Centers</b>			
1 x 2	DAP, Green	.240	.330	131-1746-00	U	.580	CS
1 x 3	DAP, Green	.340	.330	131-2189-00		.950	CR
1 x 4	Phenolic, Black	.440	.330	131-3145-00			DL
1 x 4		.395	.350	131-4230-00		.310	PP
1 x 5	DAP, Green	.540	.330	131-2002-00		1.110	CR
1 x 6	DAP, Green	.640	.330	131-1771-00		.930	CR
1 x 8	Polyester or Phenolic	.815	.330	131-2371-00		1.440	CR
1 x 8	Polyester	1.020	.275	131-2126-00		.558	CS
1 x 12	DAP, Green	1.200	.330	131-1633-00	U	2.700	CR
1 x 13	DAP, Green	1.340	.330	131-1881-00		2.600	CS
1 x 15	DAP, Green	1.540	.330	136-0577-00		3.330	CR
1 x 20	DAP, Green	2.040	.330	131-1632-00	U	4.440	CR
1 x 24	DAP, Green	2.440	.330	131-2114-00	U		OB
1 x 27	DAP, Green	2.840	.330	131-1908-00			OB
1 x 29	DAP, Green	2.940	.330	131-1947-00			OB
1 x 31	DAP, Green	3.140	.330	131-1949-00			OB
1 x 33	Phenolic, Black	3.340	.330	131-1951-00			OB
1 x 34	Phenolic, Black or DAP	3.440	.330	131-2363-00	U	5.693	CR
1 x 55	Phenolic, Black	5.540	.320	131-2362-00	U	10.280	CR
2 x 6	Phenolic	.585	.340	131-2888-00		1.540	CR
2 x 7	Phenolic	.685	.340	131-2889-00		1.560	CR
2 x 9	Phenolic, Black	.940	.330	136-0715-00			DL
2 x 10	Nylon	1.006	.335	131-2183-00	U	2.030	CR
2 x 12	Phenolic	1.185	.340	131-2890-00		1.780	CR
2 x 12	Nylon	1.206	.335	131-3071-00		2.320	CR
2 x 13	Phenolic, Black	1.340	.330	131-2858-00		5.820	CR
2 x 17	Phenolic, Black	1.740	.320	131-2600-00	A	4.250	CR
2 x 17		1.740	.320	131-4214-00		3.800	CR
2 x 18	Phenolic, Black	1.840	.330	131-1607-00		2.330	CR
2 x 22	Phenolic, Black or DAP, Green	2.185	.340	131-2887-00		2.470	CR
2 x 25	Polyetherimide	2.675	.330	131-3458-00		8.000	CR
2 x 25	Polyetherimide, Black	2.758	.330	131-4011-00 <sup>b</sup>		8.520	CR
2 x 28	Phenolic, Black	2.840	.320	131-2602-00	U	3.260	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

**.025 INTERCONNECTION SYSTEM (cont)**  
**CONNECTOR, RECEPTACLE, CIRCUIT BOARD (cont)**  
**HORIZONTAL MOUNT - RIGHT ANGLE, SIDE ENTRY (cont)**

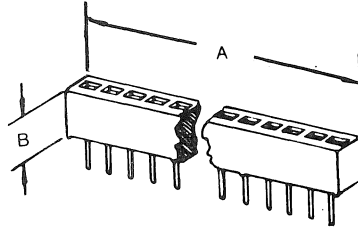
Number of Positions	Material	Dimensions		Part Number	Codes <sup>a</sup>		
		A	B		ND	Cost	ST
				<u>.100 Centers</u>			
2 x 36	DAP, Green	3.640	.330	131-1739-00		14.370	CR
2 x 45	Phenolic	4.450	.330	131-2616-00		4.480	CR
2 x 46	Phenolic, Black	4.640	.320	131-2603-00		12.870	CS
				<u>.150 Centers</u>			
1 x 3	Polyester, Blue	.440	.330	131-3328-00		1.500	PP
1 x 5	DAP, Green	.736		204-0683-00 <sup>b</sup>		.330	CR
1 x 5	Polyester, Black	.740	.330	136-0461-00		1.110	OT
1 x 7	Nylon	1.040	.330	136-0546-00		1.520	CR
2 x 5	Phenolic, Black	.736	.330	131-2039-00			OB
2 x 6	DAP, Green	.890	.330	131-2196-00	U	2.660	CR
2 x 11	DAP, Blue or Phenolic, Black	1.640	.320	131-3091-00		4.550	CR
2 x 12	DAP, Green	1.790	.330	131-2167-00	U	3.030	CR
2 x 19	DAP, Green	2.820	.330	131-1711-00			OB
2 x 42	Phenolic, Black	6.290	.320	131-1717-00		7.730	CS
2 x 42	Phenolic, Black AMP Only	6.290	.320	131-1717-01		10.100	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Housing only

**.025 INTERCONNECTION SYSTEM (cont)**

**CONNECTOR, RECEPTACLE, CIRCUIT BOARD (cont)  
VERTICAL MOUNT**



Number of Contacts	Dimensions		Entry	Comments	Part Number	Codes <sup>a</sup>		
	A	B				ND	Cost	ST
					<b>.050 Centers</b>			
2 x 20	1.016	.180	Top		131-4109-00		3.550	PP
2 x 30	1.516	.180	Top		131-3612-00 <sup>b</sup>		6.000	CR
2 x 50	2.516	.180	Top		131-3523-00		12.080	CR
2 x 50	2.516	.180	Top		131-4378-00		12.080	PP
					<b>.100 Centers</b>			
1 x 3	.306 Max	.295	Top		131-2676-00	U	.930	CR
1 x 4	.395	.350	Top		131-3772-00		.260	CR
1 x 4	.400 Max	.335 Max	Top		131-2631-00		1.210	CR
1 x 4	.400	.140	Top		131-3344-00	U	.870	CS
1 x 4	.406	.265	Top		131-2975-00		1.260	CR
1 x 5	1.047	.327	Side		131-3969-00		.780	PP
1 x 5	.500	.280	Top		131-4140-00		.320	PP
1 x 5	.500	.335	Top		131-4077-00		1.110	EN
1 x 6	.600	.335	Top		131-2471-00		1.270	CR
1 x 6	.600 Max	.160	Top		131-3176-00		.129	CR
1 x 7	.706 Max	.335 Max	Top		131-2677-00	U		DL
1 x 7	.700	.335	Top		131-2851-00		2.160	CS
1 x 7	.697	.160	Top	SIP	131-3798-00		.150	CR
1 x 8	.800	.280	Top		131-4141-00		.320	CR
1 x 10	1.000	.280	Top		131-4142-00		.390	CR
1 x 10	2.047	.327	Side		131-3970-00		1.550	PP
1 x 10	1.000 Max	.335 Max	Top		131-2601-00	A	1.670	OT
1 x 10	1.000	.245	Top		131-3391-00		1.310	OT
1 x 14	1.400	.335	Top		131-2630-00			DL
1 x 15	1.500 Max	.335 Max	Top		131-2173-00		2.090	CR
1 x 15	1.497	.160	Top	SIP	131-3625-00		.338	CR
1 x 16	1.595	.112	Top		131-4095-00		.880	CR
1 x 17	1.700 Max	.335 Max	Top		131-2184-00		1.690	CR
1 x 17	1.697	.160	Top	SIP	131-3626-00		.383	CR
1 x 20	1.995	.112	Top		131-4094-00		1.090	CR
1 x 20	1.997	.160	Top	SIP	131-3624-00		.450	CR
1 x 22	2.200 Max	.295	Top		131-2831-00		2.850	CS
1 x 23	2.300	.335	Top		131-2632-00			OB
1 x 25	2.500	.215	Top		136-0449-00		.981	CR
1 x 25	2.500 Max	.335 Max	Top		131-2174-00		5.550	CR
1 x 25	2.497	.160	Top	SIP	131-3623-00		.563	CR
1 x 26	2.600	.335	Top		131-2634-00			OB
1 x 28	2.806	.140	Top		131-3349-00	A		DL
1 x 28	2.800	.100	Top		131-3319-00	A		DL
1 x 36	3.600	.335	Top		131-3057-00			NP

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

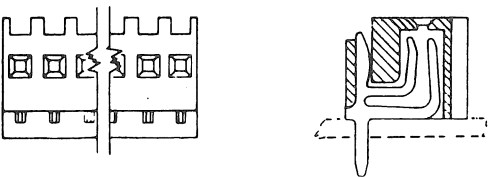
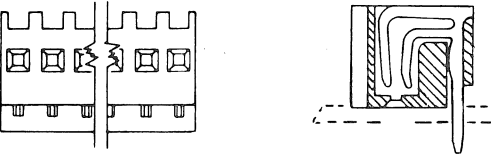
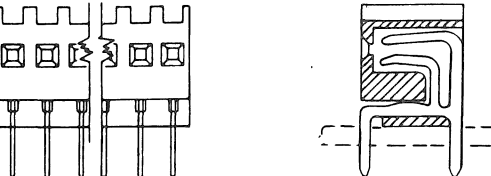
**.025 INTERCONNECTION SYSTEM (cont)**  
**CONNECTOR, RECEPTACLE, CIRCUIT BOARD (cont)**  
**VERTICAL MOUNT (cont)**

Number of Contacts	Dimensions		Entry	Comments	Part Number	Codes <sup>a</sup>		
	A	B				ND	Cost	ST
					<u>.100 Centers</u>			
2 x 2	.206	.240	Top		131-3256-00			DL
2 x 5	.540	.330	Side		131-2724-00		1.600	CR
2 x 6	.606	.265	Bottom		131-3184-00		2.520	CR
2 x 6	.306	.245	Top		131-3785-00		1.910	CR
2 x 8	.798	.238	Top		131-3388-00			NP
2 x 8	.806	.240	Top		131-3343-00	U	1.450	CS
2 x 8	.998	.320	Top		131-3388-01		1.710	CR
2 x 10	1.000	.320	Top		131-2515-00		2.180	CR
2 x 10	1.198	.320	Top		131-3478-01		1.870	CR
2 x 11	1.106	.240	Top		131-3347-00	A		DL
2 x 11	1.100 Max	.200	Top		131-3317-00	A		DL
2 x 13	1.304	.240	Top		131-3230-00	A		DL
2 x 16	1.606	.240	Top		131-3223-00	U	5.020	CS
2 x 17	1.699	.250	Top		131-3996-00		1.950	CR
2 x 20	2.000 Max	.200	Top		131-3318-00	A		DL
2 x 20	2.006	.240	Top		131-3348-00	A		DL
2 x 20	1.998	.238	Top		131-3222-00		3.390	CR
2 x 20	2.000 Max	.335 Max	Top		131-3452-00		3.450	EN
2 x 25	2.506	.265	Top		131-2974-00		7.210	CR
2 x 25	2.500	.335	Top		131-3433-00		7.000	PP
2 x 27	2.706	.240	Top		131-3231-00	A		DL
2 x 34	3.395	.340	Top		131-3902-00		9.450	CR
2 x 34	1.706	.245	Top		131-3810-00		3.150	CR
2 x 34	3.400	.335	Top		131-3434-00		13.360	PP
2 x 40	4.006	.240	Top		131-3224-00	U	9.870	CS
					<u>.150 Centers</u>			
2 x 10	1.500 Max	.380	Top		131-2125-00			OB
					<u>.200 Centers</u>			
1 x 12	2.447	.327	Side		131-4263-00			EN
1 x 12	2.447	.327	Side		131-4201-00		5.580	CR
1 x 12	2.447	.472	Top		131-4190-00		1.860	PP
1 x 14	2.847	.327	Side		131-4165-00		2.170	EN
1 x 15	3.047	.472	Top		131-3791-00		2.320	CR
1 x 15	3.047	.327	Side		131-3684-00 <sup>b</sup>		1.365	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

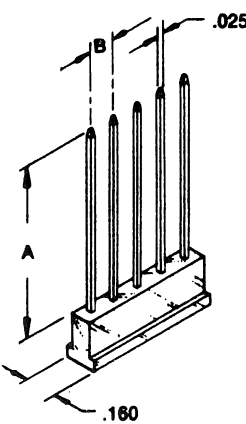
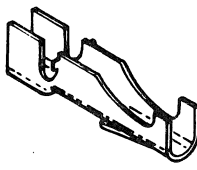
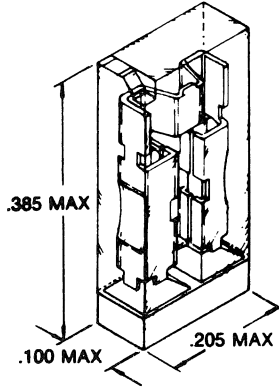
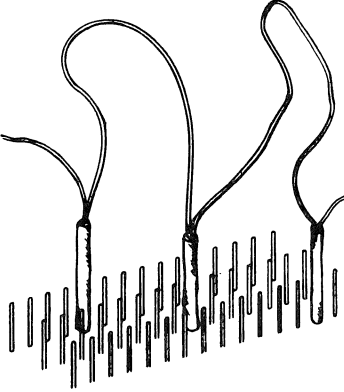
**.025 INTERCONNECTION SYSTEM (cont)**  
**CONNECTOR, RECEPTACLE, ELECTRICAL**  
**.100 CENTERS**

TOP ENTRY					
					
Number of Contacts	Length	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
3	.295	136-0658-00			OB
4	.395	136-0678-00		.153	CR
5	.496	131-2131-00		.670	CS
6	.595	136-0558-00		.239	CR
9	1.345 Max	131-3177-00		.322	CR
10	.995	136-0559-00			OB
BOTTOM ENTRY					
					
Number of Contacts	Length	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
2	.195	136-0499-02		.053	CR
4	.395	136-0499-04		.139	CR
6	.595	136-0499-06		.208	CR
8	.795	136-0499-08		.285	CR
10	.995	136-0499-10		.300	CR
10	.996	131-2090-00		.338	CR
12	1.195	136-0499-12		.360	CR
14	1.395	136-0499-14		.500	CR
15	1.496	131-2089-00		1.900	CR
16	1.595	136-0499-16		.701	CR
SIDE ENTRY					
					
Number of Contacts	Length	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
3	.295	131-1882-00		.200	CR
4	.395	136-0630-00		.139	CR
5	.500	131-3045-00		.200	CR
6	.595 Max	136-0547-00	U	.208	CR
8	.795	136-0632-00		.285	CR
9	.895	136-0631-00		.326	CR
10	.995 Max	136-0548-00		.398	CR
10	.996	131-1994-00		.947	CR
15	1.496	131-1995-00		2.600	CS
16	1.476	131-4088-00		.680	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## .025 INTERCONNECTION SYSTEM (cont) CONNECTOR, RECEPTACLE, ELECTRICAL

### INTERCONNECTION AIDS

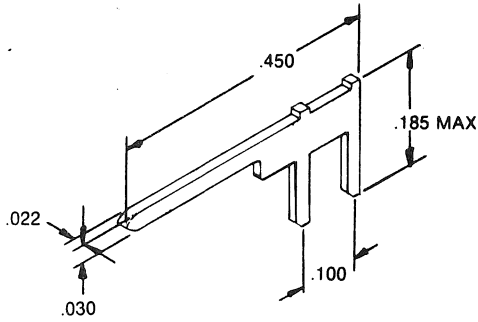
 <p style="text-align: center;">CONNECTOR, PLUG, ELECTRICAL</p>							 <p style="text-align: center;">SECURES WIRE TO BOARD PRIOR TO FLOW SOLDERING</p>							
Number of Pins	Dimensions		Part Number	Codes <sup>a</sup>			Wire Size (AWG)	Insulation Diameter	Circuit Board Hole Size	Circuit Board Thickness	Part Number	Codes <sup>a</sup>		
	A	B		ND	Cost	ST						ND	Cost	ST
1 x 3	1.050	.300	131-2780-00		.450	CR	24-18	.120 Max	.073 - .082	.070 Max	131-2278-00		.155	OT
1 x 5	.750	.150	131-1143-00		.570	CS	24-22	.100 Max	.052 - .062	.062	131-2214-00		.010	CR
1 x 5	.900	.150	131-1820-00		.880	CR	26-22	.062 Max	.046 - .052	.062	343-0854-00		.018	CR
1 x 5	1.050	.150	131-2779-00		.740	CR								
 <p style="text-align: center;">TWO POSITION SHUNT ASSEMBLY, CURRENT RATING 3 AMPS SHORTS TWO, .025 SQUARE PINS ON .100 CENTERS</p>							 <p style="text-align: center;">DAISY CHAIN 175-1333-00 COST:<sup>a</sup> .308 STATUS CODE:<sup>a</sup> CR TERMINAL SPACING: 5 INCHES 250 TERMINALS PER REEL</p>							
Part Number	Color	Codes <sup>a</sup>												
		ND	Cost	ST										
131-0993-00	Black		.180	CR										
131-0993-01	Brown		.430	CR										
131-0993-02	Red		.287	CR										
131-0993-03	Orange		.430	CR										
131-0993-04	Yellow		.430	CR										
131-0993-05	Green		.287	CR										
131-0993-06	Blue		.430	CR										
131-0993-07	Violet		.365	CR										
131-0993-08	Gray		.587	CR										
131-0993-09	White		.287	CR										

<sup>a</sup> The nominal price (at time of printing) is listed as the cost or in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



**.025 INTERCONNECTION SYSTEM (cont)**  
**CONNECTOR, RECEPTACLE, ELECTRICAL (cont)**

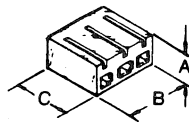
**INTERCONNECTION AIDS (cont)**  
**"F" POST**



131-1261-00  
COST:<sup>a</sup> .036 STATUS CODE:<sup>a</sup> CR  
TIN PLATED BRASS, STRIP FORM

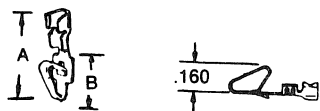
<sup>a</sup> The nominal price (at time of printing) is listed as the cost. For Status Codes, see tab marked CODES in the back of this catalog.

## .045 INTERCONNECTION SYSTEM TERMINAL CONNECTOR HOLDERS



Centers	Number of Terminals	Dimensions			Contact	Part Number	Codes <sup>a</sup>		
		A	B	C			ND	Cost	ST
.156	1 x 2	.250	.308	.630	Standard	204-0870-00		.110	CS
.156	1 x 3	.250	.464	.630	Standard	204-0671-00		.055	CR
.156	1 x 4	.250	.620	.630	Standard	352-0616-00		.148	CS
.156	1 x 4	.260	.656	.670	Trifucon	352-0648-00	U	.168	CS
.156	1 x 5	.250	.780	.630	Standard	204-0749-00		.077	CR
.156	1 x 5	.260	.812	.670	Trifucon	352-0650-00	A	.175	CS
.156	1 x 6	.250	.932	.630	Standard	352-0617-00		.190	CS
.156	1 x 6	.250	.968	.670	Trifucon	352-0697-00		.232	CR
.156	1 x 7	.250	1.088	.630	Standard	352-0577-00		.154	CR
.156	1 x 7	.260	1.124	.670	Trifucon	352-0651-00	U	.180	OT
.156	1 x 8	.250	1.244	.630	Standard	204-0869-00		.090	CS
.156	1 x 10	.250	1.560	.630	Standard	352-0462-00	U	.151	CR
.156	1 x 10	.250	1.560	.640	Standard	352-0647-00		.960	CR
.156	1 x 10	.260	1.592	.670	Trifucon	352-0649-00	U	.142	OT
.156	1 x 12	.250	1.870	.630	Standard	352-0461-00		.163	CS
.156	1 x 12	.260	1.904	.670	Trifucon	352-0698-00		.338	CR
.156	1 x 15	.250	2.340	.630	Standard	204-0751-00		.190	CS
.156	1 x 15	.260	2.372	.670	Trifucon	352-0652-00		.363	CR
.156	1 x 18	.260	2.840	.670	Trifucon	204-0917-00		.669	CS
.156	1 x 20	.250	3.116	.630	Standard	131-2204-00		.218	CS
.156	1 x 24	.250	3.740	.630	Standard	352-0560-00	U		DL
.200	1 x 3	.231	.597	.626	Standard	352-0463-00		.100	CS

## CRIMP TYPE CONTACTS, STANDARD & TRIFUCON



Spring free height is specified as .160 ± .015 inch. Failure to maintain this dimension may result in excessive heating, intermittencies, inadequate retention of the mating pins, etc. (Spring height for 131-1815-00 is .125)

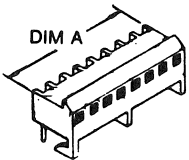
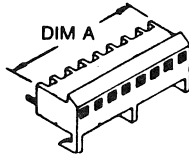
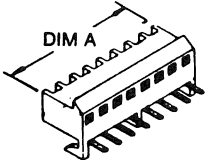
Wire Size (AWG)	Dimensions		Maximum Voltage	Part Number	Codes <sup>a</sup>		
	A	B			ND	Cost	ST
24-18	.540	.250	250 VAC	131-2728-00 <sup>b</sup>		.298	CR
24-18	.540	.250	250 VAC	131-1790-00		.065	CR
26-22	.540	.250	250 VAC	131-1918-00		.177	CR
30-22	.380	.250	250 VAC	131-1815-00		.100	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Trifucon style has three points of contact. Reliability, mate force and price is greater than standard contact.

**.045 INTERCONNECTION SYSTEM (cont)**

**CIRCUIT BOARD CONNECTOR RECEPTACLES**

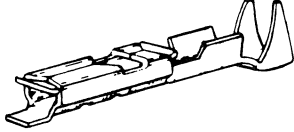
	Contacts	Dim. A	Other	Part Number	Codes <sup>a</sup>			
					ND	Cost	ST	
<p><b>RIGHT ANGLE</b></p> 	1 x 2 Gold Pl	.400	.200 Centers	131-2926-00		.231	CR	
	1 x 3 Gold Pl	.455	.156 Centers	131-3080-00	A	.370	OT	
	1 x 4 Gold Pl	.620	1 Contact Removed, .156 Centers	131-2206-00 <sup>b</sup>	U	.476	CR	
	1 x 5 Gold Pl	.770	.156 Centers	131-3005-00 <sup>b</sup>		.412	CR	
	1 x 5 Gold Pl	.780	.156 Centers	131-2787-00		.640	CR	
	1 x 6 Gold Pl	1.200	.200 Centers	131-2925-00		.944	CR	
	1 x 9 Gold Pl	.400	.156 Centers	131-3081-00	A	.980	OT	
	1 x 10 Gold Pl	1.560	.156 Centers	131-2264-00 <sup>b</sup>		.460	CR	
	1 x 10 Tin Pl	1.560	.156 Centers	131-1749-00	U	.244	CR	
	1 x 10 Tin Pl	1.404	2 & 4 Contacts Removed, .156 Centers	131-1749-01		.370	CS	
	1 x 12 Gold Pl	1.587	.156 Centers	131-1795-00		.480	CR	
	1 x 12 Tin Pl	1.870	.156 Centers	131-1782-00 <sup>b</sup>		.230	CR	
	1 x 14 Tin Pl	1.184	.156 Centers	131-2737-00		1.300	CR	
	1 x 15 Tin Pl	2.342	.156 Centers	131-2077-00		.270	CR	
	1 x 15 Gold Pl	2.340	.156 Centers	131-4086-00		.550	CR	
	2 x 10 Tin Pl	1.214	.049 Centers	131-3414-00		1.110	CR	
	<p><b>TOP ENTRY</b></p> 	1 x 12 Gold Pl	1.870	.156 Centers	131-2418-00	U	.250	CR
		1 x 12 Gold Pl	1.870	.156 Centers	131-3616-00		.396	CR
		1 x 15	2.340	.156 Centers	131-2225-00		.310	CR
<p><b>BOTTOM ENTRY</b></p> 	1 x 8	1.240	.156 Centers	131-2088-00	U	.695	PP	
	1 x 10	1.460	.156 Centers	131-3121-00		.430	CR	
	1 x 10	1.560	.156 Centers	131-2908-00		.342	CR	
	1 x 13	2.024	.156 Centers	131-3638-00		.459	CR	
UL 94V-2 Flame Rating. Nylon Housing Material.								

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

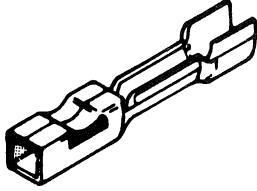
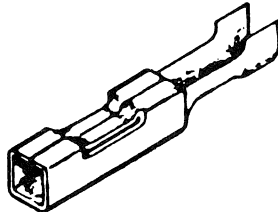
<sup>b</sup> Safety controlled.

## .045 INTERCONNECTION SYSTEM (cont)

### ELECTRICAL CONTACTS

								
Wire Size (AWG)	Maximum Electrical Rating	Berg Housing	Other	Discrete Wire Insulation Range (No Housing)	Part Number	Codes <sup>a</sup>		
						ND	Cost	ST
24-20	6		For .040 Round Pin	.060 - .099	131-0883-00		.052	CR
26-22	7	✓	For .040 Square Pin	.036 - .103	131-1538-00		.280	CR

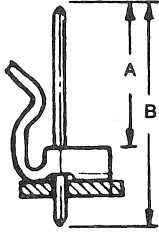
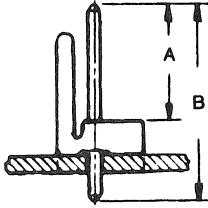
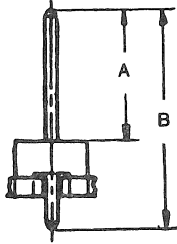
### TERMINAL CONNECTORS

					
Wire Size (AWG)	Insulation Diameter	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
20-16	.100 - .130	131-1981-00	N	.030	CR
27-24	.040 - .060	131-0371-00	N	.028	CR
27-24	.060 - .099	131-1076-00	N	.032	CS
					
Wire Size (AWG)	Insulation Diameter	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
24-20	.060 - .100	131-0677-00	N	.047	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**.045 INTERCONNECTION SYSTEM**

**STRAIGHT**

POLARIZING LOCKING		POLARIZING NON-LOCKING		NON-POLARIZING				
								
FIGURE 1		FIGURE 2		FIGURE 3				
Number of Terminals	Dimensions		Figure	Pin Style	Part Number	Codes <sup>a</sup>		
	A	B				ND	Cost	ST
2 Gold Plated (.156 Spacing)	.450	.750	1	Square	131-4363-00		.240	PP
2 Gold Plated	.450	.750	2	Round	131-3258-00		.161	CR
2 Gold Plated (.200 Spacing)	.460	.750	3	Square	131-2923-00		.119	CR
2 Tin Plated	.450	.750	2	Round	131-2485-00		.076	CR
3 Gold Plated (.156 Spacing)	.450	.750	2	Square	131-2992-00		.187	CR
3 Gold Plated (.156 Spacing)	.450	.750	2	Round	131-2247-00		.480	CR
3 Tin Plated (.100 Spacing)	.295	.535	3	Square	131-3645-00		.073	CR
4 Gold Plated	.450	.750	2	Round	131-2789-00 <sup>b</sup>	U	.226	CR
4 Gold Plated (.156 Spacing)	.450	.750	3	Square	131-3380-00		.330	CR
4 Gold Plated (.156 Spacing)	.450	.750	1	Square	131-3870-00		.355	PP
4 Gold Plated (.156 Spacing)	.450	.750	2	Round	131-3098-00	A	.380	CR
4 Gold Plated	.690	1.000	3	Round	131-2205-00		.351	CR
4 Tin Plated	.250	.538	1	Square	131-4295-00		.160	PP
4 Tin Plated (.156 Spacing)	.450	.750	1	Round	131-3539-00		.120	CR
4 Tin Plated	.450	.750	2	Round	131-2575-00		.122	CR
5 Gold Plated	.450	.750	3	Round	131-2788-00		.340	CR
5 Gold Plated	.450	.750	3	Round	131-3227-00 <sup>b</sup>		.360	CR
5 Gold Plated (.156 Spacing)	.450	.750	2	Square	131-3007-00 <sup>b</sup>		1.200	CR
5 Gold Plated (.156 Spacing)	.450	.750	1	Square	131-3871-00		.444	PP
5 Gold Plated (.156 Spacing)	.455 Min	.750	2	Round	131-2250-00 <sup>b</sup>		.370	CR
6 Gold Plated (.100 Spacing)	.230	.430	3		131-3811-00		.400	CR
6 Gold Plated (.100 Spacing)	.295	.560	1	Square	131-3994-00		.180	CR
6 Gold Plated (.156 Spacing)	.450	.170	2	Square	131-3353-00	A	1.300	CR
6 Gold Plated (.156 Spacing)	.450	.750	2	Round	131-2576-00		.430	CR
6 Gold Plated (.200 Spacing)	.460	.750	3	Square	131-2924-00		1.063	CR
6 Tin Plated (.156 Spacing)	.450	.750	1	Square	131-3641-00		.334	CR
7 Gold Plated (.156 Spacing)	.450	.750	2	Round	131-2527-00		.840	CR
7 Gold Plated	.450	.750	3	Round	131-2664-00 <sup>b</sup>		.770	CR
7 Gold Plated			2	Round	131-2448-00		.560	CS
8 Gold Plated (.156 Spacing)	.450	.750	1	Square	131-3945-00		.690	PP
8 Gold Plated	.455	.750	2	Round	131-2484-00		.494	CR
8 Gold Plated	.937	1.187	3	Square	131-2087-00			DL
8 Tin Plated	.450	.750	2	Square	131-3170-00	U	.258	CR
10 Gold Plated	.380	.750	2	Round	131-2528-00		1.170	CR
10 Gold Plated (.156 Spacing)	.450	.750	3	Square	131-4136-00		.950	PP
10 Gold Plated (.156 Spacing)	.450	.750	3	Round	131-2265-00		.620	CR
10 Gold Plated (.156 Spacing)	.450	1.250	3	Round	131-2393-00		.845	CS
10 Tin Plated (.100 Spacing)	.295	.560	1	Square	131-3993-00		.240	CR
10 Tin Plated	.470	.765	2	Round	131-2217-00		.296	CS
10 Tin Plated	.560	.812	3	Round	131-2115-00		.164	CS
10 Tin Plated	.890	1.188	3	Round	131-1750-00		.195	CS
11 Gold Plated (.156 Spacing)	.450	.750	1	Square	131-3872-00		.980	PP

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

## .045 INTERCONNECTION SYSTEM (cont)

### STRAIGHT (cont)

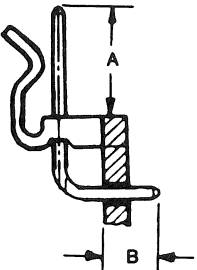
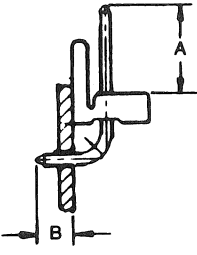
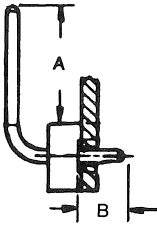
Number of Terminals	Dimensions		Figure	Pin Style	Part Number	Codes <sup>a</sup>		
	A	B				ND	Cost	ST
12 Gold Plated	.450	1.250	3	Round	131-1919-00		1.053	CS
12 Gold Plated	.500	.750	3	Round	131-2403-00		.860	CR
12 Gold Plated	.510	1.175	3	Square	131-2738-00			DL
12 Gold Plated	.560	.815	3	Round	131-2116-00		.648	CS
12 Gold Plated	.685	1.000	3	Round	131-1792-00		.820	CR
12 Tin Plated	.450	.750	3	Round	131-1783-01	U	.170	CR
12 Tin Plated	.885	1.190	3	Square	131-2079-00		.380	CR
12 Tin Plated	.890	1.188	3	Round	131-1783-00 <sup>b</sup>		.265	CR
13 Gold Plated (.156 Spacing)	.953	1.200	3	Square	131-3637-00		1.850	CR
14 Tin Plated	.510	.780	3	Round	131-2725-00	U	.350	CR
15 Gold Plated (.156 Spacing)	.450	.750	3	Round	131-3430-00	U	1.370	CR
15 Gold Plated	.563	1.250	3	Round	131-2394-00	U	1.530	CR
15 Tin Plated	.450	.750	3	Round	131-2078-00		.280	CR
15 Tin Plated	.450	.750	3	Square	131-2233-00	U	.310	CR
18 Gold Plated	.450	.750	3	Square	131-3196-00	U	1.610	CR
20 Gold Plated (.156 Spacing)	.521	.821	3	Square	131-3732-00			PP
20 Gold Plated (.156 Spacing)	.521	.821	3	Square	131-3845-00		2.770	PP
36 Gold Plated (.100 Spacing)	.315	.570	1	Square	131-3681-00		1.900	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

**.045 INTERCONNECTION SYSTEM (cont)**

**RIGHT ANGLE**

POLARIZING LOCKING		POLARIZING NON-LOCKING		NON-POLARIZING				
 <p>FIGURE 1</p>		 <p>FIGURE 2</p>		 <p>FIGURE 3</p>				
Number of Terminals	Dimensions		Figure	Pin Style	Part Number	Codes <sup>a</sup>		
	A	B				ND	Cost	ST
2 Gold Plated (.156 Spacing)		.170	2	Square	131-4036-00		.180	CR
3 Gold Plated	.450	.170	2	Square	131-2387-00		.250	CR
3 Tin Plated (.156 Spacing)	.450	.212	1	Square	131-4212-00		.130	PP
3 Tin Plated (.156 Spacing)	.500	.154	2	Square	131-4434-00		.125	PP
5 Gold Plated (.156 Spacing)	.450	.170	2	Square	131-2182-00		.370	CR
5 Gold Plated (.156 Spacing)	.755	.300	2	Square	131-3002-00		4.250	CR
6 Gold Plated (.156 Spacing)	.523	.207	1	Square	131-3405-00		1.170	EN
6 Tin Plated (.100 Spacing)	.260	.143	1	Square	131-4053-00		.340	CR
7 Gold Plated (.156 Spacing)	.450	.750	1	Square	131-4459-00		.880	PP
8 Gold Plated (.156 Spacing)	.460		3	Square	131-3588-00		.900	CR
8 Tin Plated (.100 Spacing)	.280	.140	1	Square	131-4294-00		.190	PP
8 Tin Plated (.100 Spacing)	.295	.140	3	Square	131-4038-00		.200	CR
10 Gold Plated	.460	.156	3	Square	131-2909-00		.983	CR
10 Gold Plated	.450	.170	2	Square	131-2993-00		.769	OT
10 Gold Plated	.602	.166	3	Square	131-3122-00		1.200	CR
10 Tin Plated	.520	.207	1	Square	131-2723-00		.350	CR
12 Gold Plated	.450	.170	2	Square	131-2991-00		2.800	CR
12 Gold Plated (.156 Spacing)	.450	.750	1	Square	131-4523-00		1.030	CR
15 Gold Plated (.156 Spacing)	.450	.170	2	Square	131-3436-00		1.070	CR
17 Gold Plated (.156 Spacing)	.450	.750	2	Square	131-4379-00			PP

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

# CONNECTOR, RECEPTACLE, ELECTRICAL EDGE CARD

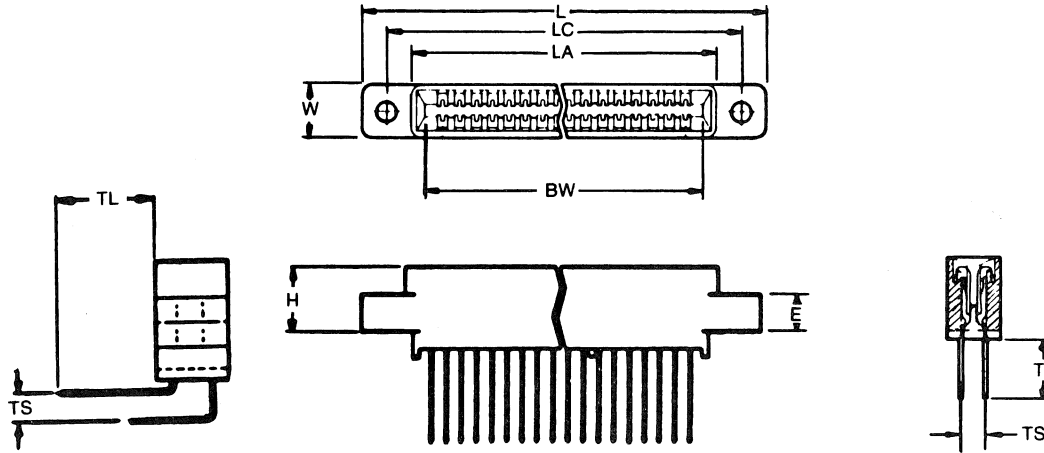


FIGURE 1

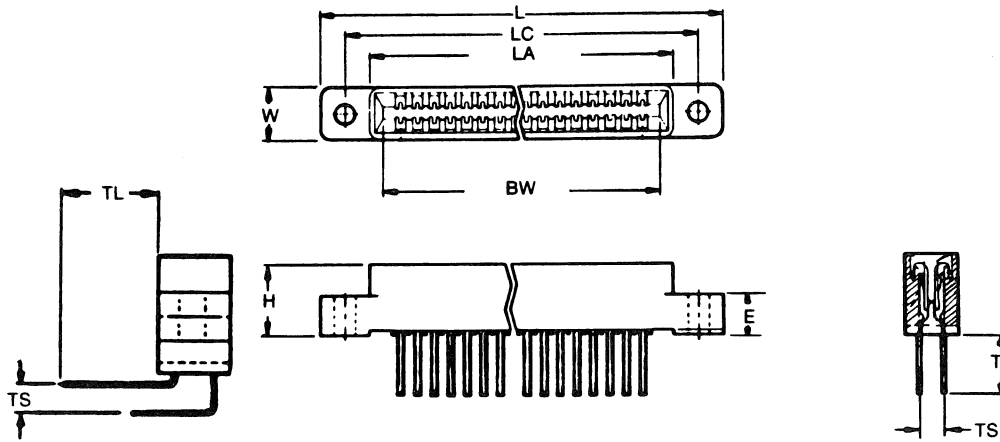


FIGURE 2

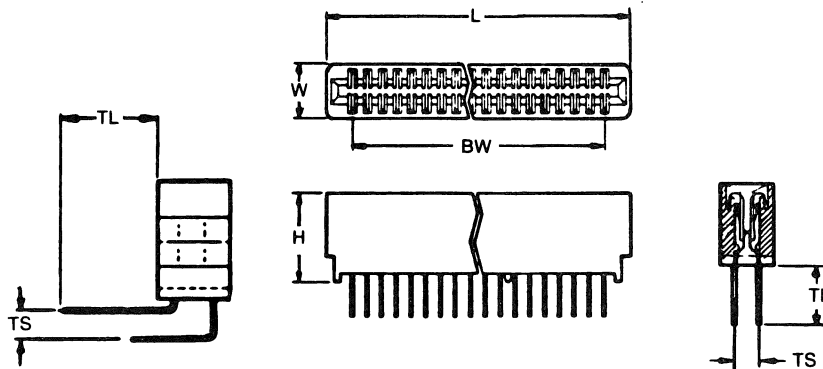


FIGURE 3



CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

EDGE CARD (cont)

Number of Cont	Tail Type	Contact Center to Center	Mtg Hole Dia	Card Insert Depth	BW	LC	L	W	H	TS	LA	E	TL	Figure	Part Number	Codes <sup>a</sup>		
																ND	Cost	ST
1 x 10		.156	.128	.321	1.724	2.158	2.406	.300	.830		1.860	.250		1	204-0780-00		.917	CS
6/12	Blade	.150	N/A	.400		N/A	N/A	.400	.595	.200	1.050	N/A	.150	2	136-0454-00		.580	CS
6/12	Pierced	.156	.125	.260	1.080	1.553	1.830	.330	.408	.145	1.220	.219	.250	2	131-0581-00		2.940	CR
6/12	Right Angle	.156	.125	.260	1.080	1.330	1.783	.330	.408	.156	1.220	.219	N/A	2	131-1241-00			OB
9/18	Dip Solder	.100	N/A		N/A	N/A	1.056	.330	.437	N/A	N/A	N/A	.125	3	131-1801-00		1.850	CS
10/20	Dip Solder	.100	.125	.260	1.107	1.575	1.875	.330	.437	.150	1.268	.250	.132	2	131-1361-00		3.960	CS
10/20	Pierced	.100	4-40	.260	1.107	1.575	1.875	.330	.437	.150	1.268	.250	.250	2	131-1360-00		4.930	CR
10/20	Dip Solder	.100	N/A	.260	1.107	N/A	1.268	.330	.406	.150	N/A	N/A	.480	3	131-1876-00		3.740	CR
10/20	Dip Solder	.100	N/A	.400	N/A	N/A	1.100	.400	.610	.200	N/A	N/A	.170	3	131-4456-00		1.420	PP
10/20	Pierced	.156	.125	.260	1.704	2.157	2.407	.330	.408	.145	1.844	.219	.250	2	131-1028-00		7.970	CR
10/20	Dip Solder	.156	4-40	.260	1.704	2.157	2.407	.330	.408	.145	1.844	.219	.380	2	131-0820-00		6.900	CR
10/20	Right Angle	.156	2-56	.260	1.700	2.160	2.410	.328	.406	.156	1.840	.219	.125	2	131-0821-01		3.760	CR
10/20	Dip Solder	.156	N/A	.260	1.704	N/A	1.844	.330	.408	.145	1.840	N/A	.380	3	131-0820-01	U	3.760	CR
11/22	Dip Solder	.125	N/A	.295	2.875	N/A	3.035	.368	.610	.250	N/A	N/A	.125	3	131-2675-00		3.300	OT
12/24	.025 Sq Pin	.100	N/A	.295	1.300	N/A	1.460	.368	.550	.200	N/A	N/A	.187	3	131-2492-00			DL
12/24	Pierced	.156	.128	.333	2.040	2.470	2.720	.340	.460	.200	2.180	.250	.220	2	131-0934-00		6.470	CR
12/24	Dip Solder	.156	N/A	.300	2.036	N/A	2.182	.343	.460	.200	N/A	N/A	.213	3	131-2323-00		2.050	CR
15/30	Dip Solder	.100	N/A	.330	1.600	N/A	1.760	.370	.600	.100	N/A	N/A	.200	3	131-2095-00		4.420	CS
15/30	Dip Solder	.100	N/A	.297	1.600	N/A	1.760	.370	.610	.200	N/A	N/A	.200	3	131-2452-00		2.910	CS
15/30	Dip Solder	.100	N/A	.260	1.607	N/A	1.768	.330	.406	.150	N/A	N/A	.132	3	131-1784-00	U	4.730	CR
15/30	Dip Solder	.100	.125	.260	1.607	2.075	2.375	.330	.437	.150	1.768	.250	.157	2	131-1362-00		4.860	CR
15/30	Dip Solder	.100	N/A	N/A	N/A	N/A	1.656	.330	.437	N/A	N/A	N/A	.125	3	131-1802-00		1.830	CS
15/30	Dip Solder	.100	.125	.260	1.607	2.075	2.375	.330	.437	.150	1.768	.250	.260	2	131-1616-00	U	6.380	CR
15/30	Dip Solder	.100	N/A	.260	1.607	N/A	1.775	.330	.432	.150	N/A	N/A	.125	3	131-2063-00		5.040	CR
15/30	Dip Solder	.100	.125	.260	1.607	2.075	2.375	.330	.437	.150	1.768	.250	.200	2	131-4032-00		4.490	CR
15/30	Pierced	.156	.125	.260	2.484	2.937	3.187	.330	.408	.145	2.624	.219	.250	2	131-0327-00		4.180	CR
15/30	Pierced	.156	.125	.300	2.480	2.940	3.190	.328	.406	N/A	2.630	.219	.220	2	136-0148-00		4.700	CS
17/34	Dip Solder	.100	N/A	.400	N/A	N/A	1.800	.400	.610	.200	N/A	N/A	.170	3	131-4455-00		2.360	PP
18/36		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0984-00			OB
18/36	Right Angle	.100	.128	.330	1.900	2.375	2.635	.370	.600	.150	2.060	.250	.600	2	131-2849-00		3.00	CR
18/36	Dip Solder	.100	.125	.260	1.907	2.375	2.675	.330		.150	2.068	.250	.380	2	131-2348-00		5.00	CR
18/36	Dip Solder	.125	.125	.260	2.375	2.795	3.055	.330	.437	.145	2.535	.250	.347	2	131-1617-00		9.170	CR
18/36	Dip Solder	.125	N/A	.260	2.375	N/A	2.535	.330	.437	.145	N/A	N/A		3	131-1617-01		8.447	CR
18/36	Wire Wrap	.125	N/A		2.564	N/A	2.740	.490	1.000	.125	2.390	N/A	.625	1	131-1973-00		6.800	CS
18/36	Dip Solder	.156	.125	.260	2.952	3.405	3.655	.330	.408	.145	3.092	.219	.380	2	131-1043-00		8.640	CR
18/36	Pierced	.156	.125	.260	2.952	3.405	3.655	.330	.408	.145	3.092	.219	.250	2	131-1013-00		4.820	CR
18/36	Pierced	.125	4-40	.260	2.375	2.795	3.055	.330	.437	.145	2.535	.250	.250	2	131-1009-00		5.320	CS
18/36	Dip Solder	.156	.128	.295	2.972	3.407	3.657	.370	.460	.140	3.112	.250	.150	2	131-2535-00 <sup>b</sup>		2.360	CS
18/36	Pierced	.156	.128	.333	2.972	N/A	3.114	.340	.458	N/A	N/A	N/A	.265	3	131-2473-00		2.759	CS
18/36	Wire Wrap	.156	.125	.297	2.972	3.406	3.724	.390	.550	.200	3.124	.250	.570	1	131-2474-00		4.560	CS
18/36	Dip Solder	.156	.125	.260	2.952	3.405	3.655	.300	.406	.145	3.092	.219	.380	2	131-1043-01		4.620	CS
20/40	Right Angle	.100	.125	.260	2.107	2.575	2.875	.330	.437	.158	2.268	.250	.140	2	131-1262-00		7.630	CR
20/40	Dip Solder	.100	N/A	.295	4.100	N/A	4.260	.368	.610	.200	N/A	N/A	.187	3	131-2579-00		3.600	CR
20/40	Dip Solder	.100	.128	.290	2.100	2.575	2.835	.440	.610	.200	2.220	.210	.187	2	131-2245-00			NP
20/40	Right Angle	.100	N/A		1.900	N/A	2.260	.370	.610	.150	N/A	N/A	.490	3	131-2605-00			DL
20/40	Dip Solder	.156	N/A	.300	3.284	N/A	3.430	.343	.460	.200	N/A	N/A	.213	3	131-2324-00		6.690	CR
21/42		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-1000-00		14.818	CS
22/44	Pierced	.100	.125	.260	2.300	2.775	3.075	.330	.427	.150	2.475	.250	.260	2	131-1358-00		5.920	CS
22/44	Dip Solder	.100	4-40	.260	2.307	2.775	3.075	.330	.437	.150	2.468	.250	.232	1	131-1962-00		6.270	CS
22/44	Dip Solder	.100	.125	.297	2.300	2.775	3.035	.370	.430	.200	2.455	.250	.350	1	131-2847-00		5.930	CS
22/44	Dip Solder	.100	.128	.297	2.107	2.775	3.035	.370	.610	.200	2.460	.250	.177	1	131-1757-01		3.350	CS
22/44	Pierced	.100	4-40	.260	2.307	2.775	3.075	.330	.437	.150	2.468	.250	.250	2	131-1909-00		5.810	CS

The N/A indicates that the information is not applicable.

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

## EDGECARD (cont)

Number of Cont	Tail Type	Contact Center to Center	Mtg Hole Dia	Card Insert Depth	BW	LC	L	W	H	TS	LA	E	TL	Figure	Part Number	Codes <sup>a</sup>		
																ND	Cost	ST
22/44	Wire Wrap	.125	4-40	.297	2.875	3.295	3.555	.370	.610	.250	3.035	.250	.187	1	131-2352-00		4.180	CR
22/44	Dip Solder	.125	N/A	.260	2.880	N/A	3.035	.330	.437	.140	N/A	N/A	.250	3	131-1606-01		14.547	CR
22/44	Dip Solder	.125	.128	.295	2.875	3.295	3.555	.370	.460	.200	3.035	.250	.150	2	131-2282-00		2.330	CR
22/44	Dip Solder	.125	N/A	.295	2.875	N/A	3.035	.370	.460	.200	N/A	N/A	.150	3	131-2282-01		1.920	OT
22/44	Dip Solder	.125	.125	.260	2.875	3.295	3.555	.330	.437	.145	3.035	.250	.380	2	131-1606-00		12.560	CR
22/44	Pierced	.156	.125	.260	3.576	4.029	4.280	.330	.408	.145	3.716	.219	.250	2	136-0156-01		1.135	CS
22/44	Dip Solder	.156	.125	.260	3.576	4.029	4.308	.330	.408	.145	3.716	.219	.195	2	131-1229-00 <sup>b</sup>	U	5.500	CR
22/44	Right Angle	.156	.125	.265	3.576	4.029	4.280	.330	.408	.156	3.716	.219	.140	2	131-0697-00		8.540	CR
24/48	Pierced	.156	.142	.330	3.909	4.430	4.600	.340	.458		4.050	.250	.250	2	131-1008-00		7.600	CS
25/50	Wire Wrap	.100	.125	.297		3.075	3.335	.370	.610	.200	2.600	.250	.570	1	131-1791-00		6.900	CS
25/50	Pierced	.100	.125	.260	2.604	3.075	3.335	.330	.437	.150	2.780	.250	.250	2	131-1359-00		10.340	CS
25/50	Dip Solder	.100	.125	.260	2.607	3.075	3.335	.330	.437	.150	2.768	.250	.260	2	131-1411-00		4.700	CR
25/50	Dip Solder	.100	N/A	.295	2.600	N/A	2.760	.368	.550	.200	N/A	N/A	.187	3	131-2494-00		2.390	CR
25/50	Right Angle	.100	.125	.240	2.400	3.075	3.335	.370	.610	.150	2.760	.250	.490	2	131-2243-00		4.950	CS
25/50	Dip Solder	.100	4-40	.260	2.607	3.075	3.375	.330	.437	.150	2.768	.250	.260	2	131-1645-00		6.920	CR
25/50	Wire Wrap	.100	N/A	.330	2.600	N/A	2.750	.365	.615	.200	N/A	N/A	.620	3	131-3109-00		3.960	CR
25/50	Dip Solder	.100	N/A	.260	2.607	N/A	2.768	.330	.437	.156	N/A	N/A	.140	3	131-3082-00	U	10.060	CR
25/50	Dip Solder	.100	N/A	.260	2.607	N/A	2.768	.330	.406	.150	N/A	N/A	.132	3	131-2543-00		2.430	CR
25/50	Dip Solder	.100	.064	.295	2.600	N/A	2.760	.368	.610	.200	N/A	N/A	.187	3	131-2096-00 <sup>c</sup>		3.400	CS
25/50	.025 Sq Pin	.100	N/A	.330	2.405	2.606	2.760	.370	.600	.200	N/A	N/A	.200	3	131-2096-01 <sup>c</sup>		3.457	CS
25/50	Right Angle	.125			6.375	6.795	7.055	.370	.610	.237	6.535		.510	2	131-2237-00		9.310	CR
25/50	.025 Sq Pin	.125	N/A	.415	6.375	N/A	6.505	.420	.545	.250	N/A	N/A	.175	3	131-3770-00 <sup>c</sup>		5.900	CR
25/50	Dip Solder	.156	.128	.333	4.067	4.500	3.754	.340	.458	.200	4.208	.250	.156	2	131-1618-00		4.830	CS
26/52		.100	N/A	.300		N/A	5.400	.370	.610	.200	N/A	N/A	.150	3	131-3978-00		1.900	CR
28/56	.025 Sq Pin	.125	4-40	.300	3.630	4.050	4.330	.380	.430	.200	3.780	.250	.600	1	131-0995-00			OB
28/56	Dip Solder	.125	.125	.260	3.625	4.045	4.305	.330	.437	.145	3.785	.250	.260	2	131-0906-00			DL
28/56	Right Angle	.150		.300	3.625	4.045	4.305	.365	.430	.150		.250	.180	1	131-4265-00		5.120	EN
28/56	Pierced	.156	.125	.260	4.636	5.089	5.339	.438	.406	.145	4.776	.219	.255	2	131-0292-01		9.040	OT
28/56	Pierced	.156	4-40	.260	4.636	5.089	5.339	.438	.406	.145	4.776	.219	.250	2	131-0549-00		10.900	CR
28/56	Dip Solder	.156	.125	.260	4.640	5.090	5.410	.438	.406	.140	4.780	.219	.375	2	136-0190-00		28.500	CR
28/56	Dip Solder	.156	.125	.260	4.640	5.090	5.410	.438	.406	N/A	4.780	.219	.109	2	136-0180-00		28.776	CR
28/56	Dip Solder	.156	N/A	.291	4.532	N/A	4.652	.500	.460	.140	N/A	N/A	.250	3	131-1078-00 <sup>c</sup>		2.870	CS
28/56	Dip Solder	.156	4-40	.260	4.640	5.093	5.405	.438	.406	.145	4.781	.219	.375	2	131-0762-00			OB
28/56	Dip Solder	.156	4-40	.260	4.640	5.090	5.410	.438	.406	N/A	4.780	.219	.124	2	131-0762-01			OB
30/60	Pierced	.100	.125	.260	3.107	3.575	3.875	.327	.437	.150	3.268	.250	.250	2	131-0891-00		10.180	CS
30/60	.025 Sq Pin	.100	.128	.300	3.100	3.575	3.840	.370	.430	.200	3.260	.250	.300	1	131-1250-00		3.550	CR
30/60	Dip Solder	.100	N/A	.297	3.000	N/A	3.260	.370	.610	.200	N/A	N/A	.200	3	131-2451-00	U	2.680	DL
30/60	.025 Sq Pin	.100	N/A	.295	3.100	N/A	3.260	.368	.330	.200	N/A	N/A	.187	3	131-2491-00			CS
30/60	Right Angle	.100	N/A	.295	3.150	N/A	3.260	.370	.610	.150	N/A	N/A	N/A	3	131-2599-00			DL
30/60	Right Angle	.100	.125	.330	3.100	3.575	3.835	.370	.610	.200	3.260	.250	.600	1	131-2821-00		4.650	CS
30/60	Dip Solder	.100	4-40	.260	3.107	3.575	3.875	.330	.437	.150	3.268	.250	.480	2	131-1409-00		9.920	CS
30/60	.025 Sq Pin	.100	.128	.300	3.100	3.580	3.840	.370	.430	.200	3.260	.250	.600	1	131-1250-02 <sup>b</sup>		4.550	CS
30/60	.025 Sq Pin	.100	.128	.300	3.100	3.580	3.840	.270	.430		3.260	.250		1	131-1250-01 <sup>b</sup>		15.414	CS
30/60	Dip Solder	.100	.125	.260	3.100	3.575	3.875	.330	.437	.150	3.268	.250	.132	2	131-1228-00		4.520	CR
30/60	Pierced	.125	.125	.260	3.875	4.295	4.555	.330	.437	.145	4.035	.250	.250	2	131-3048-00	U	7.380	CS
31/62	Dip Solder	.100	N/A	.295	3.200	N/A	3.360	.368	.610	.191	N/A	N/A	.125	3	131-4359-00			EN
32/64	Dip Solder	.100	N/A	.260	3.307	N/A	3.468	.330	.437	.150	N/A	N/A	.132	3	131-2416-00	U	9.000	CS
32/64	.025 Sq Pin	.100		.315	3.100		3.460	.370	.605	.200			.200	3	131-2614-00		4.000	CS
35/70		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0767-05		9.622	CR
35/70	Wire Wrap	.100	.125	.297	3.600	4.075	4.335	.370	.610	.200	3.710	.250	.570	1	131-2164-00		8.950	CR
35/70	Dip Solder	.100	.125	.030	4.175	4.435	.370	.610	.200	.200	3.760	.250	.300	1	131-2353-00		17.400	OT
36/72	Right Angle	.100	N/A		3.500	N/A	3.860	.370	.610	.150	N/A	N/A	N/A	3	131-2604-00			DL
36/72	.025 Sq Pin	.100	.128	.295	3.700	4.175	4.435	.368	.550	.200	3.860	.250	.378	1	131-2682-00		8.100	CS
36/72	Cd Extender	.100	.130	.250	3.700	4.200	4.490	.440	.850	.200	3.900	.210	.190	2	131-2678-00		16.280	CR
36/72	Dip Solder	.100	.125	.260	3.707	4.175	4.475	.330	.500	.150	3.868	.250	.204	2	131-1178-00		.260	CR
36/72	Dip Solder	.100	.125	.260	3.700	N/A	3.875	.400	.500	.150	N/A	N/A	.240	3	131-1178-03		10.516	CR
36/72	Dip Solder	.100	N/A	.260	3.707	N/A	3.868	.330	.469	.150	N/A	N/A	.132	3	131-2545-00		6.250	CR
36/72	Wire Wrap	.100	.125	.297	3.700	4.175	4.435	.370	.610	.200	3.860	.250	.570	1	131-1658-00		7.750	CR

The N/A indicates that the information is not applicable.

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<sup>b</sup> Low cost connectors have less gold plating on contacts and a lower grade insulating material.

<sup>c</sup> Safety controlled.

CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

EDGE CARD (cont)

Number of Cont	Tail Type	Contact Center to Center	Mtg Hole Dia	Card Insert Depth	BW	LC	L	W	H	TS	LA	E	TL	Figure	Part Number	Codes <sup>a</sup>		
																ND	Cost	ST
36/72	Pierced	.100	.125	.260	3.707	4.175	4.475	.400	.500	.150	3.868	.250	.187	2	131-1670-00		13.030	CR
36/72	Right Angle	.100	.125		3.500	4.175	4.435	.370	.430	.150	3.860	.250	.490	1	131-2681-00		12.440	CS
36/72	Dip Solder	.100	N/A	.300	3.710	N/A	3.880	.400	.420	.180	N/A	N/A	.130	3	131-2843-00		7.050	CR
36/72	Dip Solder	.100	N/A	.300	3.710	N/A	3.875	.400	.450	.180	3.880	N/A	.460	3	131-1499-00		4.150	CR
36/72	Right Angle	.100	.125	.297	3.700	4.175	4.435	.370	.430	.150	3.860	.250	.490	1	131-2143-00		6.500	CR
36/72	Right Angle	.100	N/A	.297	3.700	N/A	3.880	.370	.610	.150	N/A	N/A	.490	3	131-2143-01		7.727	CR
36/72	Dip Solder	.100	.128	.297	3.700	4.175	4.435	.370	.430	.200	3.860	.250	.200	1	131-2029-00		4.810	CR
36/72	Dip Solder	.100	N/A		3.700	N/A	3.860	.368	.610	.200	N/A	N/A	.187	3	131-2578-00		4.880	CR
36/72	Pierced	.156	.125	.280	5.600	6.240	6.550	.438	.418	.145	5.990	.219	.250	2	131-0849-00		13.960	CR
36/72	Pierced	.156	4-40	.260	5.766	6.190	6.469	.438	.408	.145	5.906	.219	.250	2	131-1162-00		11.470	CR
36/72	Dip Solder	.156	4-40	.260	5.760	6.213	6.463	.438	.408	.145	5.900	.219	.380	2	131-0990-00		18.090	CR
36/72	Dip Solder	.156	4-40	.260	5.760	6.213	6.463	.438	.408	.145	5.900	.219	.132	2	131-0990-02		10.440	CR
36/72	Dip Solder	.156	.178	.350	5.930	6.214	6.537	.437	.720	N/A	5.896	.250	.260	2	131-1147-00		3.390	CS
36/72	Dip Solder	.180	N/A	.300	3.710	N/A	3.880	.400	.420	.180	N/A	N/A	.125	3	131-2437-00		4.150	CR
38/76		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0767-01 <sup>b</sup>		23.045	CR
38/76		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0767-03 <sup>b</sup>		9.092	CR
38/76		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0767-07 <sup>b</sup>		8.431	CR
38/76		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0767-08 <sup>b</sup>		9.105	CR
38/76		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0767-10 <sup>b</sup>		8.796	CR
38/76		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0767-04 <sup>b</sup>		9.325	CS
38/76		.100	.088	.400	3.920	4.500	4.820	N/A	N/A	N/A	4.180	N/A	N/A		131-0767-09 <sup>b</sup>		8.783	CS
40/80	.025 Sq Pin	.100	4-40	.300	4.100	4.580	4.840	.370	.200	.250	4.260	.250	.600	1	131-0626-00		6.700	CR
40/80	Pierced	.100	.125	.260	4.107	4.575	4.875	.400	.500	.150	4.275	.250	.220	2	131-1856-00		11.030	CS
40/80	Dip Solder	.125	4-40	.260	5.125	5.545	5.805	.330	.437	.145	5.285	.250	.265	2	131-1346-00		11.030	CR
40/80	Dip Solder	.125	4-40	.297	5.125	5.545	5.805	.370	.610	.250	5.285	.250	.187	1	131-2351-00 <sup>c</sup>		6.140	CR
40/80	Dip Solder	.125	.128	.295	5.125	5.545	5.805	.437	.460	.200	5.285	.250	.150	2	131-2279-00		4.800	CR
40/80	Cd Extender	.125	N/A	.295	5.125	N/A	5.285	.368	.610	.250	N/A	N/A	.340	3	131-2674-00		4.540	OT
40/80	Dip Solder	.125	4-40	.295	5.125	N/A	5.285	.437	.460	.200	N/A	N/A	.150	3	131-2059-01		2.570	CR
40/80	Dip Solder	.125	4-40	.295	5.125	5.545	5.805	.437	.460	.200	5.285	.250	.150	1	131-2059-00		5.800	CS
43/86	Right Angle	.156	N/A	.300	6.872	N/A	7.000	.500		.200	N/A	N/A	.140	3	131-3412-00		8.600	CS
43/86	.025 Sq Pin	.156	N/A	.297	6.872	N/A	7.024	.390	.610	.200	N/A	N/A	.630		131-2848-00	U	10.280	CS
44/88	Wire Wrap	.100	.125	.300	4.500	4.975	5.235	.370	.610	.200	4.660	.250	.600	1	131-2754-00		12.850	CR
50/100	Pierced	.100	4-40	.260	5.107	5.575	5.875	.330	.500	.150	5.268	.250	.187	2	131-1263-00		12.140	CR
50/100	Right Angle	.100	.125	.300	5.100	5.575	5.835	.370	.430	.150	5.260	.250	.145	1	131-2719-00		9.890	OT
50/100	Dip Solder	.100	4-40	.260	5.107	5.575	5.875	.330	.437	.150	5.275	.250	.410	2	131-0931-00		13.510	CR
50/100	Dip Solder	.100	4-40	.297	5.175	5.575	5.835	.370	.430	.200	5.260	.250	.200	1	131-2459-00		7.606	CR
50/100	Dip Solder	.100	4-40	.260	5.107	5.575	5.875	.330	.437	.150	5.275	.250	.263	2	131-0931-02		8.580	CR
50/100	Dip Solder	.100	N/A	.297	5.100	N/A	5.210	.370	.610	.200	N/A	N/A	.200	3	131-2570-01	U	5.640	CR
50/100	Wire Wrap	.100	.125	.297	5.100	5.575	5.835	.370	.430	.200	5.260	.250	.560	1	131-2168-00		8.490	CR
50/100	.025 Sq Pin	.100	.125	.297	5.100	5.575	5.835	.370	.430	.200	5.260	.250	.200	1	131-2570-00		8.980	CR
50/100	Dip Solder	.125	.128	.295	6.375	6.795	7.055	.368	.610	.250	6.535	.250	.187	1	131-2733-00	U	4.730	CR
50/100	Dip Solder	.125	.125	.260	6.375	6.795	7.055	.330	.437	.145	6.535	.250	.195	2	131-2240-00		7.830	CR
50/100	Dip Solder	.125	.125	.297	6.375	6.785	7.055	.370	.610	.250	6.535	.250	.200	2	131-2402-00		6.400	CR
60/120	Dip Solder	.100	4-40	.297	6.150	6.575	6.835	.370	.430	.200	6.260	.250	.200	1	131-1738-00 <sup>c</sup>		7.980	CR
60/120	Cd Extender	.100		.297	6.100	6.575	6.835	.370	.430	.200	6.260	.250	.150	1	131-3204-00		6.580	CR
50/100	Dip Solder	.100	4-40	.260	5.100	5.580	5.880	.400	.500	N/A	5.280	.250	.240	2	131-0931-01		15.054	CS

The N/A indicates that the information is not applicable.

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<sup>b</sup> Low cost connectors have less gold plating on contacts and a lower grade insulating material.

<sup>c</sup> Safety controlled.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

## EDGE CARD (cont)

**FOR CONTACT RATINGS**

Centers	Current	Voltage Withstand
.100	3 A	650 VAC
.125	3 A	1000 VAC
.156 & .150	5 A	1800 VAC

All connectors are for .062 inch thick double clad boards.

Part Number		Key Information
Tektronix	Manufacturer	
214-0702-00	Tek-made	
214-1369-00	Viking 091-0020-000	
214-1458-00	Viking 091-0071-000	
214-1593-02	Tek-made	
214-3114-00	Amp 530687-1	
214-3975-00	Minnesota Mining & Mfg Co. 3439-2	

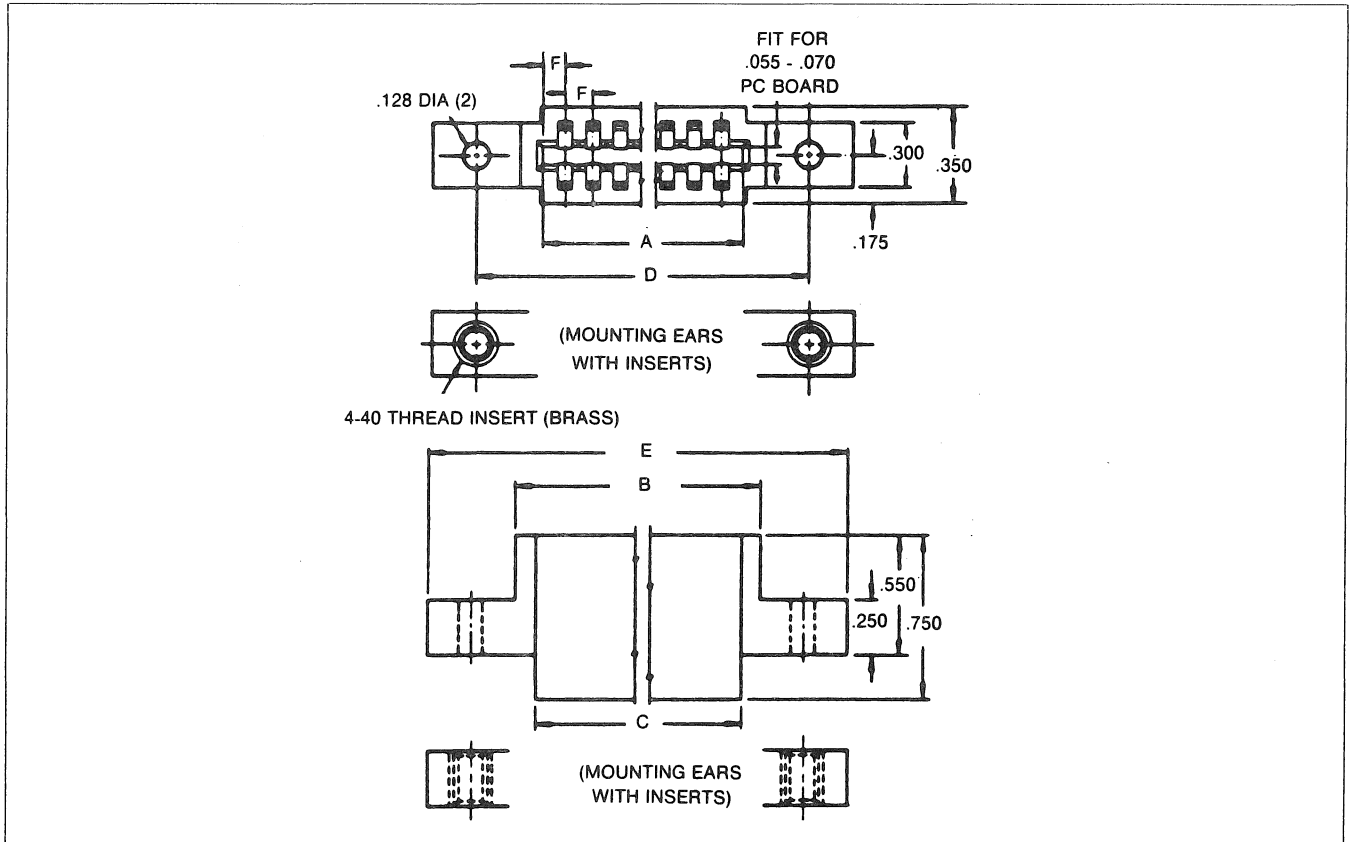
Connector Part Number	Number of Contacts	Ckt Bd Dolly Number	Key Part Number		
			Replace Contact	Block Contact	Between Contact
131-0327-00	15/30		214-1369-00	214-1836-00	214-0702-00
131-0549-00	28/56		214-1369-00	214-1836-00	214-0702-00
131-0581-00	6/12		214-1369-00	214-1836-00	214-0702-00
131-0626-00	40/80	355			214-1593-02
131-0697-00	22/44	349	214-1369-00	214-1836-00	214-0702-00
131-0767-01	38/76	192			
131-0820-00	10/20	345	214-1369-00	214-1836-00	214-0702-00
131-0820-01	10/20		214-1369-00	214-1836-00	214-0702-00
131-0821-01	10/20	346	214-1369-00	214-1836-00	214-0702-00
131-0849-00	36/72		214-1369-00	214-1836-00	214-0702-00
131-0891-00	30/60				214-1458-00
131-0931-00	50/100	356			214-1458-00
131-0934-00	12/24		214-1369-00	214-1836-00	214-0702-00
131-0990-00	36/72	353	214-1369-00	214-1836-00	214-0702-00
131-1008-00	24/48		214-1369-00	214-1836-00	214-1593-02
131-1013-00	18/36		214-1369-00	214-1836-00	214-0702-00
131-1028-00	10/20		214-1369-00	214-1836-00	214-0702-00
131-1043-00	18/36	348	214-1369-00	214-1836-00	214-0702-00
131-1078-00	28/56	354	214-1369-00	214-1836-00	214-1593-02
131-1162-00	36/72		214-1369-00	214-1836-00	214-0702-00
131-1178-00	36/72	352			214-1458-00
131-1228-00	30/60	351			214-1458-00

Connector Part Number	Number of Contacts	Ckt Bd Dolly Number	Key Part Number		
			Replace Contact	Block Contact	Between Contact
131-1229-00	22/44	284	214-1369-00	214-1836-00	214-0702-00
131-1250-00	30/60				214-1458-00
131-1262-00	20/40	357			214-1458-00
131-1263-00	50/100	357			214-1458-00
131-1346-00	40/80			214-1458-00	214-1458-00
131-1359-00	25/50			214-1458-00	214-1458-00
131-1360-00	10/20			214-1458-00	214-1458-00
131-1362-00	15/30	366		214-1458-00	214-1458-00
131-1411-00	25/50				214-1458-00
131-1499-00	36/72				214-1593-00
131-1606-00	22/44				214-1458-00
131-1606-01	22/44				214-1458-00
131-1617-00	18/36				214-1458-00
131-1617-01	18/36				214-1458-00
131-1645-00	25/50				214-1458-00
131-1658-00	36/72			214-1458-00	214-1458-00
131-1670-00	36/72			214-1458-00	214-1458-00
131-1784-00	15/30				214-1458-00
131-1791-00	25/50				214-1458-00
136-0156-01	22/44		214-1369-00	214-1836-00	214-0702-00
136-0180-00	28/56	222	214-1369-00	214-1836-00	214-0702-00
136-0190-00	28/56	350	214-1369-00	214-1836-00	214-0702-00

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

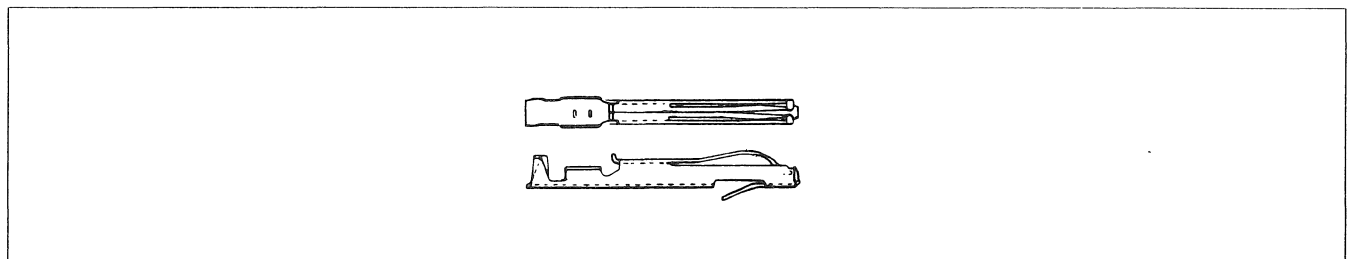
## EDGE CONNECTORS - CRIMP TO WIRE CONTACTS

### HOUSINGS



Number of Positions	Dimensions						Comments	Part Number	Codes <sup>a</sup>		
	A	B	C	D	E	F			ND	Cost	ST
10/20	2.100	2.300	2.120	2.575	2.830	.100	Right Angle	131-3947-00		6.720	CR
22/44	2.875	3.035	2.845	3.295	3.555	.125	4-40 Thread Insert in Mounting Ears	204-0877-00		1.130	OT
22/44	2.300	2.500	2.320	2.775	3.030	.100		131-2160-00		1.030	CR

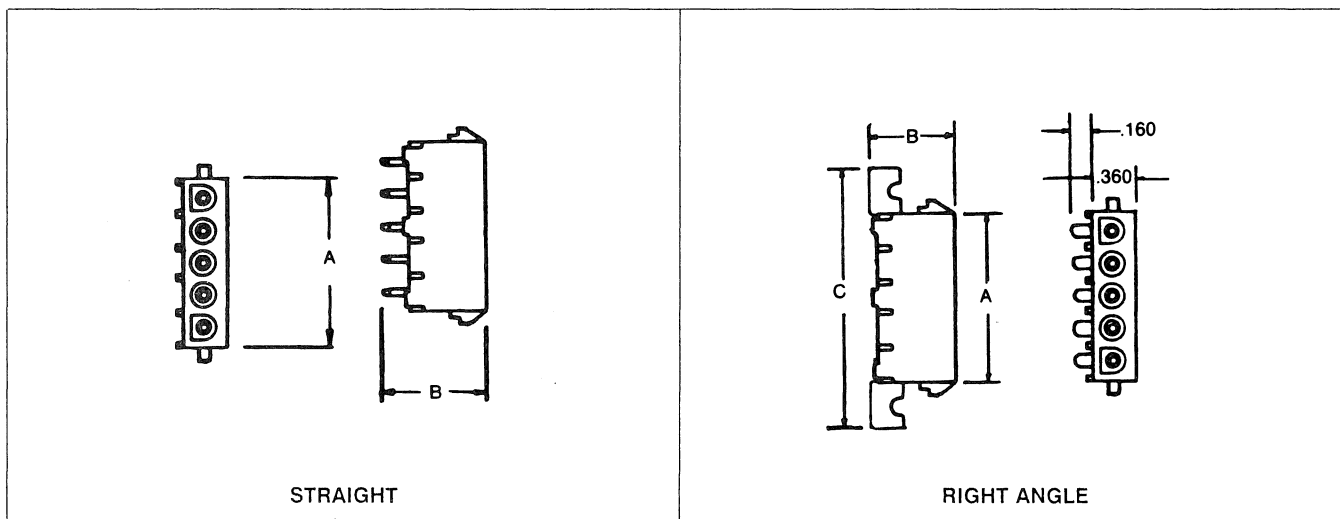
### CONTACTS



Connector Center Line	Wire Size	Insulation Diameter	Comments	Part Number	Codes <sup>a</sup>		
					ND	Cost	ST
.125 Only	22-18 AWG	.049 - .080	Gold Plate, Reel Form	131-2544-00		.096	CS
.100, .125	24-20 AWG	.048 - .060	Gold Plate, Loose Piece	131-2169-00			OB
.100, .125	28-24 AWG	N/A	Selective Gold Plate, Solder Eyelet, Loose Piece	131-2460-00		.171	CR
.100, .125	28-24 AWG	.035 - .055	Gold Plate, Reel Form	131-2161-01		.078	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## CONNECTOR, RECEPTACLE, ELECTRICAL (cont) CIRCUIT BOARD MOUNT (PIN HEADER)



STRAIGHT

RIGHT ANGLE

Number of Positions	Dimensions			Other	Third Party Certification	Part Number	Code <sup>a</sup>			Mating Part Number
	A	B	C				ND	Cost	ST	
2	.550	.680	1.245	Right Angle	UL, CSA & VDE	131-2590-00 <sup>b</sup>		.634	CR	204-0866-00
2	.550	.680	1.245	Right Angle	UL, CSA & VDE	131-3408-00 <sup>b</sup>		.573	CR	
2	.550	.725	N/A	Straight	UL, CSA & VDE	131-2801-00 <sup>b</sup>		.369	CR	204-0940-00
2	.550	.725	N/A	Straight	UL, CSA & VDE	131-2804-00		.207	CR	204-0866-00
3	.800	.680	1.495	Right Angle	UL, CSA & VDE	131-2589-00 <sup>b</sup>		.655	CS	204-0859-00
3	.800	.680	1.495	Right Angle	UL, CSA & VDE	131-3407-00 <sup>b</sup>		.972	CR	
3	.800	.725	N/A	Straight	UL, CSA & VDE	131-2802-00 <sup>b</sup>		.240	CR	204-0859-00
3	.800	.725	N/A	Straight	UL, CSA & VDE	131-3089-00 <sup>b</sup>	U	.251	CR	
4	.915	.500	N/A	Straight	UL & CSA	131-3914-00		.353	CR	
4	.915	.550	N/A	Straight	UL & CSA	131-2391-00	U	.378	CS	204-0856-00
4	1.050	.680	1.745	Right Angle	UL, CSA & VDE	131-2588-00		.680	CS	204-0889-00
4	1.050	.720	N/A	Straight	UL, CSA & VDE	131-2803-00 <sup>b</sup>		.380	CR	204-0889-00
4	1.050	.725	N/A	Straight	UL & CSA	131-2857-00 <sup>b</sup>		.321	CR	204-0949-00
5	1.300	.725	N/A	Straight	UL, CSA & VDE	131-2621-00 <sup>b</sup>		.426	CR	204-0891-00
5	1.300	.725	N/A	Straight	UL, CSA & VDE	131-2586-00		.590	CS	204-0887-00
6	.800	.725	N/A	Straight	UL & CSA	131-2954-00 <sup>b</sup>		1.457	CR	
6	1.550	.680	2.245	Right Angle	UL, CSA & VDE	131-2587-00		.816	CS	204-0890-00
6	1.550	.680	2.245	Right Angle	UL, CSA & VDE	131-2587-01		1.155	CS	131-2618-00
6	1.550	.725	N/A	Straight	UL	131-4192-00		.898	CR	
9	.800	.725	N/A	Straight		131-3274-00		2.640	CS	
9	.800	.725	N/A	Straight	UL & CSA	131-1737-00 <sup>b</sup>	U	.469	CR	

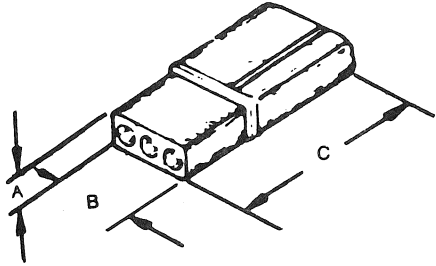
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

## MATING

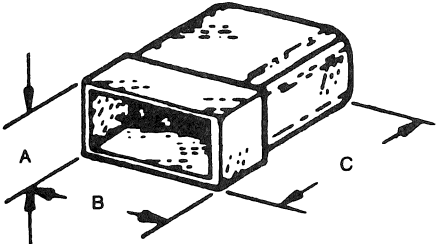
### MALE



UL Approved For 250 V

Number Positions	Dimensions			Part Number	Code <sup>a</sup>		
	A	B	C		ND	Cost	ST
1 x 3	.310	.630	.850	204-0609-00		.111	OT
1 x 3	.310	.630	.850	204-0640-00		.152	CR
1 x 4	.330	1.010	.930	204-0856-00		.170	CR
2 x 3	.725	.610	.850	204-0802-00		.295	OT

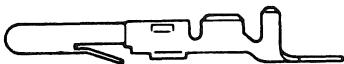

### FEMALE



UL Approved For 250 V

Number Positions	Dimensions			Part Number	Code <sup>a</sup>			Mating Part Number
	A	B	C		ND	Cost	ST	
1 x 2	.295	.530	.860	204-0855-00		.099	CS	204-0609-00 & 204-0640-00
1 x 3	.325	.810	.930	204-0639-00		.167	CR	

Tin plated male and female contacts are not intermixable in the same housing.

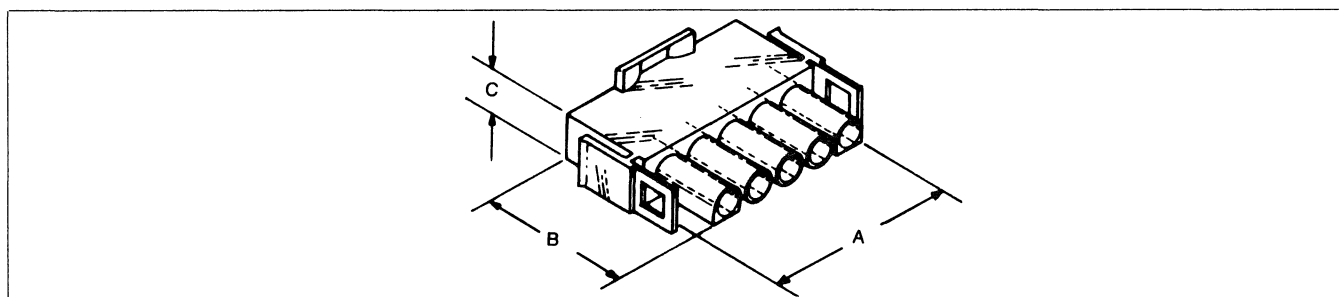
 MALE	Wire Size	Gender	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
 FEMALE	20-14 AWG	Female	131-1620-00		.037	CR
	20-14 AWG	Male	131-1055-00		.039	CR
	20-14 AWG	Male	131-1610-00			DL
	20-14 AWG	Female	131-1765-00			DL
	30-22 AWG	Female	131-2495-00		.039	CR
	PCB Tab	Male	131-1056-00		.082	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

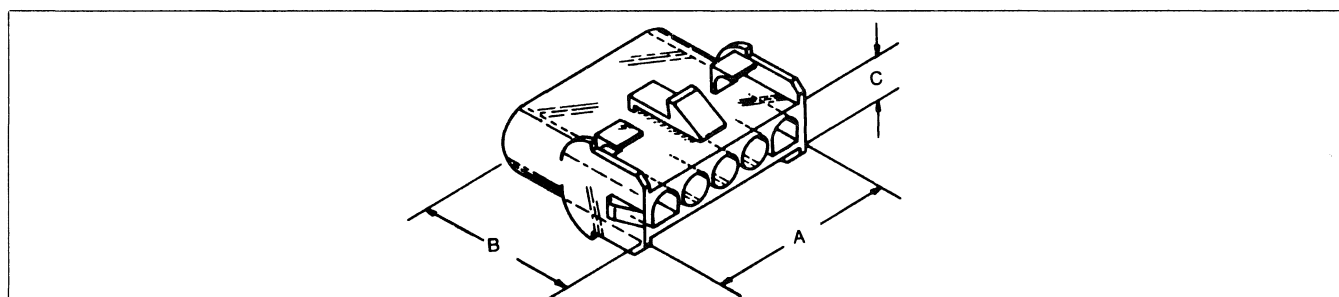
## MATING (cont)

### MALE



Number Positions	Dimensions			UL Recognized	Part Number	Code <sup>a</sup>		
	A	B	C			ND	Cost	ST
1 x 2	.550	1.080	.580	94V-2	204-0866-00		.150	CR
1 x 2	.550	1.080	.580	94V-0	204-0940-00		.254	CR
1 x 3	.800	1.080	.580	94V-2	204-0859-00		.162	OT
1 x 3	.800	1.080	.580	94V-0	204-0859-01		.160	CR
1 x 4	1.050	1.080	.580	94V-2	204-0889-00		.174	CS
1 x 4	1.050	1.080	.580	94V-0	204-0949-00		.233	OT
1 x 5	1.300	1.080	.580	94V-0	204-0891-00		.169	CS
1 x 5	1.300	1.080	.580	94V-2	204-0887-00		.179	CR
2 x 3	1.550	1.080	1.080	94V-2	204-0962-00			DL
2 x 4	.900	.930	.725	94V-0	204-0022-00			DL

### FEMALE



Number Positions	Dimensions			UL Recognized	Part Number	Code <sup>a</sup>			Mating Part Number
	A	B	C			ND	Cost	ST	
1 x 2	.550	1.080	.300	94V-2	204-0865-00		.155	CR	204-0866-00
1 x 3	.805	1.080	.300	94V-2	204-0951-00		.135	OT	204-0859-00
1 x 5	1.300	1.080	.300	94V-2	204-0888-00		.174	CR	204-0887-00
2 x 4	.805	.850	.725	94V-0	204-0003-00			DL	

Tin plated male and female contacts are intermixable in the same housing.

Wire Size	Gender	Part Number	Codes <sup>a</sup>		
			ND	Cost	ST
12-10 AWG	Female	131-2386-00		.179	CS
	Female	131-1874-00		.021	CR
20-14 AWG	Male	131-1906-00		.020	CS
	Male	131-2591-00		.031	CR
20-14 AWG	Female	131-2592-00		.031	CR
24-18 AWG	Female	131-2455-00		.031	CR
24-18 AWG	Male	131-2456-00		.031	CR
24-18 AWG	Female	131-2953-00			DL
24-18 AWG	Male	131-1245-00			OB

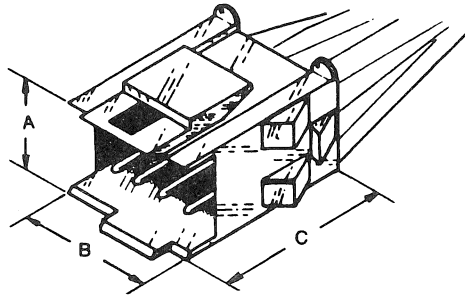
<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

## MATING (cont)

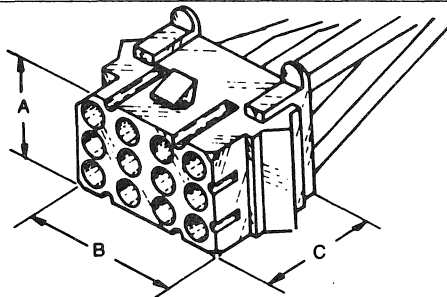
### MALE



UL Approved For 250 V

Number Positions	Dimensions			Part Number	Code <sup>a</sup>		
	A	B	C		ND	Cost	ST
24	1.115	.695	1.335	204-0681-00		.742	CR
36	1.610	.695	1.830	204-0699-00		.811	CS
50	.750	1.983	.757	131-1537-00		1.060	CR



### FEMALE



UL Approved For 250 V

Number Positions	Dimensions			Part Number	Code <sup>a</sup>		
	A	B	C		ND	Cost	ST
9	.800	.800	1.080	352-0881-00	A		EN
24	1.115	.785	1.335	204-0682-00		.668	CR
36	1.610	.785	1.830	204-0700-00		.847	CS

Tin plated male and female contacts are not intermixable in the same housing.

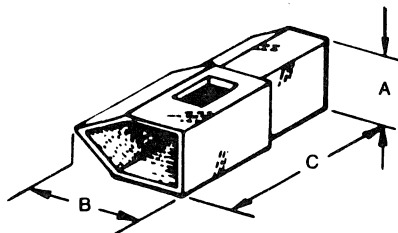
	Wire Size	Gender	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
 <b>MALE</b>	18-16 AWG	Male	131-1625-00		.197	CR
	18-16 AWG	Female	131-1622-00		.253	OT
	22-20 AWG	Female	131-1039-00		.213	CS
	24-20 AWG	Male	131-0958-00		.197	CR
	26-18 AWG	Female	131-1818-00		.202	CR
	26-18 AWG	Male	131-1819-00		.117	CS
	26-24 AWG	Female	131-2742-00		.155	CR
	26-24 AWG	Male	131-2736-00		.124	CR
	30-26 AWG	Male	131-2395-00		.213	CS
	 <b>FEMALE</b>					

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

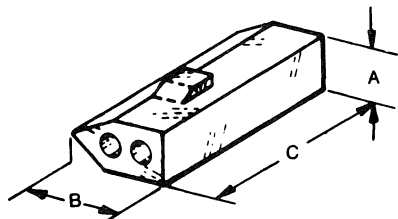
## MATING (cont)

### MALE





Number Positions	Dimensions			UL Recognized	Part Number	Code <sup>a</sup>		
	A	B	C			ND	Cost	ST
1 x 2	.533	.639	.968	94V-2	204-0827-00		.094	CR
1 x 3		.340	.970	94V-2	204-0884-00		.098	CS
1 x 4	.236	.868	1.000	94V-2	131-0947-00 <sup>b</sup>		.136	CR
2 x 3	.563	.733	.969	94V-2	131-1323-00 <sup>b</sup>		.130	CR

### FEMALE



Number Positions	Dimensions			UL Recognized	Part Number	Code <sup>a</sup>		
	A	B	C			ND	Cost	ST
1 x 2	.250	.536	1.000	94V-2	204-0826-00 <sup>b</sup>		.140	CR
1 x 2	.312	.536	1.000	94V-2	204-0836-00 <sup>b</sup>		1.790	CR
1 x 3	.240	.670	1.015	94V-2	204-0734-00 <sup>b</sup>		.076	CS
1 x 4	.340	.970	.970	94V-2	131-0946-00 <sup>b</sup>		.120	CR
2 x 3	.563	.434	1.015		131-1324-00		.190	CR

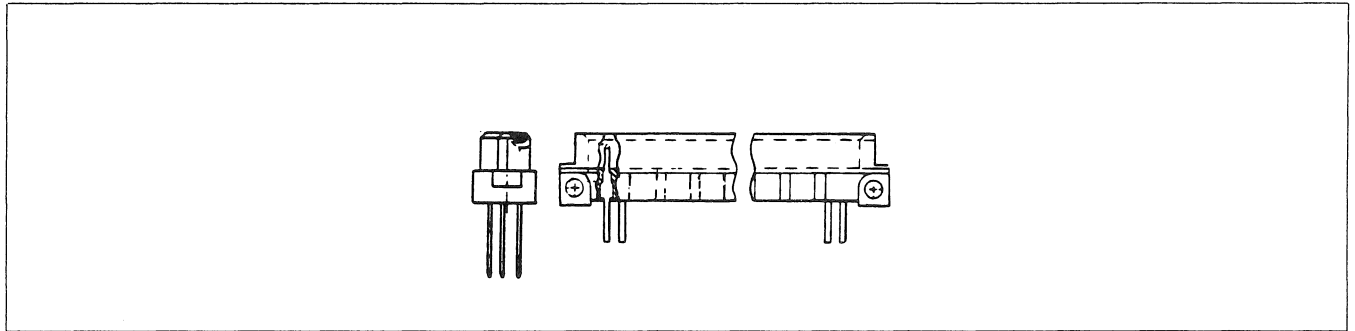
 MALE   FEMALE	Wire Size	Gender	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
	20-14 AWG	Male	131-0945-00		.011	CR
	20-14 AWG	Female	131-0948-00		.011	CR
	22-18 AWG	Female	131-2327-00		.415	CS
	22-18 AWG	Male	131-2328-00		.415	CS
	22-18 AWG	Male	131-3619-00		.069	CR
	24-22 AWG	Male	131-2417-00			DL
	PCB	Male	131-1693-00		.049	CS
	PCB	Female	131-1694-00		.049	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

## EUROCARD/DIN



### STRAIGHT

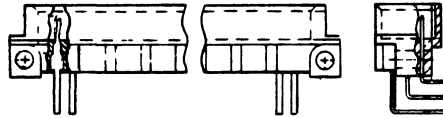
Number of Pins	Pin Length	Gender	Part Number	Codes <sup>a</sup>			
				ND	Cost	ST	
15 Staggered	.157	Female	131-4382-00		9.060	EN	
2 x 16	.157	Female	131-2951-00		2.190	CR	
2 x 18	.125	Female	131-3995-00		2.720	CR	
2 x 32	.157	Female	131-2952-00		2.300	CR	
2 x 32	.512	Female	131-4043-00		2.540	CR	
3 x 16	.157	Female	131-2863-00 <sup>b</sup>	U	2.510	CR	
3 x 16	.157	Female	131-3225-00 <sup>b</sup>		2.520	CR	
3 x 16	.161	Male	131-4134-00		1.300	CR	
3 x 16	.180	Female	131-3840-00		1.640	PP	
3 x 16	.180	Female	131-4393-00		1.860	PP	
3 x 16	.190	Male	131-3583-00		1.790	CR	
3 x 16	.190	Male	131-3842-00		1.540	PP	
3 x 16	.250	Female	131-4438-00		2.370	PP	
3 x 16	.250	Male	131-4439-00		1.560	PP	
3 x 32	.128	Male	131-2963-00		A	1.610	CR
3 x 32	.157	Female	131-2864-00			3.715	CR
3 x 32	.180	Female	131-3841-00			2.920	PP
3 x 32	.190	Male	131-3844-00			2.590	CR
3 x 32	.250	Female	131-4417-00			4.080	PP
3 x 32	.250	Male	131-4416-00	2.900		PP	
3 x 32	.250	Female	131-3794-00	4.345		CR	
3 x 32	.520	Female	131-2867-00	4.970		CR	
3 x 32	.531	Female	131-3912-00				
3 x 32	.533	Male	131-3186-00	3.150		CR	
3 x 32	.733	Male	131-3634-00	1.740		CR	
3 x 32	.733	Male	131-3697-00	2.867		CR	
3 x 50	.157	Male	131-3516-00			8.900	CR
3 x 50	.512	Male	131-4411-00			11.900	PP
3 x 50	.512	Female	131-4410-00		13.900	PP	

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

## EUROCARD/DIN (cont)



### RIGHT ANGLE

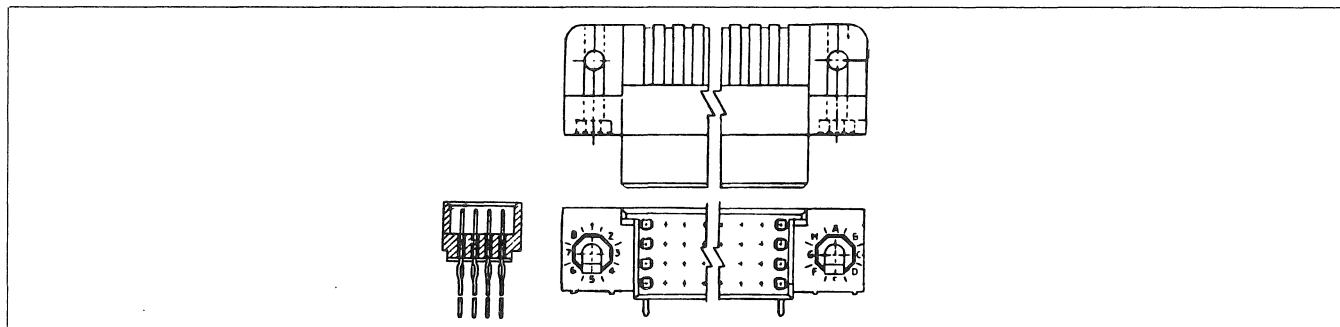
Number of Pins	Pin Length	Gender	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
15 Staggered	.110	Male	131-4381-00		6.230	EN
2 x 16		Female	131-3069-00		5.060	CR
2 x 16	.114	Male	131-2949-00		1.00	CR
2 x 32	.114	Male	131-2950-00		1.950	CR
2 x 32	.108	Female	131-3268-00	A	1.760	CR
2 x 32	.138	Female	131-2981-00		4.210	CR
3 x 16	.104	Male	131-3839-00		1.690	CR
3 x 16	.104	Male	131-4318-00		2.470	EN
3 x 16	.108	Female	131-3843-00		1.780	PP
3 x 16	.108	Female	131-4580-00		2.470	PP
3 x 16	.114	Female	131-3439-00 <sup>b</sup>		2.420	CR
3 x 16	.114	Male	131-3440-00 <sup>b</sup>		1.230	CR
3 x 16	.585	Male	131-2865-00		6.910	CR
3 x 16	.585	Male	131-3226-00 <sup>b</sup>	U	3.000	CR
3 x 32	.104	Male	131-3151-00		1.970	CR
3 x 32	.104	Male	131-3692-00		2.770	CR
3 x 32	.104	Male	131-2866-00 <sup>b</sup>		2.590	CR
3 x 32	.109	Male	131-2866-01		2.590	CR
3 x 32	.109	Female	131-4133-00		5.170	CR
3 x 32	.114	Female	131-2964-00		2.210	CR
3 x 32	.116	Female	131-3113-00		3.854	CR
3 x 32	.168	Female	131-3443-00		2.660	CR
3 x 32	.236	Male	131-3381-00			DL
3 x 32		Female	131-3693-00		3.260	CR
3 x 50	.114	Female	131-3517-00		9.200	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

## HIGH DENSITY



## STRAIGHT

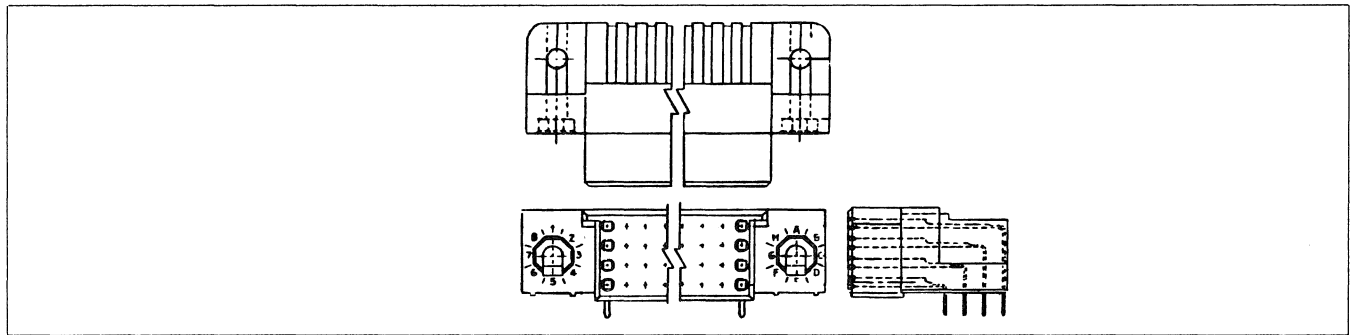
Number of Pins	Pin Length	Gender	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
3 x 8	.250	Male	131-3915-00			EN
3 x 32	.250	Male	131-4060-00			EN
3 x 32	.533	Male	131-4161-00		2.800	CR
3 x 92	.177	Female	131-4150-00		28.750	PP
3 x 92	.533	Male	131-4058-00		7.150	CR
3 x 92	.250	Male	131-4107-00		6.860	PP
4 x 30	.120	Female	131-4442-00		18.740	PP
4 x 30	.177	Male	131-4443-00		5.570	PP
4 x 32	.149	Female	131-3924-00		24.130	PP
4 x 32	.190	Male	131-3922-00		5.600	PP
4 x 40	.190	Male	131-3326-00 <sup>b</sup>		6.880	CR
4 x 42		Male	131-4426-00		8.840	CR
4 x 80	.190	Male	131-4573-00			EN
4 x 92	.120	Male	131-3713-00		14.350	CR
4 x 135	.177	Male	131-3715-00		17.480	CR
4 x 135	.197	Male	131-3425-00 <sup>b</sup>		16.080	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

## HIGH DENSITY (cont)



### RIGHT ANGLE

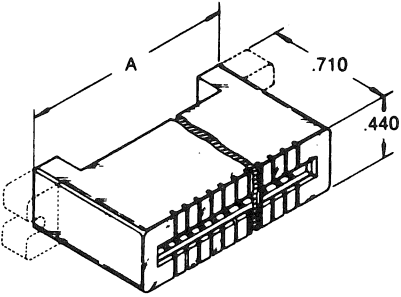
Number of Pins	Pin Length	Gender	Part Number	Codes <sup>a</sup>		
				ND	Cost	ST
3 x 32		Female	131-4061-00		8.670	CR
3 x 75		Female	131-3297-00 <sup>b</sup>		29.330	CS
3 x 92	.120	Female	131-4059-00		22.070	CR
4 x 30	.120	Female	131-3948-00		11.470	PP
4 x 30	.180	Male	131-4039-00		14.220	PP
4 x 32	.120	Female	131-4055-00			EN
4 x 32	.180	Female	131-3923-00		16.790	EN
4 x 35	.180	Female	131-3296-00 <sup>b</sup>		21.820	CS
4 x 35	.180	Male	131-3892-00		8.960	PP
4 x 40	.180	Female	131-3264-00 <sup>b</sup>		20.460	CR
4 x 40	.180	Male	131-3330-00		5.070	CR
4 x 42		Female	131-4424-00			CR
4 x 42		Male	131-4425-00			CR
4 x 50	.180	Male	131-3331-00 <sup>b</sup>		8.720	CR
4 x 50	.180	Male	131-3286-00		8.720	CR
4 x 50	.180	Female	131-3287-00 <sup>b</sup>		21.460	CR
4 x 75	.180	Female	131-3236-00	U	29.850	CS
4 x 92	.180	Female	131-3712-00 <sup>b</sup>		35.590	CR
4 x 92	.145	Female	131-3712-01 <sup>b</sup>		33.800	CR
4 x 135	.145	Female	131-3714-00 <sup>b</sup>		44.960	CR
4 x 135	.120	Female	131-3714-01 <sup>b</sup>		42.710	CR
4 x 135	.180	Female	131-3266-00 <sup>b</sup>		41.370	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

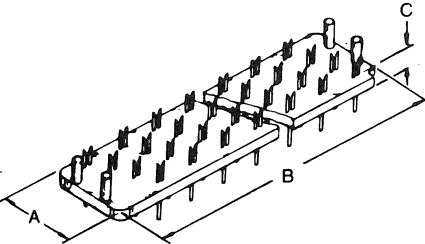
<sup>b</sup> Safety controlled.

## CONNECTOR, RECEPTACLE, ELECTRICAL (cont) INSULATION DISPLACEMENT SYSTEM

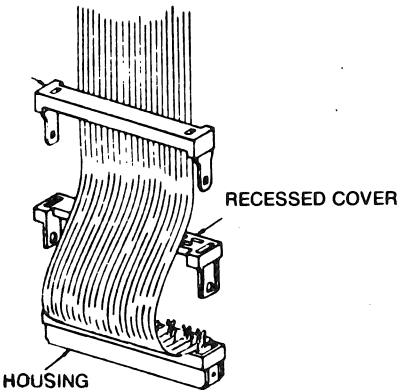
### EDGE CARD

	Number of Positions	Dimension A	Other	Part Number	Codes <sup>a</sup>		
					ND	Cost	ST
	2 x 13	1.800		131-2097-00		2.400	CS
	2 x 20	2.500		131-2091-00		4.900	CS

### CIRCUIT BOARD MOUNT

	Number of Positions	Dimensions			Other	Part Number	Codes <sup>a</sup>		
		A	B	C			ND	Cost	ST
	26	.400	1.500	.100		131-2098-00		1.030	CR
	34	.400	1.900	.100		131-0817-00	U	.740	CR
	34	.400	1.900	.100		131-3355-00		1.020	PP
	40	.400	2.200	.100		131-3356-00			DL
	2 x 8	.276	1.000	.108	With Cover	131-3357-00		.810	CR
	2 x 20	.434	2.130	.290	Right Angle, With Shield	131-3167-00		6.260	CR
	2 x 25	.434	2.630	.290	Right Angle, With Shield	131-3166-00	A	6.640	CR

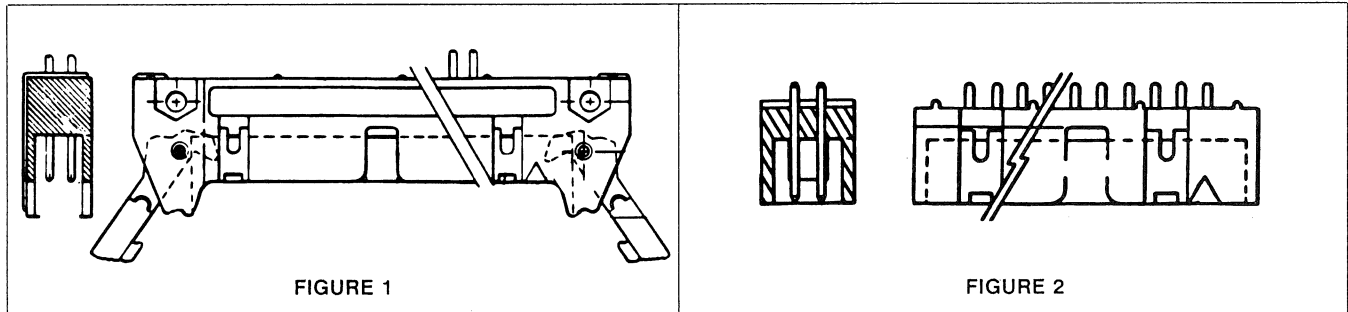
### FEMALE

	Number of Positions	Connector Length	Other	Part Number	Codes <sup>a</sup>		
					ND	Cost	ST
	2 x 8	.980		131-2201-01		.820	CR
	2 x 10	1.180	With Strain Relief	131-2064-00		1.440	CR
	2 x 13	1.480		131-1677-00		1.910	CS
	2 x 17	1.880	With Strain Relief	131-0833-00		.800	CR
	2 x 17	1.890	With Strain Relief	131-2956-00			DL
	2 x 20	2.180		131-1672-00		1.150	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont) INSULATION DISPLACEMENT SYSTEM

## HEADER (STRAIGHT)



Number of Positions	With Lock & Eject Feature		Pin Length	Circuit Board Thickness	Figure	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
2 x 5	No		.105	.062 - .125	2	131-4303-00		.410	PP
2 x 5	No		.112		2	131-3520-00		.470	CR
2 x 5	No		.112		2	131-4529-00		.510	EN
2 x 5	No				2	131-4016-00		1.070	CR
2 x 5	No				2	131-3467-00		1.100	CR
2 x 7	No		.112	.062	1	131-4183-00		1.050	CR
2 x 7	No		.160	.093 - .125	1	131-4062-00		.520	CR
2 x 8	No			.062	2	131-3435-00		.820	CR
2 x 8	No		.112	.062 - .125	2	131-3152-00		.700	CR
2 x 8	No	Yes	.112	.062	1	131-3042-01		1.340	CR
2 x 8	No		.150		1	131-2786-00		.850	CR
2 x 8		Yes	.155	.125	1	131-3042-00			DL
2 x 10	No		.105		2	131-3893-00		1.070	CR
2 x 10	No		.105	.062 - .125	2	131-4304-00		.830	PP
2 x 10		Yes	.105		2	131-3092-00	U	1.830	CR
2 x 10		Yes	.107		1	131-3503-00 <sup>b</sup>		1.350	CR
2 x 10	No		.112		1	131-3360-00		.600	CR
2 x 10	No		.112	.062	1	131-3187-00	U	.960	OT
2 x 10		Yes	.112	.062	1	131-3132-00		1.270	CR
2 x 12	No		.112		2	131-4114-00		.720	EN
2 x 12	No	.062			2	131-4299-00		1.560	CR
2 x 13	Yes		.102	.062	1	131-4087-00		1.510	CR
2 x 13	No		.112		1	131-3362-00		1.160	CR
2 x 15	No		.110		1	131-3429-00		2.030	CR
2 x 17	No		.105	.062 - .125	2	131-4305-00		1.400	PP
2 x 17	No		.112	.062	1	131-3188-00		.960	CR
2 x 17	No		.112		2	131-3364-00		1.020	CR
2 x 17		Yes	.112	.062	1	131-3133-00		2.270	CR
2 x 17		Yes	.112	.062	1	131-3039-01		2.270	CR
2 x 17	No		.155		2	131-2406-00		3.000	CS
2 x 17		Yes	.150	.125	1	131-3150-00		2.190	CR
2 x 17		Yes	.155	.125	1	131-3039-00		2.400	CR
2 x 17	No		.174		1	131-3793-00		4.570	CR
2 x 20		Yes	.092	.092	1	131-3238-00		2.680	CR
2 x 20	No		.105	.062 - .125	2	131-4306-00		1.650	PP
2 x 20	No		.112		2	131-3365-00		1.150	PP
2 x 20	No		.112		2	131-3323-00		1.300	CR
2 x 20		Yes	.112		1	131-3940-00		2.460	CR
2 x 20	No		.125		2	131-2856-00		5.120	CR
2 x 20	No		.150		1	131-2727-00		2.490	CS
2 x 20	No		.120		2	131-3718-00		.950	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> Safety controlled.



**CONNECTOR, RECEPTACLE, ELECTRICAL (cont)**  
**INSULATION DISPLACEMENT SYSTEM (cont)**

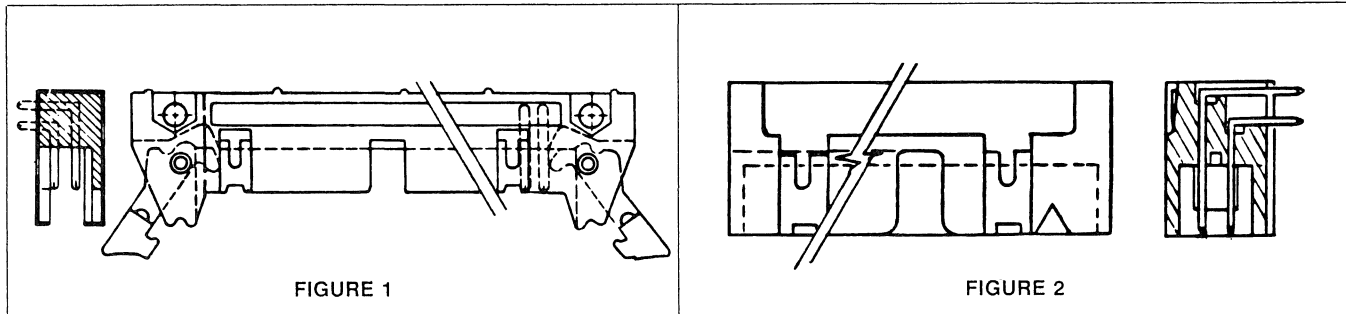
**HEADER (STRAIGHT) (cont)**

Number of Positions	With Lock & Eject Feature		Pin Length	Circuit Board Thickness	Figure	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
2 x 25	No		.105		2	131-3894-00		2.620	CR
2 x 25	No		.106		1	131-3944-00		5.860	CR
2 x 25	No		.112	.062 - .125	2	131-3147-00		1.640	CR
2 x 25		Yes	.112	.062	1	131-3205-00		3.230	CR
2 x 25		Yes	.112		1	131-3825-00		1.440	CR
2 x 25		Yes	.112	.062	1	131-3041-00		2.620	CR
2 x 25	No		.155	.125	2	131-2409-00		2.620	CS
2 x 25	No		.160	.093 - .125	1	131-3913-00		1.860	CR
2 x 30	No		.105	.062 - .125	2	131-3277-00		3.040	CR
2 x 30	No		.106		1	131-4454-00		5.360	PP
2 x 32		Yes	.100	.062	1	131-2800-00		5.040	CS
2 x 40		Yes	.106		1	131-4336-00			PP

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

# CONNECTOR, RECEPTACLE, ELECTRICAL (cont) INSULATION DISPLACEMENT SYSTEM

## HEADER (RIGHT ANGLE)



Number of Positions	With Lock & Eject Feature		Pin Length	Circuit Board Thickness	Figure	Part Number	Codes <sup>a</sup>		
							ND	Cost	ST
1 x 6	No		.110		2	131-3709-00		.950	CR
1 x 28	No		.110		2	131-3802-00		2.640	CR
2 x 5	No		.105		2	131-3976-00		.520	PP
2 x 5	No		.112		2	131-3358-00		.470	CR
2 x 5		Yes	.112	.062	1	131-3055-00		1.200	CR
2 x 7	No		.107	.125	2	131-3445-00		.690	CR
2 x 8	No		.105		1	131-2550-00		1.020	CR
2 x 8	No		.112		2	131-4023-00		1.150	CR
2 x 8	No		.117	.062 - .125	2	131-3453-00		.700	CR
2 x 10	No		.100		2	131-4406-00		2.020	PP
2 x 10	No		.110		1	131-3195-00	U		DL
2 x 10		Yes	.112	.062	1	131-3906-00		1.440	CR
2 x 10	No		.112		2	131-3359-00		.830	CR
2 x 13		Yes		.062	1	131-3384-00		1.710	CR
2 x 13		Yes	.110	.062	1	131-4103-00		2.288	PP
2 x 13	No	Yes	.112	.062	1	131-3129-00		1.820	CR
2 x 13	No		.112		2	131-3361-00		.950	CR
2 x 13	No		.150	.094 - .125	1	131-2350-01	U	2.020	CR
2 x 17		Yes	.100	.062	1	131-1740-00			DL
2 x 17	No		.105		2	131-3975-00		1.870	PP
2 x 17		Yes	.106		1	131-3974-00		3.400	PP
2 x 17		Yes	.106		1	131-4048-00		2.620	PP
2 x 17		Yes	.110		1	131-3696-00		3.470	CR
2 x 17		Yes	.112	.062	1	131-3040-00		2.200	CR
2 x 17		Yes	.112		1	131-4093-00		1.240	CR
2 x 17		Yes	.150	.125	1	131-3149-00		2.330	CR
2 x 17	No			.062	2	131-3087-00		3.370	CR
2 x 17	No		.092	.062	1	131-1465-00		1.310	CR
2 x 17	No		.112	.062	2	131-3363-00		1.160	CR
2 x 20		Yes	.092		1	131-2597-00		2.350	CR
2 x 20		Yes	.107	.062	1	131-3130-00		2.420	CR
2 x 20		Yes	.110		1	131-3154-00	U	1.990	CS
2 x 20		Yes	.112	.062	1	131-3075-01		2.420	CR
2 x 20	No		.117	.062 - .125	2	131-3181-00		1.160	CR
2 x 20		Yes	.155	.125	1	131-3075-00		2.850	CR
2 x 20	No		.610		1	131-1648-00	U	5.030	CR
2 x 20	No		.105	.062	1	131-2139-01		3.670	CR
2 x 25		Yes	.092	.062	1	131-2405-00		1.910	CR
2 x 25		Yes	.092	.062	1	131-2457-00		3.110	CR
2 x 25	No		.105		1	131-1780-00	U	1.640	CR
2 x 25		Yes	.106		1	131-3967-00		4.870	PP
2 x 25		Yes	.112	.062	1	131-3131-00		2.800	CR
2 x 25	No		.117	.062 - .125	2	131-3182-00		1.500	CR
2 x 25	No		.155	.094 - .125	1	131-2410-00		3.000	CS

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

## CONNECTOR, RECEPTACLE, ELECTRICAL (cont) INSULATION DISPLACEMENT SYSTEM (cont)

### HEADER (RIGHT ANGLE) (cont)

Number of Positions	With Lock & Eject Feature		Pin Length	Circuit Board Thickness	Figure	Part Number	Codes <sup>a</sup>			
							ND	Cost	ST	
2 x 30	No	Yes	.106		1	131-4314-00			EN	
2 x 30		Yes	.106		1	131-4049-00		5.140	PP	
2 x 30				.112		2	131-3047-00		2.530	CR
2 x 30		No		.112		2	131-3366-00		2.150	PP
2 x 32		Yes	.100		1	131-2648-00		4.250	CR	
2 x 32		Yes	.106		1	131-3965-00		6.120	PP	
2 x 32		Yes	.106		1	131-4587-00			EN	
2 x 32		Yes	.110		1	131-3804-00		4.328	CR	
2 x 40	No		.106		2	131-4589-00			EN	
4 x 10		Yes	.114		1	131-4498-00		5.610	CR	
4 x 20		Yes	.114		1	131-4499-00		11.220	CR	

### MISCELLANEOUS

Part Number	Description	Codes <sup>a</sup>		
		ND	Cost	ST
131-2750-00	Connector, Electrical Receptacle, Straight Header 1 x 6 Round Pins		.060	CR
131-3101-00	Connector, Electrical Receptacle, Parallel Printed Circuit Board to Printed Circuit Board, Spring Contacts Both Sides, 25 Position, .100 Centers		2.530	CR
131-3320-00	Connector, Electrical Receptacle, Pin Header 2 x 25 Position Vertical Mount, .100 Inch Centers, .025 Square Pins		7.530	CR
131-3369-00	Connector, Electrical Receptacle, Shielded Data Link, 6 Lines, Side Entry Without Ground	A	1.810	CR
131-3542-00	Connector, Electrical Receptacle, Special, Right Angle, 4 x 60, Safety Controlled		42.400	CR
131-4457-00	Connector, Electrical Receptacle, Vertical Mount Receptacle, .085 Inch Centers, 2 x 25		5.130	PP
131-4458-00	Connector, Electrical Receptacle, Vertical Mount Plug, .085 Inch Centers, 2 x 25		5.130	PP
204-0963-00	Connector Body, Receptacle, 19 Position Accepts Size 16 Multimite Contacts		.770	OT
204-0964-00	Connector Body, Plug, 19 Position Accepts Size 16 Multimite Contacts		.820	OT

### FLAT LAMINATED CABLE

FOR USE WITH INSULATION DESPLACEMENT CONNECTORS				
Conductor	Part Number	Codes <sup>a</sup>		
		ND	Cost	ST
20	175-5085-00		.238/ft	PP
26	175-1525-00		.355/ft	CS
34	175-1084-00		.320/ft	CR
Size 28 AWG Stranded Cable 7 Strands of Size 36 AWG Tinned Copper Gray or Light Blue				

### FLEX CIRCUIT

131-2680-00 COST:<sup>a</sup> 1.140 STATUS CODE:<sup>a</sup> CR  
 NUMBER OF POSITIONS 1 x 17  
 CURRENT RATING: 3 AMPS  
 RECTANGULAR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

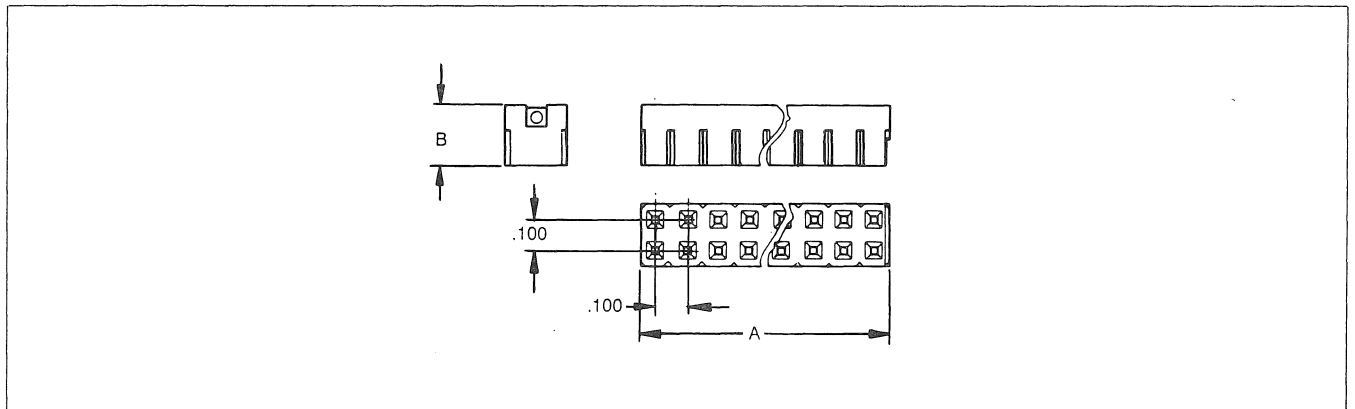
## CONNECTOR, RECEPTACLE, ELECTRICAL (cont)

**NOT RECOMMENDED FOR NEW DESIGN  
INSULATION DISPLACEMENT SYSTEM**

Part Number	Description	Codes <sup>a</sup>	
		Cost	ST
131-2129-00	Connector, Receptacle, 2 x 17 Position Edge Card, 2.200 Long	5.400	PP
131-2144-00	Connector, Receptacle, 2 x 20 Position Edge Card, 2.852 Long With Mounting Ears	8.360	OT
131-2172-00	Connector, Receptacle, 2 x 25 Position Edge Card, 3.900 Long With Mounting Ears	3.540	CS
131-2411-00	Connector, Receptacle, 2 x 50 Circuit Board Mount, 2.700 Long		DL
131-2792-00	Connector Socket, 2 x 8 Position, Female on .100 Centers With Strain Relief, Accepts Round Conductor Flat Ribbon Cable, Non-polarizing, .990 Long		OB
131-1560-00	Connector Socket, 2 x 13 Position, Female on .100 Centers, Accepts Round Conductor Flat Ribbon Cable, 1.480 Long		CS
131-1560-01	Connector Socket, 2 x 13 Position, Female on .100 Centers With Strain Relief, Accepts Round Conductor Flat Ribbon Cable, 1.480 Long		DL
131-0833-01	Connector Socket, 2 x 17 Position, Female on .100 Centers With Latching Ears on Each Contact, With Cover, Accepts Round Conductor Flat Ribbon Cable, 1.760 Long	4.600	CS
131-2224-00	Connector Socket, 2 x 20 Position, Female on .100 Centers With Strain Relief, Accepts Round Conductor Flat Ribbon Cable, 2.180 Long	1.120	OT
131-1781-00	Connector Socket, 2 x 25 Position, Female on .100 Centers With Strain Relief, Accepts Round Conductor Flat Ribbon Cable, 2.680 Long	3.600	CR
131-2793-00	Connector Socket, 2 x 32 Position, Female on .100 Centers With Strain Relief, Accepts Round Conductor Flat Ribbon Cable, 3.390 Long		OB
131-2568-00	Connector, Receptacle, 2 x 8 Position, Without Latch and Eject Feature, Right Angle Header		DL
131-2407-00	Connector, Receptacle, 2 x 13 Position, Without Latch and Eject Feature, .155 Long Pins, Right Angle Header on .100 Centers, Low Profile, Circuit Board Mount	1.890	CS
131-1649-00	Connector, Receptacle, 2 x 17 Position, Without Latch and Eject Feature, .610 Long Pins, Right Angle Header		OB
131-2139-00	Connector, Receptacle, 2 x 20 Position, Without Latch and Eject Feature, .092 Long Pins, Right Angle Header	3.660	CS
131-2229-00	Connector, Receptacle, 2 x 25 Position, Without Latch and Eject Feature, .092 Long Pins, Right Angle Header	2.640	LS
175-1941-00	Cable, Special Purpose, Electrical, Flat, 40 Size 28 AWG Stranded, 7 Strands of size 35 AWG Tinned Copper, Gray or Light Blue, Operating Temperature -40°C to +80°C, Voltage Rating 600 VAC RMS, UL Style 2480	.295/ft	CS
175-1689-00	Cable, Special Purpose, Electrical, Flat, 50 Size 28 AWG Stranded, 7 Strands of size 35 AWG Tinned Copper, Gray or Light Blue, Operating Temperature -20°C to +105°C, Voltage Rating 300 VAC RMS, UL Style 2651	.691/ft	CR
131-2635-00	Connector, Receptacle, 1 x 10 Position on .100 Centers		OB
131-2636-00	Connector, Receptacle, 1 x 12 Position on .100 Centers		OB
131-2637-00	Connector, Receptacle, 1 x 14 Position on .100 Centers		OB
131-2660-00	Connector, Receptacle, 1 x 20 Position on .100 Centers		OB

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

## CONNECTOR, RECEPTACLE, ELECTRICAL (cont) SQUARE PIN TERMINAL JUMPERS



Number of Pins	Dimensions		Other	Part Number	Codes <sup>a</sup>		
	A	B			ND	Cost	ST
1 x 4	.400 Max	.200 Max	UL Recognized & CSA Certified	131-3562-00		.328	CR
1 x 4	.400 Max	.222 Max	UL Recognized & CSA Certified	131-3640-00		.326	CR
1 x 6	.600 Max	.200 Max	UL Recognized & CSA Certified	131-3563-00		.492	CR
1 x 8	.800 Max	.200 Max	UL Recognized & CSA Certified	131-3564-00		.655	CR
2 x 6	.600	.200 Max	UL Recognized & CSA Certified	131-3988-00		1.290	CR
2 x 10	1.000 Max	.200 Max		131-3488-00		1.404	CR

<sup>a</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.









# SECTION 14

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### NOTE

Many of our products have internal identification markings such as high-voltage, warnings, etc., in the form of adhesive labels. These adhesive warning labels fall into two classes:

1. Labels REQUIRED to be included. Underwriters Laboratory is usually the organization that requires such warnings.
2. Labels used to meet our moral obligation as to safety, and for the product-liability benefit of Tektronix. These warnings are urged by Tektronix' legal department.









If the label you are considering is required by Underwriters Laboratory, you will need to be sure the label meets Under Laboratory's requirements for recognized labels. This means the letter sizes and colors must meet the requirements of the Underwriters Laboratory standard for the product you are working on. Also, you will generally need to obtain the labels from vendors outside Tektronix, whose labels conform to Underwriters Laboratory provisions. One of the requirements is that the labels adhere to the material on which they will be placed. Suppliers of Underwriters Laboratory-recognized adhesive labels are listed in Underwriters Laboratory's "Recognized Component Index" under the heading "Labeling and Marking Systems"; or call Product Safety, 627-1810. Some of the identification markings listed above may not meet Underwriters Laboratory requirements.

Please refer to PRODUCT SAFETY NOTES #5 and #30 for some very useful information regarding warning markings in products.

CATALOG WRITER: CAROLE JACK, 629-3029

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

**DANGER**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
 <p><b>DANGER</b> MOVING PARTS AND HIGH ELECTRICAL POTENTIALS. TO SERVICE BLOWER OR RESET THERMAL OVERLOAD SWITCH REMOVE SERVICE ACCESS PANEL WITH POWER OFF ONLY.</p> 	.005 Velvet Clear Lexan, Adhesive-backed	Safety Red/ Yellow	3.500 x 1.400	DAD 1258-A	334-0038-00		.938	CR
	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	2.750 x .500	6388 B	334-2065-00		.960	CR
	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	3.250 x .850	6381 B	334-2066-00		4.070	CR
	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	3.000 x 1.600	6389 B	334-2067-00	N	1.200	CR
	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	3.500 x 1.000	6390 B	334-2068-00	N	2.070	CR
	.003 White Vinyl w/Mylar Laminate, PSA	Red/	1.650 x 1.050	N/A	334-2116-00		.071	CS
	Clear Mylar w/Mylar Laminate, PSA	Red/White	1.100 x .500	6728 A	334-2151-00		.063	CS





<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

**DANGER (cont)**







Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	.004 Yellow Vinyl, PSA	Red/	1.750 x .500	6799 A	334-2172-00		.416	CR
	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	2.000 x .450	7179-1	334-2197-00	N	.242	CR
<b>DANGER</b> SOME EC BOARDS CONTAIN HAZARDOUS VOLTAGES. SEE MAINTENANCE SECTION OF MANUAL BEFORE SERVICING.	Clear Mylar w/Mylar Laminate, PSA	Red/White	1.500 x 1.000	7306-1	334-2208-00		.176	CR
<b>DANGER</b> 12KV  INSIDE COVER	Clear Mylar w/Matte Aluminum Finish, PSA	Red/White	1.660 x 1.030	7310-1	334-2214-00		.246	CR
<b>DANGER HIGH VOLTAGE LINE VOLTAGES EXIST IN THIS UNIT</b> <b>DANGER HIGH VOLTAGE INSIDE REFER SERVICING TO QUALIFIED PERSONNEL</b>	Silver Polyester, w/.001 Matte Finish, Adhesive-backed	Red/	3.000 x 1.875	7370-2	334-2218-00	N	.834	CR
	.002 Polyester, w/Matte Aluminum Finish, PSA	Red/	1.650 x .750	7416-2	334-2255-01		.279	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

**DANGER (cont)**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
DANGER HIGH VOLTAGE UP TO 6kV PRESENT IN THIS AREA	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	1.650 x .750	7419-1	334-2258-00		1.200	CR
	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	3.000 x .750	7388-1	334-2273-00		2.370	CR
DANGER LINE VOLTAGE IN THIS AREA	.004 Yellow Vinyl, PSA	Red/	1.000 x .500	7497-1	334-2332-00		.070	CR
	.002 Yellow Vinyl, PSA	Red/	2.000 x .625	7594-1	334-2354-00		.641	CR
	Clear Mylar w/Mylar Laminate, PSA	White/Red	1.000 x .625	7603-1	334-2359-00		.369	CR
	Clear Mylar w/Mylar Laminate, PSA	White/Red	1.000 x .625	7604-1	334-2360-00		.882	OT
	Clear Mylar w/Mylar Laminate, PSA	White/Red	1.000 x .625	7605-1	334-2361-00		.290	CR
	Clear Mylar w/Mylar Laminate, PSA	White/Red	1.000 x .625	7608-1	334-2363-00		.151	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



**DANGER (cont)**






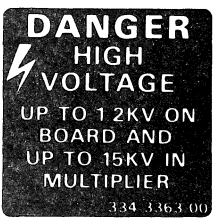
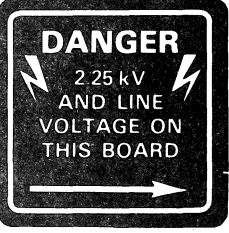
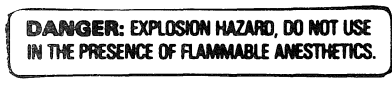
Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<b>DANGER</b> 165V ON THIS BOARD 334-2450-00	Clear Mylar w/Mylar Laminate, PSA	Red/	1.000 x .500	7699-1	334-2450-00		.228	CR
<b>DANGER</b> 2KV ON THIS BOARD CAPACITOR CHARGE ⚡ 334-2451-00	Clear Mylar w/Mylar Laminate, PSA	Red/	2.250 x 1.000	7701-1	334-2451-00	N	.348	CR
<b>DANGER</b> 165V ON THIS BOARD → 334-2452-00	Clear Mylar w/Mylar Laminate, PSA	Red/White	2.500 x .500	7700-2	334-2452-00		.116	CR
<b>DANGER</b> POWER LINE POTENTIAL IN THIS AREA	.002 Red Mylar, PSA	White/Red	2.063 x .750	8461-1	334-3003-00		.180	CR
334-3185-00 <b>DANGER</b> UP TO 100V ON THIS BOARD 334 3185 00	Clear Mylar w/Mylar Laminate, PSA	White/Red	1.000 x .625	8800-1	334-3185-00		.250	CR
<b>DANGER</b> UP TO 4.5KV AT POINTS ON THIS CIRCUIT BOARD ⚡ 334 3186 00	Clear Mylar w/Mylar Laminate, PSA	White/Red	2.000 x 1.000	8801-1	334-3186-00		.424	OT
<b>DANGER-SHOCK HAZARD</b> THIS BOARD (AND ITS SHIELD IF PROVIDED) ARE AT THE INPUT TERMINAL POTENTIAL 334-3285-00	.004 Yellow Vinyl, PSA	Red/	2.000 x .625	8800-1	334-3285-00		.241	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

**DANGER (cont)**



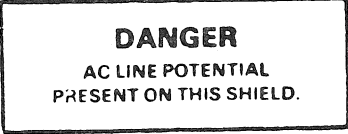
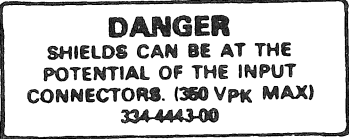

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	Mylar w/Mylar Laminate, PSA	White/Red	1.000 x .625	8956-1	334-3299-00		.475	CR
	Mylar w/Mylar Laminate, PSA	White/Red	1.000 x .625	8955-1	334-3300-00		.369	CR
	.003 White Vinyl w/Adhesive Mylar Laminate	Red/	1.050 x .500	8930-1	334-3301-00		.146	CR
	White Mylar w/Mylar Laminate, PSA	Red/	1.625 x .500	8924-1	334-3305-00		.129	CR
	Clear Mylar w/Mylar Laminate	White/Red	1.500 x .625	9029-1	334-3362-00		2.421	CR
	Clear Mylar w/Mylar Laminate	White/Red	1.180 x 1.180	9029-1	334-3363-00		.077	CR
	Clear Mylar w/Mylar Laminate	Red/White	1.180 x 1.180	9197-2	334-3457-00		.238	OT
	.002 Mylar w/Non-reflective Matte Finish, PSA UL Recognized for use on painted surfaces	Black/Clear	2.938 x .500	9358-1	334-3567-00		.245	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE**

**DANGER (cont)**


Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<b>DANGER</b> LINE VOLTAGES PRESENT, DISCONNECT LINE CORD BEFORE REMOVING THIS PROTECTIVE COVER.	.002 White Nylon w/.001 Matte Acetate Front, PSA	Black/ Tek Silver Gray	2.000 x .750	9443-1	334-3621-00		.265	CR
 <b>DANGER</b> THIS SHIELD AND SIGNAL INPUT CIRCUITRY ARE AT THE COMMON TERMINAL VOLTAGE LEVEL.	.003 Mylar Matte Finish w/.001 Laminate, PSA	Red/ Tek Silver Gray	1.400 x 1.000	9603-3	334-3750-00		.244	CR
<b>DANGER</b> 	.002 Clear Mylar w/.001 Mylar Laminate	White/Red	3.475 x .400	B10057-1	334-4126-00		.088	CR
	.002 Yellow Vinyl w/.001 Matte Mylar, PSA	Red/	2.000 x .750	B9239-A	334-4216-00		.246	CR
	.002 Polyester Film w/Aluminum Matte Finish, Adhesive-backed	Red/	2.000 x .750	10225-1	334-4443-00		.345	CR
	.001 Polyester w/.001 Clear Polyester Laminate, PSA	White/Red	1.250 x .250	WIL-441-1	334-4686-00		.130	CR
<b>CAUTION</b> FOR CONTINUED FIRE PROTECTION, REPLACE ONLY WITH SPECIFIED FUSE: T4A/280V (SLOW)	<b>DANGER</b> TRANSFORMER CORES PRESENT RISK OF ELECTRIC SHOCK. TEST BEFORE TOUCHING. SOME PARTS OF THIS BOARD ARE AT LINE POTENTIAL.	Red/	3.000 x 1.100	WIL-635-1	334-5212-00		.184	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

**DANGER (cont)**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	.004 Aluminum Mylar, PSA	Red/	1.500 x 1.000	WIL-743-1	334-5440-00		.120	CR
<p><b>DANGER</b></p> <p>TRANSFORMER CORES PRESENT RISK OF ELECTRIC SHOCK. TEST BEFORE TOUCHING.</p>	.002 White Mylar, PSA	Red/	1.650 x .850	WIL-856-1	334-6001-00		.201	CR
<p><b>DANGER</b></p> <p>FIRE, EXPLOSION, LEAKAGE &amp; SEVERE BURN HAZARD IF IMPROPERLY HANDLED.</p> <p>REFER TO SERVICE SECTION OF MANUAL BEFORE REMOVING, REPAIRING OR DISCARDING THIS BATTERY.</p>	.002 White Mylar, PSA	Safety Red/	1.500 x 1.000	ID 1548-A	334-6221-00		.091	CR
<p><b>DANGER</b></p> <p>REFER TO SERVICE SECTION OF MANUAL BEFORE REMOVING, REPAIRING, OR DISCARDING THIS LITHIUM BATTERY.</p>	.002 Mylar, PSA	Red/ Tek Silver Gray	1.500 x .700	ID 1636-A	334-6652-00		.099	CR

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<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**MARKER IDENTIFICATION  
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**CAUTION**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p><b>CAUTION : LINE VOLTAGE AND HIGH CURRENT POWER SUPPLIES INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.</b></p> <p align="right"><small>334-0033-00</small></p> </div>	.005 Velvet, Clear Lexan, Adhesive-backed	Black/ Smoke Tan	3.000 x 1.600	DAD 1253-A	334-0033-00		.936	CR
<div style="background-color: black; color: white; padding: 5px; width: fit-content;"> <p><b>CAUTION HIGH CURRENT CIRCUITS INSIDE REFER SERVICING TO QUALIFIED PERSONNEL ONLY</b></p> <p align="right"><small>2 9 3 4</small></p> </div>	.010 Velvet, Clear Lexan, Adhesive-backed	Yellow/Black	3.250 x 1.250	DAD 1254-A	334-0034-00		.925	CR
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p><b>CAUTION DO NOT WASH THIS MODULE IN WATER/DETERGENT. SEE SERVICE MANUAL</b></p> </div>	.002 Clear Mylar w/Matte Mylar Laminate	Black/Yellow	.600 x 1.600	ID 1336-A	334-0077-00		.809	CR
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p><b>90-138 VAC 48-62Hz 8W</b>  <input checked="" type="checkbox"/> <b>DOUBLE INSULATED</b>  <b>SAFETY EARTH NOT REQUIRED.</b>  <b>CAUTION</b>  <b>HIGH VOLTAGE CONTAINED INSIDE</b>  <b>REFER SERVICE TO QUALIFIED</b>  <b>PERSONNEL</b></p> <p><small>THIS INSTRUMENT MEET UNDER ONE OR MORE OF THE FOLLOWING  U.S. PATENTS: 2,577,828; 2,677,762; 2,862,893; 2,984,241;  3,413,913; 3,289,479; 3,562,484; 3,621,676; 3,836,399; 3,276,948  OTHER PATENTS PENDING. FOREIGN PATENT NUMBERS ON  REQUEST. TETRONIX INC. BEAVERTON, OREGON. MADE IN U.S.A.</small></p> </div>	.002 Silver Mylar Matte Polyester, Laminated to .001 Matte Mylar, PSA	Black/	2.850 x 1.562	7157-2	334-2118-00		.364	CR
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p><b>180-250V DC-AC 48-62Hz 8W</b>  <input checked="" type="checkbox"/> <b>DOUBLE INSULATED</b>  <b>SAFETY EARTH NOT REQUIRED.</b>  <b>CAUTION</b>  <b>HIGH VOLTAGE CONTAINED INSIDE</b>  <b>REFER SERVICE TO QUALIFIED</b>  <b>PERSONNEL</b></p> <p><small>THIS INSTRUMENT MEET UNDER ONE OR MORE OF THE FOLLOWING  U.S. PATENTS: 2,577,828; 2,677,762; 2,862,893; 2,984,241;  3,413,913; 3,289,479; 3,562,484; 3,621,676; 3,836,399; 3,276,948  OTHER PATENTS PENDING. FOREIGN PATENT NUMBERS ON  REQUEST. TETRONIX INC. BEAVERTON OREGON. MADE IN U.S.A.</small></p> </div>	.002 Silver Polyester w/Matte Mylar Finish, PSA	Black/	2.850 x 1.562	7656-1	334-2118-01		.653	CR
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p><b>CAUTION</b>  <b>TO CHANGE LINE VOLTAGE</b>  <b>REFER TO MANUAL</b></p> <p>PRIMARY TAPS <input type="checkbox"/> AC  SET FOR <input type="checkbox"/> VOLTS</p> <p><b>CAUTION</b>  <b>TO CHANGE LINE VOLTAGE</b>  <b>REFER TO MANUAL</b></p> <p>PRIMARY TAPS SET FOR  120 VOLTS AC</p> </div>	.003 Matte Aluminum, PSA	Black/	1.880 x .810	N/A N/A	334-2154-00 334-2154-01	N N	.193 .170	CR CR

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INSTRUCTION AND IDENTIFICATION PLATE

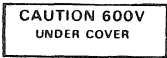


**CAUTION (cont)**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
CAUTION EXCESSIVE INTENSITY MAY DAMAGE P7 CRT PHOSPHOR	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Black/	2.250 x .250	7117-1	334-2177-00		.319	CS
<b>CAUTION: NO OPERATOR SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALI- FIED PERSONNEL.</b>	.002 Vinyl, PSA	Yellow/Black	2.063 x .750	8278-1	334-2553-00		.118	CR
CAUTION Turn power off before inserting or removing plug-in	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	1.688 x .625	7953-1	334-2647-00		.348	CS
CAUTION REMOVE BATTERIES BEFORE SHIPMENT OR INACTIVE STORAGE OF 30 DAYS OR MORE	.002 Mylar, PSA	White/	1.310 x .812	7982-2	334-2665-00		.270	CR
CAUTION: Turn the power module off before inserting the plug-in. Otherwise, damage may occur to the plug-in circuits.	.050 Aluminum Sheet	Black/	3.750 x .400	8029-2	334-2709-00		1.570	CR
CAUTION Turn power off when installing or removing board	.004 Yellow Vinyl	Black/	3.000 x .500	B9378-A	334-2916-00		1.369	CR
CAUTION ADJUST WITH NON-METALIC SCREW DRIVER. ACCIDENTAL SHORTS CAN DESTROY VERTICAL OUTPUT I.C.	.002 Polyester w/Aluminum Finish, PSA	Black/	3.825 x .400	8418-2	334-2980-00		.520	CR
<b>CAUTION FOR CONTINUED FIRE HAZARD PROTECTION, REPLACE WITH SAME TYPE 250 VOLT FUSE.</b>	.002 White Mylar w/.001 Matte Mylar Laminate, PSA	Black/ Tek Silver Gray	1.600 x .600	8441-1	334-2990-00	N	.192	CR
<b>CAUTION FOR CONTINUED FIRE HAZARD PROTECTION, REPLACE WITH SAME TYPE AND RATING FUSE</b>	.002 Metalized Mylar w/.001 Matte Laminate Finish, PSA UL Recognized for use on Aluminum and Mumetal	Red/	1.600 x .650	8498-1	334-3013-00	N	.497	CR

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CAUTION (cont)

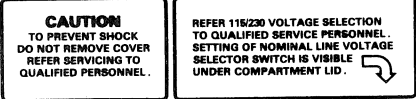

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<p><b>CAUTION</b> MOVING FAN BLADES CAN THROW TOOLS AND PROBES. PULL BLADE OFF BEFORE SERVICING INSTRUMENT</p>	.002 Polyester w/Aluminum Finish, PSA	Black/	4.500 x .400	8795-3	334-3201-00		.960	CR
	.004 Yellow Vinyl, PSA	Black/	1.500 x .450	8799-1	334-3204-00		.162	CS
	.004 Yellow Vinyl, PSA	Black/	2.200 x .750	8798-1	334-3205-00		.214	CR
	.002 Polyester w/Matte Aluminum Finish, PSA	Yellow/Black	1.500 x .625	8897-1	334-3288-00	N	.574	OT
<p><b>CAUTION</b> <b>STORED ENERGY SHOCK HAZARD.</b> <b>BEFORE SERVICING ANODE SUPPLY</b> <b>CIRCUIT OR REPLACING CRT, SHORT</b> <b>CIRCUIT ANODE LEAD TO GROUND.</b></p> <p>334-3302-00</p>	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Red/	1.000 x 2.000	8936-1	334-3302-00		1.120	CR
<p><b>CAUTION</b> MAKE CERTAIN STABILIZER LEGS ARE LOCKED IN EXTENDED POSITION BEFORE INSTALLING OR EXTENDING SLIDE MOUNTED EQUIPMENT</p>	.003 Mylar w/.001 Mylar Laminate, PSA	Black/Silver	3.970 x .770	9025-1	334-3364-00		1.090	PP
<p><b>CAUTION</b> <b>FOR CONTINUED</b> <b>FIRE PROTECTION</b> <b>REPLACE ONLY WITH</b> <b>250V, 4 AMP,</b> <b>FAST BLOW FUSE</b></p>	.002 White Mylar w/.001 Matte Acetate Laminate, PSA	Black/	.900 x .600	9074-1	334-3389-00		.468	CS

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MARKER IDENTIFICATION  
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CAUTION (cont)


Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<p><b>CAUTION</b></p> <p>FOR CONTINUED FIRE PROTECTION REPLACE ONLY WITH 250V, 1 AMP FAST BLOW FUSE</p>	.002 White Mylar w/.001 Matte Acetate Laminate, PSA	Black/	1.000 x .500	9105-1	334-3398-00		.648	CS
	.010 Lexan, PSA	Black/ Silver Gray	4.393 x 1.175	9468-1	334-3400-01		1.427	CR
<p><b>CAUTION</b></p> <p>HIGH VOLTAGE PRESENT ON DEFLECTION YOKE</p>	.002 Vinyl, PSA	Yellow/Black	3.000 x 1.000	9150-1	334-3409-00		.149	CS
<p><b>CAUTION</b></p> <p>Component subject to damage by static electricity, etc.</p>	Carpenter/Offutt Utility Grade Velva Glo Cardboard		1.750 x .500	9206-1	334-3458-00		1.347	CS
	.004 Yellow Vinyl, PSA	Black	4.000 x 2.000	9265-1	334-3475-00		1.140	CR
<p><b>CAUTION:</b> For continued fire protection, replace only with fuse of specified type and ratings.</p>	.002 Polyester w/Aluminum Finish, PSA	Black/	5.000 x .234	9356-1	334-3540-00		.144	CR
<p><b>CAUTION INFORMATION</b></p>	.002 Mylar w/.001 Transparent Coating	Black/ Tek Silver Gray	2.000 x .250	9331-2	334-3545-00		1.300	CS
<p><b>CAUTION</b></p> <p><b>ELECTRIC SHOCK HAZARD. DO NOT REMOVE THIS PANEL OR CABINET COVERS. REFER SERVICE TO QUALIFIED PERSONNEL.</b></p>	.002 Polyester w/.001 Matte, Acrylic Adhesive-back	Black/	2.750 x 1.090	9512-1	334-3672-00		.512	CR

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CAUTION (cont)

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<p><b>CAUTION</b> </p> <p>TO AVOID ELECTRIC SHOCK, DO NOT OPEN. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	.003 Mylar w/Matte Finish, PSA	Red/ Tek Silver Gray	1.750 x 1.000	9606-1	334-3748-00		.489	CR
<div style="border: 1px solid black; padding: 5px;"> <p><b>CAUTION</b></p> <p>STATIC SENSITIVE COMPONENTS. REFER TO SERVICE MANUAL</p> </div>	.004 Yellow Vinyl, PSA	Black/	1.500 x .650	8994-1	334-3879-00		.240	CR
<p><b>CAUTION</b></p> <p>HEAVY UNIT <span style="font-size: small;">lb.</span></p> <p>PEOPLE REQUIRED TO LIFT UNIT.</p>	.001 Matte Silver Polyester w/.001 Adhesive Back	Black/	2.500 x 1.000	9029-A	334-3931-00		2.650	CR
<div style="border: 1px solid black; padding: 5px;"> <p><b>CAUTION</b></p> <p>CAPACITORS CONNECTED TO DC OUTPUTS STORE ENERGY FOR SEVERAL MINUTES. DISCHARGE OUTPUT TERMINALS BEFORE SERVICING.</p> </div>	.001 Matte Silver Polyester, PSA	Black/	2.375 x .750	9030-A	334-3932-00		.950	CR
<p>CAUTION</p> <p>Insert this plug only into effectively earthed three-pin plug-socket outlet., Etc.</p>	.003 Vinyl, w/Matte Finish, PSA	Black/Yellow	8.375 x 2.625	W 9903-1	334-3995-00		.614	CR
<div style="border: 1px solid black; padding: 5px;"> <p><b>CAUTION</b></p> <p>DO NOT REMOVE THIS SHIELD WHILE LINE CORD IS CONNECTED TO POWER. AC LINE POTENTIAL AND CRT CIRCUIT HIGH VOLTAGE PRESENT UNDER THIS SHIELD.</p> </div>	.002 Yellow Mylar Laminated to .001 Matte Mylar, PSA	Black/	2.500 x 1.250	10122-2	334-4251-00		.087	CR
<p>MICROCHANNEL PLATE CRT EXCESS INTENSITY OR ETC.</p>	.002 Polyester w/Non-reflective Aluminum Finish, PSA	Black/	.875 x .550	9330-A	334-4290-00		.480	CS

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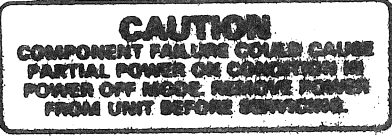

**CAUTION (cont)**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<p><b>CAUTION</b> OPERATION WITHOUT FAN MOUNTED MAY CAUSE DAMAGE TO INSTRUMENT</p>	.002 Clear Mylar w/Matte Laminate Finish PSA	White/	3.000 x 2.000	10213-1	334-4447-00		.736	CR
<p><b>CAUTION</b> TO CHANGE INSTRUMENT MODULE OPERATOR MAY GAIN ACCESS TO MODULE COMPARTMENT UNDER TOP COVER. THERE ARE NO OPERATOR SERVICEABLE PARTS ELSEWHERE WITHIN THE INSTRUMENT. REFER SERVICING TO QUALIFIED PERSONNEL.</p>	.010 Lexan, PSA	Black/	2.250 x .900	DAD 1039-A	334-4697-00		.294	CR
<p><b>CAUTION</b> <b>STATIC SENSITIVE</b></p>	.010 Textured Lexan, PSA	Black/ Ivory Gray	1.825 x .350	1038-A	334-4705-00		.802	CR
<p><b>CAUTION</b> FOR ACCESS BY QUALIFIED SERVICE TECHNICIAN ONLY</p>	Scotchcal 8012 Transparent w/.001 Matte Surface Overlay	Black	1.450 x .450	DAD 1113-A	334-4918-00		1.630	CR
<p><b>CAUTION</b> LINE VOLTAGE AVAILABLE ON CONNECTOR AND E.C. BOARDS. TURN POWER OFF BEFORE SERVICING</p>	.002 Silver Polyester, PSA	Black/	1.600 x .800	DAD 1115-A	334-4920-00		2.630	OT
<p><b>CAUTION</b> HIGH CURRENTS AVAILABLE INSIDE. FOR SERVICE ACCESS BY QUALIFIED SERVICE TECHNICIAN ONLY.</p>	.001 Silver Polyester, PSA	Black/	2.050 x .700	DAD 1116-A	334-4921-00		2.660	CR

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CAUTION (cont)

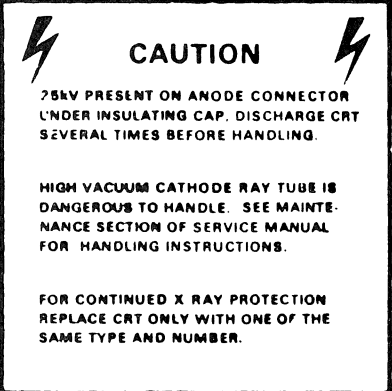

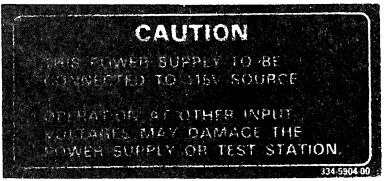
Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Black/	2.150 x .800	DAD 1117-A	334-4922-00	N	1.310	CR
	Velvet Lexan, PSA Polyester, PSA	Black/ Silver Gray	1.125 x .650	N/A	334-4931-00	N	.404	CR
<p><b>CAUTION</b></p> <p>TO AVOID INSTRUMENT DAMAGE, BOTH VOLTAGE SELECTION SWITCHES MUST BE SET TO REQUIRED VOLTAGE.</p>	60 Lb. White Litho Paper w/.002 Removable Adhesive	Red/	1.500 x 1.000	WIL-631-1	334-5204-00		.146	CR
<p><b>CAUTION</b></p> <p>FOR CONTINUED FIRE PROTECTION, REPLACE ONLY WITH SPECIFIED FUSE:</p> <p>74A/250V (SLOW)</p> <p><b>DANGER</b></p> <p>TRANSFORMER CORES PRESENT RISK OF ELECTRIC SHOCK. TEST BEFORE TOUCHING.</p> <p>SOME PARTS OF THIS BOARD ARE AT LINE POTENTIAL. ∞</p>	.002 White Mylar, PSA	Red/	3.000 x 1.000	WIL-635-1	334-5212-00		.184	CR
<p><b>CAUTION</b>: DISCONNECT POWER BEFORE REPLACING FUSE. REPLACE ONLY WITH FUSE OF SPECIFIED RATING.</p> <p>LINE VOLTAGE _____ VRMS _____ WATTS _____ AMPS</p>	.004 Silver Polyester, Adhesive-backed	Black/	3.000 x 1.000	DAD 1411-A	334-5339-00		.403	PP
<p><b>CAUTION</b></p> <p>Hazardous voltages under this cover</p>	.004 Vinyl Yellow, PSA	Black/	2.000 x 1.000	WIL-738-2	334-5435-00		.648	CR

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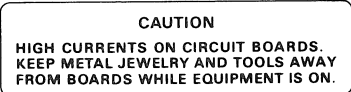
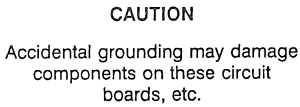
CAUTION (cont)

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	.004 Vinyl Yellow, PSA	Black/	2.500 x 2.500	WIL-739-1	334-5436-00		.422	CR
	.005 Clear Lexan Velvet w/.002 Adhesive	Black/Yellow	3.000 x 1.000	DAD 1427-A	334-5551-00		1.770	CR
	Velvet Lexan, PSA	Yellow/Black	3.250 x 1.500	N/A	334-5904-00		1.020	CR
<p><b>CAUTION</b></p> <p>DISCONNECT POWER CORD BEFORE REMOVING GROUND.</p> <p>334-5906-00</p>	Velvet Lexan, PSA	Black/Yellow	1.750 x .625	N/A	334-5906-00		1.690	CR
<p><b>CAUTION</b></p> <p>19.5 kV PRESENT ON ANODE CONNECTOR UNDER INSULATING CAP. DISCHARGE CRT SEVERAL TIMES BEFORE HANDLING.</p> <p>HIGH VACUUM CATHODE RAY TUBE IS DANGEROUS TO HANDLE. SEE MAINTENANCE SECTION OF SERVICE MANUAL FOR HANDLING INSTRUCTIONS.</p> <p>FOR CONTINUED X-RAY PROTECTION REPLACE CRT ONLY WITH ONE OF THE SAME TYPE AND NUMBER.</p>	.004 Yellow Vinyl, PSA	Black/	2.500 x 2.500	WIL-879-1	334-5999-00		.802	CR

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CAUTION (cont)


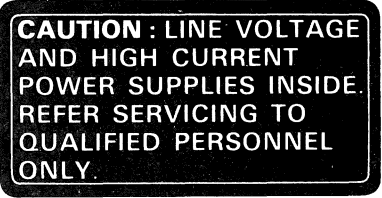

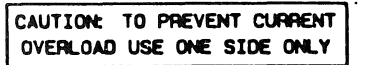
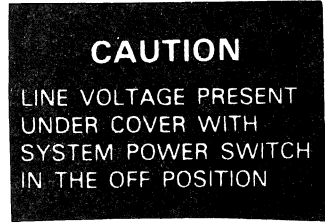
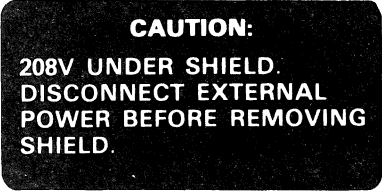
Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	.010 Velvet Clear Lexan, Adhesive-backed	Silver Gray/ TV Gray	1.450 x .400	DAG 1497 A	334-6032-00		1.690	CR
	.010 Velvet Clear Lexan, Adhesive-backed	Ivory Gray/ Black	1.400 x .800	DAG 1498-A	334-6033-00		1.710	CR
	.003 White Vinyl w/Adhesive Mylar Laminate	Black/	1.200 x .650	ID 1490-A	334-6042-00	N	.220	CR
	.010 Lexan, Adh-backed	Black/	1.500 x .700	DAG 1538-A	334-6260-00		.225	CR
	.004 Yellow Vinyl, Matte Finish w/ .002 Adhesive Back	Black/	2.500 x .750	ISI 0107-B	334-6439-00		.191	CR
	.004 Yellow Vinyl, PSA	Black/	3.250 x 1.000	MDP 0030-A	334-6506-00		1.050	CR
	.002 Yellow Vinyl, w/Matte Mylar Laminate, PSA	Black/	4.500 x .650	ID 1693-A	334-6858-00		.480	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

CAUTION (cont)


Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	.010 Velvet Clear Lexan, PSA	Ivory Gray/ Black	3.000 x .800	N/A	334-6873-00		3.580	PP
	.010 Velvet Clear Lexan, PSA	Ivory Gray/ Black	3.000 x 1.500	N/A	334-6889-00		2.000	PP
	.002 White Mylar w/ Acrylic Adhesive	Black & Red/	3.000 x .475	CNA-0085-BO	334-6892-00			PP
	White Paper w/Clear Plastic Overlay, Adhesive-backed	Black/	3.000 x .550	N/A	334-6937-00			EN
	.010 Velvet Clear Lexan, PSA	Black/ Ivory Gray	1.600 x 1.200	N/A	334-7034-00		5.550	PP
	.010 Velvet Clear Lexan, PSA	Black/ Ivory Gray	3.000 x 1.500	N/A	334-7057-00		5.780	PP

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE**

**WARNING**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>WARNING</b></p> <p align="center">HIGH VACUUM CATHODE RAY TUBE IS DANGEROUS TO HANDLE. SEE MAINTENANCE SECTION OF INSTRUCTION MANUAL FOR HANDLING, STORAGE, AND REPLACEMENT INSTRUCTIONS.</p> </div>	Clear Mylar w/Mylar Laminate, PSA	Red/White	1.665 x .755	5239	334-1379-00		.049	CR
<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>WARNING</b></p> <p align="center">INPUT POTENTIALS ARE CONNECTED TO COMPONENTS. SHIELDS ARE CONNECTED TO INPUT LOW. USE INSULATED TOOLS WHEN CALIBRATING.</p> </div>	.002 Polyester, PSA w/Aluminum Matte Finish, Adhesive-backed	Red/	2.125 x .563	ID 1052-A	334-1870-00		.680	CR
<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>WARNING</b></p> <p align="center">CRT ANODE VOLTAGE &gt;7KV. DISCHARGE CRT ANODE LEAD TO CHASSIS WHEN DISCONNECTING.</p> </div>	Clear Mylar w/Mylar Laminate, PSA	Red/White	2.000 x .700	8934-1	334-1951-01		.089	CR
<p align="center">WARNING</p> <p align="center">TRANSISTOR LEADS MAY BE AT DANGEROUS POTENTIALS</p>	.002 Polyester Sheet w/Matte Aluminum Finish, PSA	Black/	1.250 x 1.000	6267	334-2037-00		.057	CR
<p align="center"><b>WARNING</b></p> <p align="center">DO NOT SHIP THIS INSTRUMENT WITHOUT THIS SUPPORT. REMOVE BEFORE OPERATING INSTRUMENT.</p>	.002 Polyester w/Matte Aluminum Finish, PSA	Black/	4.000 x 2.000	8016-2	334-2683-00		2.700	CR
<p align="center"><b>WARNING</b></p> <p align="center">REMOVE TOP COVER AND DISCARD FOAM SHIPPING PAD BEFORE OPERATING INSTRUMENT.</p> 	Buff Colored 100 Lb. Tag Board	Red/	3.250 x 1.625	8789-1	334-3191-00		.650	CR
<p align="center"><b>WARNING</b></p> <p align="center">220V UNDER THIS SHIELD</p>	.010 Velvet Clear Lexan, Adhesive-backed	Red/	1.500 x 1.000	9132-1	334-3456-00		.411	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

**WARNING (cont)**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<p><b>X-RADIATION WARNING</b></p> <p>OPERATION WITH DEFECTIVE OR INCORRECTLY REPLACED PARTS OR AFTER IMPROPER SERVICING MAY PRODUCE HAZARDOUS X-RADIATION. SEE INSTRUCTION MANUAL.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>SPECIFIED CRT ANODE VOLTAGE 15 kV</p> </div> <p>PN 334-3460-00</p>	.002 Metalized Mylar w/Matte Laminate, PSA	Black/	2.380 x 2.000	9230-1	334-3460-00		.105	CR
<p>X-RADIATION WARNING</p> <p>OPERATION WITH DEFECTIVE OR INCORRECTLY REPLACED PARTS OR AFTER IMPROPER SERVICING MAY PRODUCE HAZARDOUS X-RADIATION. SEE INSTRUCTION MANUAL.</p> <p>SPECIFIED CRT ANODE VOLTAGE 19.5 kV</p>	.002 Metalized Mylar, PSA	Black/	2.380 x 2.000	CM 4182	334-3460-01		.579	CR
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 10px auto;"> <p><b>WARNING</b></p> <p>PRIMARY POWER 220V 50Hz 1 Ø</p> <p><b>DISCONNECT</b></p> <p>POWER CORD BEFORE REMOVING THIS PANEL</p> </div>	.002 Polyester w/Matte Aluminum Finish, PSA	Red/	1.500 x 2.000	8640-A	334-3496-00		.413	CS
<p><b>WARNING</b></p> <p>THIS COVER MUST BE REMOVED BEFORE OPERATING INSTRUMENT TO PROVIDED ADEQUATE COOLING OF INSTRUMENT.</p>	.002 Mylar w/.001 Transparent Coating	Black/ Tek Silver Gray	2.400 x 1.000	B-9739 1	334-3856-00		.711	CS

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.



**WARNING (cont)**


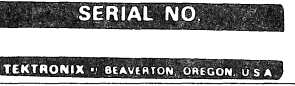

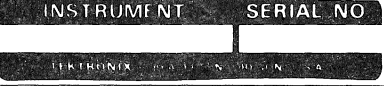


Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<p><b>Tektronix</b></p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p><b>WARNING</b> DO NOT CONNECT OR DISCONNECT WHEN INSTRUMENT POWER IS ON.</p> </div>	.010 Satin Clear Lexan, Adhesive-backed	Black/	3.250 x 1.500	MDP-0023-B	334-6273-00		1.530	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

MISCELLANEOUS

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
4A, 250V FAST	.002 White Mylar, PSA	Black/ Ivory Gray	.625 x .312	1190-A	334-0556-00		2.670	OT
Blank	Clear Vinyl, Write-in Area, PSA	Blank/	3.438 x 1.500	N/A	334-1276-00		.352	CR
Blank Label	.003 Chrome, Mylar Coating, w/Vinyl Matte Coating, PSA	Blank/	3.848 x .289	N/A	334-1377-00		.195	CR
Identification No.	.002 Blue Mylar, Pin Feed, PSA	Black/ Silver Gray	1.500 x .437	N/A	334-1377-02		.540	CR
	.002 Mylar w/Typeable Matte Coating, PSA UL Recognized & CSA Certified	Aluminum/ Tek Blue	1.500 x .437	9401-1	334-1377-04		.061	CR
	.002 Mylar w/Typeable Vinyl Coating	Aluminum/ Tek Blue	1.500 x .437	5047	334-1378-00		.195	CR
Serial No.	.002 Blue Mylar, Pin Feed, Typeable Matte Coating, PSA	Aluminum/	1.500 x .437	N/A	334-1378-01		.280	CR
Serial No.	.002 Mylar, Pin Feed, w/Typeable Matte Coating, PSA	Aluminum/ Gray	1.500 x .437	N/A	334-1378-05		.364	CR
	.002 Mylar w/Typeable Matte Coating, PSA UL Recognized & CSA Certified	Aluminum/ Tek Blue	1.500 x .437	9381-1	334-1378-06		.033	CR
	.002 Mylar w/Typeable Vinyl Coating, PSA	Aluminum/ Tek Blue	2.000 x .437	5229	334-1571-00		6.540	CR
	.003 Aluminum Melamine Coating, PSA	Black/	1.250 x .312	6086	334-1904-00		.080	CS
Internally Set for 120V	Non-reflective Aluminum, PSA	Aluminum/ Black	1.240 x .340	6849 A	334-2193-01		.021	CR
	Clear Mylar w/Mylar Laminate, PSA	Red/White	.470 x .250	7314-1	334-2235-00		.200	CR
7KV	Clear Mylar w/Mylar Laminate, PSA	Red/White	.470 x .250	7312-1	334-2236-00		.076	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MISCELLANEOUS (cont)





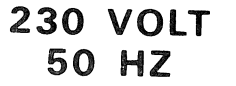



Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<b>12KV</b>	Clear Mylar w/Mylar Laminate, PSA	Red/White	.470 x .250	7313-1	334-2237-00		.131	CR
<b>HIGH POWER COMPARTMENT</b>	.001 Matte, Silver Polyester PSA	Black/	1.800 x .800	764013	334-2380-00		.290	CR
<b>INTERNALLY SET FOR 115V</b>	.003 Matte Chrome Mylar PSA CSA Certified	Black/White	1.240 x .340	8582-A	334-2558-01		.123	CR
<b>PROPERTY OF</b>	.003 Silver Vinyl w/Matte Acetate Laminate, PSA	Black/	2.980 x .280	8001-2	334-2659-00		.278	CR
<b>TEKTRONIX</b> WARRANTY IS LIMITED TO THE ORIGINAL PURCHASER IN ACCORDANCE WITH THE ORIGINAL PURCHASE AGREEMENT Mfd. BY TEKTRONIX, INC. BEAVERTON, OREGON U.S.A. SERIAL NO. _____	.003 Aluminum, w/Matte Finish, PSA		3.000 x 1.500	8282-1	334-2865-00		.138	OT
<b>Tektronix</b> WARRANTY IS LIMITED TO THE ORIGINAL PURCHASER IN ACCORDANCE WITH THE ORIGINAL PURCHASE AGREEMENT. Mfd. by TEKTRONIX, INC. BEAVERTON, OREGON U.S.A. SERIAL NO. _____	.003 Aluminum w/Matte Finish, PSA CSA Approved Material	Not Specified	2.250 x 1.250	9431-1	334-2865-01		.720	OT
Peel-off for use - Numbers 0 - 49, PSA	Orange Card Stock	Black/White 0 - 49 Nos.	9.000 x 2.000	N/A	334-2880-00		.386	CR
Peel-off for use - Numbers 50 - 99, PSA	Green Card Stock	Black/White 50 - 99 Nos.	9.000 x 2.000	N/A	334-2881-00		.365	CR
"THIS INSTRUMENT, IN WHOLE OR IN PART, MAY BE PROTECTED BY ONE OR MORE U.S. OR FOREIGN PATENTS OR PATENT APPLI- CATIONS. INFORMATION PROVIDED ON RE- QUEST BY TEKTRONIX, INC., P.O. BOX 500, BEAVERTON, OREGON 97077."	.002 Mylar w/Adhesive Metalized Mylar	Black/Tek Blue	1.640 x .500	8791-1	334-3193-00		.582	CR
<b>NOT FOR CONNECTION TO EXTERNAL LOADS.</b>	.004 Polyester, PSA	Black/Yellow	2.300 x .500	8841-1	334-3256-00		.278	CS

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

MISCELLANEOUS (cont)




Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	.002 Mylar w/Typeable Vinyl Coating, PSA	Aluminum/ Tek Blue	1.200 x .400	9031-1	334-3343-00		.109	CR
	.002 Metalized Mylar w/Typeable Matte Finish, PSA UL & CSA	/Tek Blue	2.000 x .438	9093-1	334-3388-00		.445	CR
	.002 Mylar w/.001 Laminate, PSA	White/Black	1.250 x .250	9191-1	334-3438-00		.064	CR
	.002 Polyester Film w/.001 Polyester Laminate, PSA	Black/ White Legend	1.000 x .500	9208-1	334-3448-00		.051	CR
	.002 Metalized Silver Mylar w/.001 Matte Laminate, PSA	Red/	1.250 x .500	N/A	334-3487-00		.769	CR
	.002 Metalized Mylar w/.001 Matte Acetate Laminate, PSA	Aluminum/ Tek Blue	1.500 x .437	8642-A	334-3503-00		2.540	CR
Line voltage set for (blank)	.002 Metalized Mylar w/.001 Typeable Coating Matte Finish, PSA	Black/	2.300 x .200	9535-1	334-3688-00		.165	CR
	7941 Silver Mylar w/.001 Matte Laminate, PSA	Black/	.680 x .480	9566-1	334-3711-00		.206	CS
Serial Number/Firmware Level	.002 Silver Polyester w/Typeable Clear Matte Laminate Finish, PSA UL & CSA	Tek Blue/	2.000 x .700	W9590-1	334-3739-00		.093	CR
	.003 White Vinyl w/Adhesive Mylar Laminate	Black/	2.100 x .800	8916-A	334-3788-00		.158	CR
Copyright © Tektronix, Inc., All rights reserved. Made in USA.	.0015 White Polyester w/Acetate Laminate, PSA	Black/	5.330 x .430	9688-1	334-3803-00		.129	CR
Part Number	.002 Mylar w/Typeable Vinyl Coating, PSA	Silver/Tek Blue	1.125 x .500	9113-A	334-4016-00		.080	CR
FACTORY SET TEKTRONIX, INC	.003 Vinyl, PSA	Black/	.550 x .312	9131-A	334-4050-00		.292	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE**

**MISCELLANEOUS (cont)**

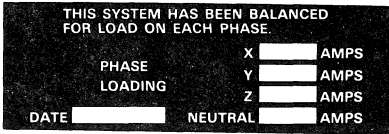
Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
Copyright © Tektronix, Inc. Made in USA All Rights Reserved  This material may not be copied, etc.	.002 Polyester Sheet w/.002 Clear Matte Acetate Laminate, PSA	Black/	5.330 x .500	WIL-271-2	334-4226-00		.081	CR
<small>"THIS EQUIPMENT COMPLIES WITH THE RE- QUIREMENTS IN PART 15 OF FCC RULES FOR A CLASS A COMPUTING DEVICE. OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA MAY CAUSE UNACCEPTABLE INTERFERENCE TO RADIO AND TV RECEPTION REQUIRING THE OPERATOR TO TAKE WHATEVER STEPS ARE NECESSARY TO CORRECT THE INTER- FERENCE." 00</small>	.002 Matte Silver Vinyl w/.001 Matte Clear Finish, PSA	Black/	2.000 x 1.000	WIL-273-1	334-4261-00		.280	CR
	.002 White Mylar w/.001 Matte Acetate Front, PSA	Black/ Ivory Gray	.500 x .406	10221-1	334-4452-00		.804	CS
	.002 White Mylar w/.001 Matte Acetate Finish, PSA	Black/ Ivory Gray	.500 x .406	10218-1	334-4453-00		.804	CS
	.002 White Mylar w/.001 Matte Acetate Finish, PSA	Black/ Ivory Gray	.500 x .406	10217-1	334-4454-00		.805	CS
Blank Label	.002 Polyester w/Clear Matte Acetate Laminate, Printer Feedable	Blank/	5.330 x 1.155	WIL-420-2	334-4562-00		.432	CR
Blank Label	.002 White Polyfluoride w/Typeable Matte Finish, PSA	Blank	1.200 x .333	N/A	334-4565-00		.030	CR
Blank Label	.002 White Polyfluoride w/Typeable Matte Finish, PSA	Blank/	1.200 x .470	WIL-430-1	334-4645-00		.026	CR
<i>RUSH</i> <i>YSND</i>	.010 Clear Polycarbonate, PSA	5Y/21/ Tek Silver Gray	.625 Dia	1004	334-4661-00		.327	CR
<small>THIS INSTRUMENT, IN WHOLE OR IN PART MAY BE PROTECTED BY ONE OR MORE U.S. OR FOREIGN PATENTS OR PATENT APPLICATIONS. INFORMATION PROVIDED ON REQUEST BY TEKTRONIX, INC. P.O. BOX 500 BEAVERTON, OREGON. 97077 U.S.A.</small>	.010 Lexan, PSA	Black/ Silver Gray	2.250 x .500	DAD 1041-B	334-4699-00		.305	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

MISCELLANEOUS (cont)






Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
<b>0.125A, 250V FAST</b>	.002 White Mylar w/.001 Matte Acetate Front, PSA	Black/ Ivory Gray	.625 x .312	1054-A	334-4719-00		.830	OT
<b>POWER OFF (20 A BREAKER)</b>	.007 Clear Lexan, Adhesive-backed	Black/	2.375 x .450	DAD 1114 A	334-4919-00		2.260	CR
<b>220/240V ~ 50/60Hz 2A</b>	.002 Polyester w/Aluminum Matte Finish, PSA	Black/	2.875 x .343	WIL-554-1	334-4932-00		.280	CS
Blank Label	#60 Litho Typeable Paper, PSA	Blank	1.125 x .200	N/A	334-5021-00		.066	CR
<b>↑ 5A FAST</b>	.002 Polyester w/Matte Aluminum Finish, PSA	Black	.400 x .400	DAD 1163-A	334-5111-00		.314	CR
<b>↑ 15A FAST</b>	.002 Polyester w/Matte Aluminum Finish, PSA	Black/	.400 x .400	DAD 1164-A	334-5112-00		.314	CR
<b>↑ 25A FAST</b>	.002 Polyester w/Matte Aluminum Finish, PSA	Black/	.400 x .400	DAD 1165-A	334-5113-00		.314	CR
<b>+5V</b>	Silver Mylar, PSA	Black/	.400 x .400	N/A	334-5170-00		.290	CR
<b>8A, 250V SLOW</b>	.002 Polyester w/Non-reflective Aluminum Finish, PSA	Black/	1.250 x .500	DAD 1199-A	334-5181-00		1.250	CS
A - E peel-off alphabet letters	White, Card Strip, PSA	Black/	9.000 x 1.500	N/A	334-5246-00		.850	CR
	.003 Polyester, Adhesive-backed	White/Black	3.000 x 1.000	DAD 1410-C	334-5340-00		.382	CR
<b>N</b>	White, PSA	Black/	.650 x .500	N/A	334-5526-00		.016	CR
<b>X-PHASE Y-PHASE Z-PHASE X-PHASE Y-PHASE Z-PHASE X-PHASE Y-PHASE Z-PHASE</b>	.001 Matte Silver Polyester, Adh-backed	Black/	3.000 x .750	DAD 1437-A	334-5649-00		.436	CR

<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**MARKER IDENTIFICATION  
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## MISCELLANEOUS (cont)

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing No. <sup>a</sup>	Part No.	Codes <sup>b</sup>		
						ND	Cost	ST
	Clear Velvet Lexan, PSA	Silver/Black	.650 x .500	N/A	334-5832-00		7.240	CR
	Clear Velvet Lexan, PSA	Silver/Black	2.850 x .600	N/A	334-5886-00		3.340	CR
	Silver Mylar, PSA	Black/	1.500 x .500	N/A	334-5982-00		1.310	CR
<b>LINE VOLTAGE 115V RMS .25 AMPS MAX 50 / 60Hz</b>	.001 Silver Polyester, PSA	Black/	1.500 x .350	DAG 1496-A	334-6031-00		1.310	CR
<b>FUSE 0.5A SLOW 250 V</b>	.001 Matte Silver Polyester, Adhesive-backed	Black/	1.250 x .500	DAG 1499-A	334-6034-00		.363	CR
	.001 Matte Silver Polyester, Adhesive-backed	Black/	.600 x .500	DAG 1500-A	334-6035-00		1.310	CR
<b>1.0A SLOW 250 V</b>	.001 Matte Silver Polyester, Adhesive-backed	Black/	.600 x .600	DAG 1501-A	334-6036-00		1.310	CR
THIS UNIT REQUIRES INSTALLATION BY TEKTRONIX SERVICE REPRESENTATIVE, Etc.	White Vinyl, Fasson	Black & Red/	18.500 x 7.500	WIL-975-2	334-6396-00		2.870	CR
Product complies as of date of manufacture with applicable Ohms Federal Laser Standards under the Radiation Control for Health and Safety Act of 1968. Etc.	.001 Matte Silver Polyester w/.001 Clear Matte Polyester Overlaminated, PSA	Black/	1.650 x 1.320	CNA 0060-BO	334-6660-00		4.120	CR
	Clear Velvet Lexan, PSA	Black/TV Gray	.750 x .750	N/A	334-7146-00		4.400	PP

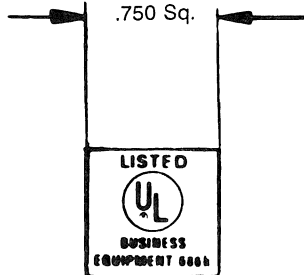
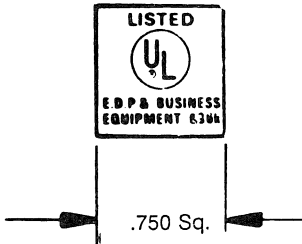
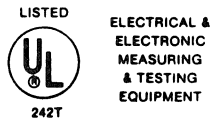
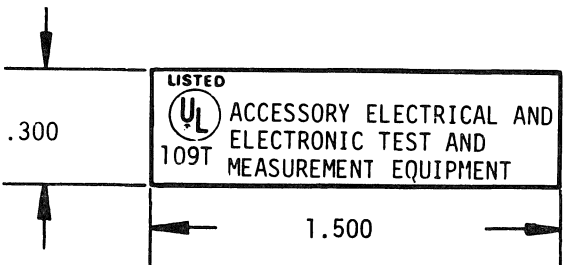
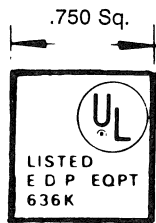
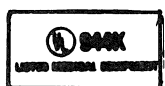


<sup>a</sup> The drawing number is listed for reference only.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

**MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE**

**SAFETY**

**UNDERWRITERS LABORATORIES (UL) CERTIFICATION**

 <p>334-2739-00 COST:<sup>a</sup> .930 ST:<sup>a</sup> OT .002 Polyester Film Black Printing Drawing Number:<sup>b</sup> 8062-2</p>	 <p>334-2909-00 COST:<sup>a</sup> .178 ST:<sup>a</sup> CR .004 Polyester Film, Adhesive-backed w/Metalized Mylar Matte Background Black Printing Drawing Number:<sup>b</sup> 8320-1</p>	 <p>334-3075-00 COST:<sup>a</sup> .081 ST:<sup>a</sup> CR .001 Silver Polyester, Adhesive-backed Black Printing Drawing Number:<sup>b</sup> 8647-1</p>
 <p>334-3203-00 COST:<sup>a</sup> .020 ST:<sup>a</sup> CR Black Printing</p>		 <p>334-3218-00 COST:<sup>a</sup> .750 ST:<sup>a</sup> CS .002 Metalized Mylar Black Printing Drawing Number:<sup>b</sup> 8816-1</p>
 <p>334-3551-00 COST:<sup>a</sup> .302 ST:<sup>a</sup> CR .002 Metalized Mylar, PSA w/.001 Matte Laminate Finish Black Printing For Use on Aluminum &amp; Mumetal Drawing Number:<sup>b</sup> 9332-1</p>	 <p>334-3751-00 COST:<sup>a</sup> .053 ST:<sup>a</sup> CR .002 Chrome Mylar, PSA Black Printing Drawing Number:<sup>b</sup> 8863-B</p>	 <p>334-4935-00 COST:<sup>a</sup> .136 ST:<sup>a</sup> CR .002 Matte Silver Black Printing Drawing Number:<sup>b</sup> DAD 1130 A</p>

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> The drawing number is listed for reference only.

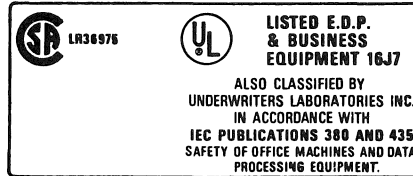


## SAFETY (cont)

### UNDERWRITERS LABORATORY/CANADIAN STANDARDS ASSOCIATION LABELS



334-4743-00 COST:<sup>a</sup> .445 ST:<sup>a</sup> CR  
.002 Matte Silver Vinyl  
w/.001 Matte Clear Polyester Laminate, PSA  
Black Printing  
1.000 x .400  
Drawing Number:<sup>b</sup> WIL-456-1



334-5299-00 COST:<sup>a</sup> 1.090 ST:<sup>a</sup> CR  
.003 Silver Mylar, PSA  
Black Printing  
4.800 x 2.000  
Drawing Number:<sup>b</sup> WIL-726-1



ELECTRICAL &  
ELECTRONIC  
MEASURING  
& TESTING  
EQUIPMENT

FOR LABORATORY  
USE BY QUALIFIED  
PERSONNEL

CERTIFIED



POUR EMPLOI PAR  
LE PERSONNEL DE  
LABORATOIRE

TEKTRONIX INC. ELECTRONIC INSTRUMENT

THIS INSTRUMENT, MAY BE PROTECTED  
BY ONE OR MORE U.S. OR FOREIGN  
PATENTS OR PATENT APPLICATIONS.  
INFORMATION PROVIDED ON REQUEST.

334-6117-00 COST:<sup>a</sup> .449 ST:<sup>a</sup> CR  
.002 White Mylar  
w/.001 Matte Mylar Laminate, PSA  
Black/Tek Silver Gray  
4.420 x .545  
Drawing Number:<sup>b</sup> 8688-4

<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> The drawing number is listed for reference only.

## SAFETY (cont)






### CANADIAN STANDARDS ASSOCIATION CERTIFICATION

<div data-bbox="370 531 501 661" data-label="Image"> </div> <p data-bbox="272 762 613 892">           334-2939-00 COST:<sup>a</sup> .283 ST:<sup>a</sup> CR            .004 Polyester Film w/Adhesive Back            (EDP Equipment)            Black Printing            .750 Square            Drawing Number:<sup>b</sup> 8335-1         </p>	<div data-bbox="1052 487 1198 634" data-label="Image"> </div> <p data-bbox="938 762 1279 892">           334-3143-00 COST:<sup>a</sup> .135 ST:<sup>a</sup> CR            .002 Metalized Mylar            w/.001 Matte Laminate, PSA            Black Printing            .750 Square            Drawing Number:<sup>b</sup> 8735-1         </p>
<div data-bbox="151 1075 362 1222" data-label="Image"> </div> <div data-bbox="375 1087 717 1213" data-label="Text"> <p>Compliance with Canadian electrical code. Product not examined by CSA for other attributes. Produit conforme aux exigences du code Canadien de l'électricité. L'Acnor dégage sa responsabilité sous tout autre rapport.</p> </div> <p data-bbox="272 1354 613 1484">           334-4685-00 COST:<sup>a</sup> 1.042 ST:<sup>a</sup> CR            .002 Metalized Mylar            w/.001 Matte Mylar Laminate, PSA            Black Printing            3.062 x .828            Drawing Number:<sup>b</sup> CD 1005-1         </p>	<div data-bbox="1036 1075 1174 1222" data-label="Image"> </div> <p data-bbox="938 1354 1279 1484">           334-5954-00 COST:<sup>a</sup> .080 ST:<sup>a</sup> CR            .002 Metalized Mylar            w/.001 Matte Mylar Laminate, PSA            Black Printing            .750 Square            Drawing Number:<sup>b</sup> ID 1462-B         </p>





<sup>a</sup> The nominal price (at time of printing) is listed as COST. For Status Codes, see tab marked CODES in the back of this catalog.

<sup>b</sup> The drawing number is listed for reference only.

**SAFETY (cont)**  
**MISCELLANEOUS**

 <p>334-4048-00 COST:<sup>a</sup> .066 ST:<sup>a</sup> CR .010 Polycarbonate Film, Adhesive-backed (Factory Mutual) Black Printing .600 Square Drawing Number:<sup>b</sup> 10038-1</p>	 <p>334-4445-00 COST:<sup>a</sup> .369 ST:<sup>a</sup> CR .002 Metalized Mylar w/.001 Matte Laminate, PSA Black Printing .750 Square Drawing Number:<sup>b</sup> 10197-1</p>
 <p>334-4446-00 COST:<sup>a</sup> .206 ST:<sup>a</sup> CR .002 Metalized Mylar w/.001 Matte Laminate Finish, PSA Verband Deutscher Elektrotechniker (Association of German Electrical Engineers) Black Printing .750 Square Drawing Number:<sup>b</sup> 10196-1</p>	  <p>Die in diesem Gerät entstehende Röntgenstrahlung ist ausreichend abgeschirmt. Beschleunigungsspannung maximal 1 kV Maximum acceleration voltage X-ray emission generated within this instrument has been sufficiently shielded.</p> <p>334-5257-00 COST:<sup>a</sup> .029 ST:<sup>a</sup> CR .003 Clear Mylar, Adhesive-backed Black/Yellow 1.250 Diameter Drawing Number:<sup>b</sup> DAD 1483-A</p> <p>334-5258-00 COST:<sup>a</sup> .074 ST:<sup>a</sup> CR .003 Clear Mylar, Adhesive-backed Black &amp; Red/ Ivory Gray 2.250 x .750 Drawing Number:<sup>b</sup> DAD 1482A</p> <p>These West German X-Radiation Labels are for products using CRT's. For more information contact Orvin Olson, Product Safety, 627-1810.</p>

**PROTECTIVE GROUNDING SYMBOLS**

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Drawing Number <sup>b</sup>	Part No.	Codes <sup>a</sup>	
						Cost	ST
	.002 Mylar w/Matte Laminate	Black/ White Highlight	.281 Dia	9100-1	334-3379-00	.320	CR
	.002 Mylar w/Matte Laminate	Black/	.375 Dia	9099-1	334-3379-01	.060	CR
	.002 Mylar w/Matte Laminate	Black/ White Highlight	.438 Dia	9097-1	334-3379-02	.320	CR
	.002 Mylar w/Matte Laminate	Black/	.750 Dia	9098-1	334-3379-03	.097	CR

<sup>a</sup> The nominal price (at time of printing) is listed as COST or in the Cost column. For Status Codes, see tab marked CODES in the back of this catalog.

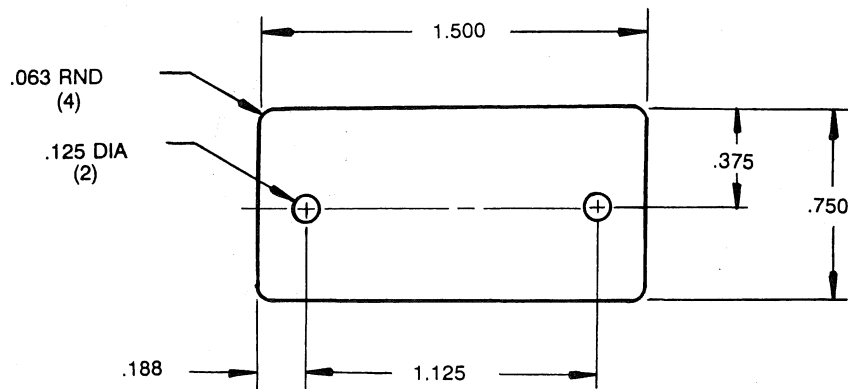
<sup>b</sup> The drawing number is listed for reference only.

MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE

INSTRUCTION PLATE<sup>a</sup>  
VOLTAGE TAG

Voltage	Range (V)	Frequency Cycles	Part Number	Codes <sup>b</sup>	
				Cost	Status
117 230	105-125 ± 10%	50-800 50-60	334-0650-00 334-0907-00	.130 .157	CS CS

Below are typical dimensions for the above part numbers.  
Material: Aluminum  
.050 Thick (251-0031-XX)  
Etched and Anodized



2 SIDED

Nomenclature		Dimensions	Material	Color	Part Number	Codes <sup>b</sup>	
Back	Front					Cost	Status
Connected for 230 V 50-60 ~	Connected for 115 V 50-60 ~	1.300 x .450	.016 Aluminum Sheet (251-0145-00) Anodize and Mark	Black	334-1067-00	3.730	CR
Connected for 230 V 50-60 ~	Connected for 115 V 50-60 ~	2.310 x .450	.050 Aluminum Sheet (251-0031-00) Anodize and Mark	Black	334-1680-00	.120	CS
Connected for 230 V 50-400 ~	Connected for 115 V 50-400 ~	1.300 x .450	.016 Aluminum Sheet (251-0145-00) Anodize and Mark	Black	334-2201-00	.991	CS

<sup>a</sup> Before selecting label, please see NOTE on page 15-1.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

**MARKER IDENTIFICATION  
INSTRUCTION AND IDENTIFICATION PLATE**

## IDENTIFICATION PLATE<sup>a</sup>

Nomenclature	Material/Description	Ink Color/ Background Color	Size	Film No.	Part No.	Codes <sup>b</sup>	
						Cost	ST
Blank	ABS, Heat Stamped	Silver Gray	.741 x .158 x .045	N/A	334-1418-00	.002	CR
Blank	ABS, Heat Stamped	Silver Gray	.741 x .158 x .025	N/A	334-1523-00	.140	CR
Blank	ABS, Heat Stamped	Silver Gray	.741 x .158 x .120	N/A	334-1524-00	.147	CR
Blank	ABS, Heat Stamped	Silver Gray	.741 x .158		334-1529-00	.081	CR
Tek Bug	.025 Aluminum, Anodize & Mark	Black/Blue	.600 x .600	9213-1	334-1555-00	3.710	OT
Tektronix	.025 Aluminum, Anodize & Mark	Black/	1.730 x .355	5886	334-1557-00	.088	CR
Tek Bug	.008 Aluminum, Anodize & Mark	Gold/ Matte Black	1.000 x 1.000	8035-1	334-2622-00	.564	CS
Tektronix	.008 Aluminum	Silver/Black	2.782 x .586	7784 B	334-2661-00	41.280	CS
Tektronix	.008 Aluminum, Anodize & Mark	Silver/Black	2.500 x .300	7994-1	334-2682-00	.117	CS
Blank Marker Band	Nylon Anodize & Mark	Silver/Black	7.375 x .100	N/A	334-3941-00	.198	CS
Power On/Off	.020 Polycarbonate, PSA	Black/ Smoke Tan	1.000 x 1.000	WIL-293-2	334-4060-01	.395	CS
Power On/Off	.007 Lexan, PSA	Black/ Ivory Gray	.760 x .500	B-9343-A	334-4183-00	.708	CR
Blank	.010 Textured Lexan, PSA	/TV Gray	.600 x .600	N/A	334-4287-00	.062	CS
Blank	.010 Textured Lexan, PSA	/Slate Gray	.600 x .600	N/A	334-4437-00	.640	CS
Blank	.010 Clear Satin Polycarbonate, PSA	/Black	.275 x 3.015	N/A	334-4409-00	.907	CS
Blank	.010 Clear Lexan, PSA	/Ivory Gray	.370 x 8.275	N/A	334-4410-00	.862	CS

<sup>a</sup> Before selecting label, please read note on Page 15-1.

<sup>b</sup> The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.





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CATALOG WRITERS: CAROLE JACK, 629-3029, DIANE ARGYLE, 629-1860 & SANDRA PHILLIPS, 629-3030



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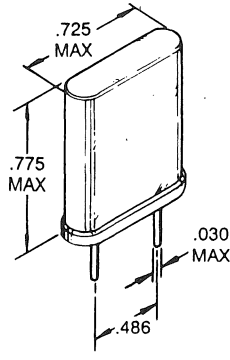
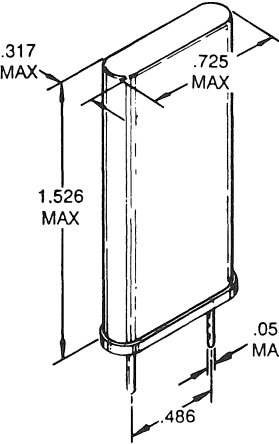
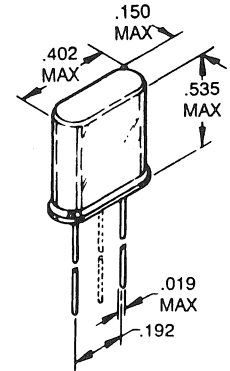
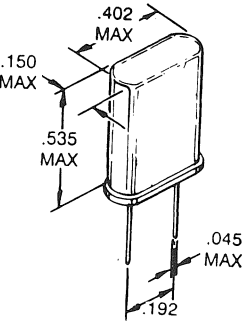
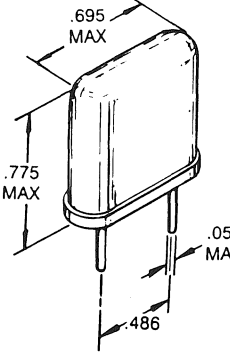
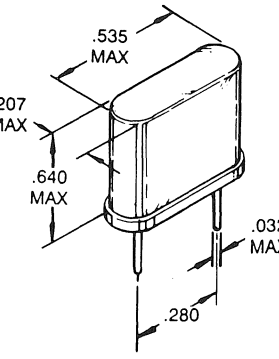
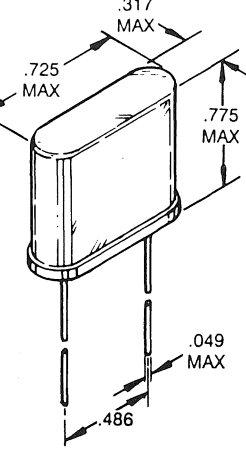
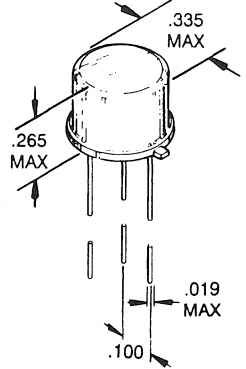
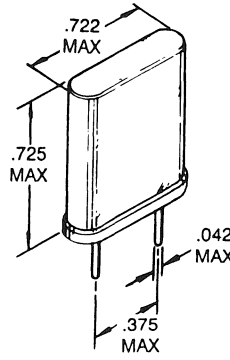
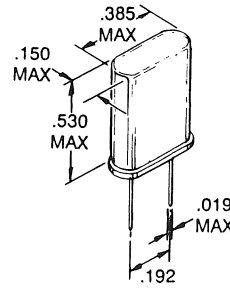
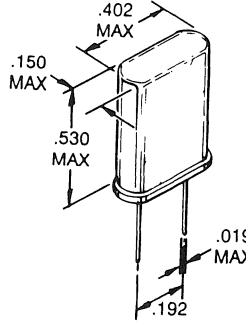
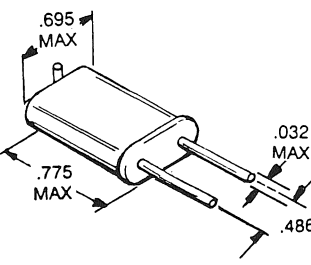
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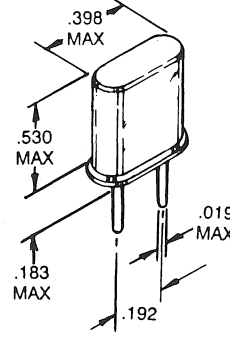
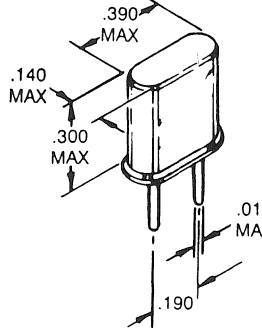
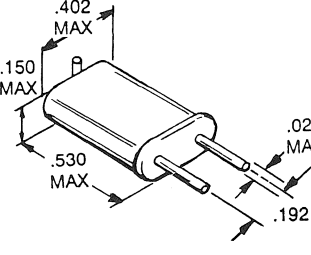
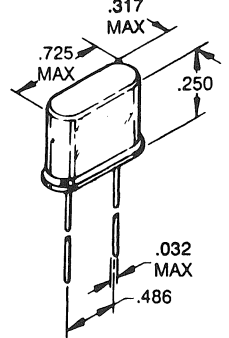
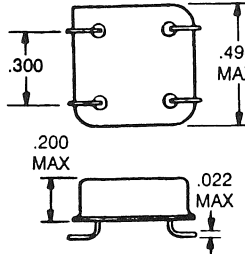
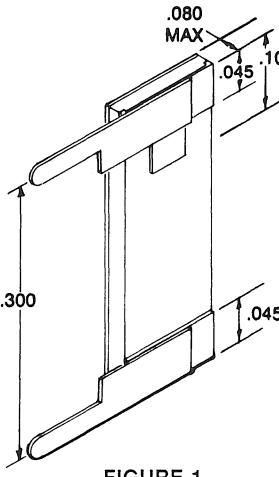
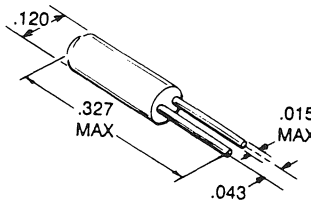
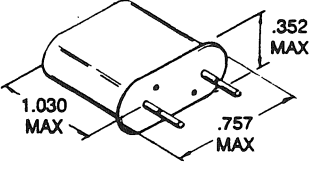
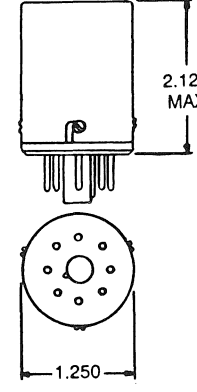
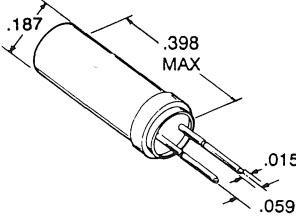
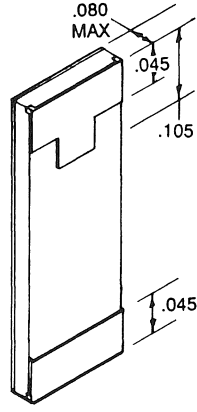
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352-0693-00	13-5	361-0385-00	4-32	378-0024-00	9-5	384-1060-00	4-32
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				378-2017-00	9-5		
				378-2049-00	9-9		



QUARTZ, CRYSTAL UNIT  
ILLUSTRATIONS

QUARTZ, CRYSTAL UNIT  
ILLUSTRATIONS

 <p>HC-6/U</p>	 <p>HC-13/U</p>	 <p>HC-18/U</p>	 <p>HC-25/U</p>
 <p>HC-27/U or BA6</p>	 <p>HC-32/U</p>	 <p>HC-33/U</p>	 <p>HC-35/U or TO-5</p>
 <p>HC-36/U</p>	 <p>HC-42/U</p>	 <p>HC-43/U</p>	 <p>HC-47/U WITH THIRD LEAD</p>

 <p>HC-49/U</p>	 <p>HC-49/M</p>	 <p>HC-49/U WITH THIRD LEAD</p>	 <p>NE-33SSXY</p>
 <p>SM2-18</p>	 <p>FIGURE 1</p>	 <p>FIGURE 2</p>	 <p>FIGURE 3</p>
 <p>FIGURE 4</p>	 <p>FIGURE 5</p>	 <p>FIGURE 6</p>	



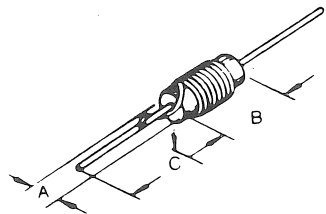


FIGURE 1

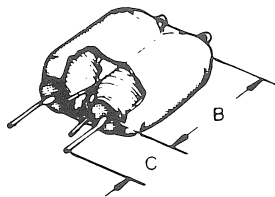


FIGURE 2

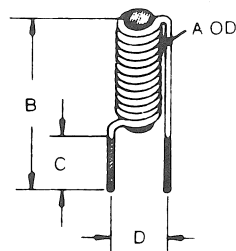


FIGURE 3

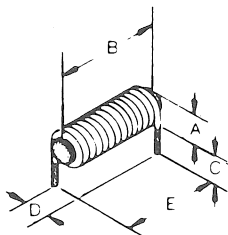


FIGURE 4

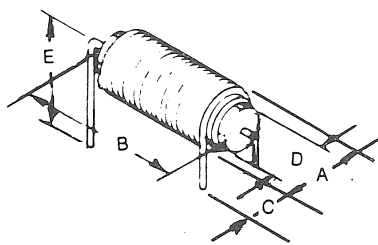


FIGURE 5

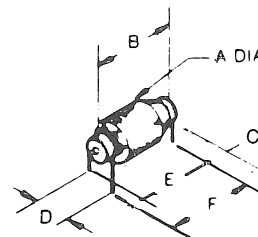


FIGURE 6

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108-1125-00	.625
108-1022-00	.400
108-1234-00	.400

Part Number	Dim D	Dim E
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108-1007-00	.350	.770
108-0859-00	.340	1.125
108-1058-00	.200	.550
108-1006-00	.316	1.050
108-0995-00	.360	1.160
108-0919-00	.400	1.150
108-1237-00	.800	.400
108-1242-00	.300	.250
108-1242-01	.300	.250
108-1294-00		.370
108-1309-00	.164	

Part Number	Dim D	Dim E
108-0747-00	.350	.765
108-0679-00	.350	.700

Part Number	D	E	F
108-1088-00	.300	.800	.950
108-1088-00	.300	.800	.950
108-0681-00	.350	.800	.900

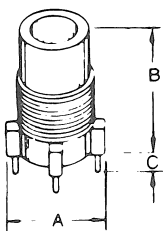


FIGURE 7

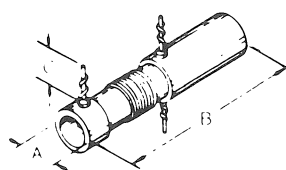


FIGURE 8

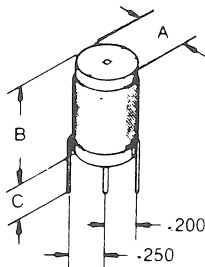


FIGURE 9

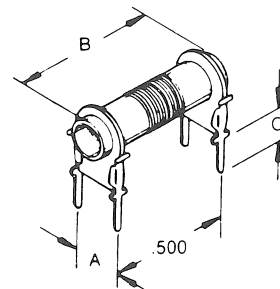
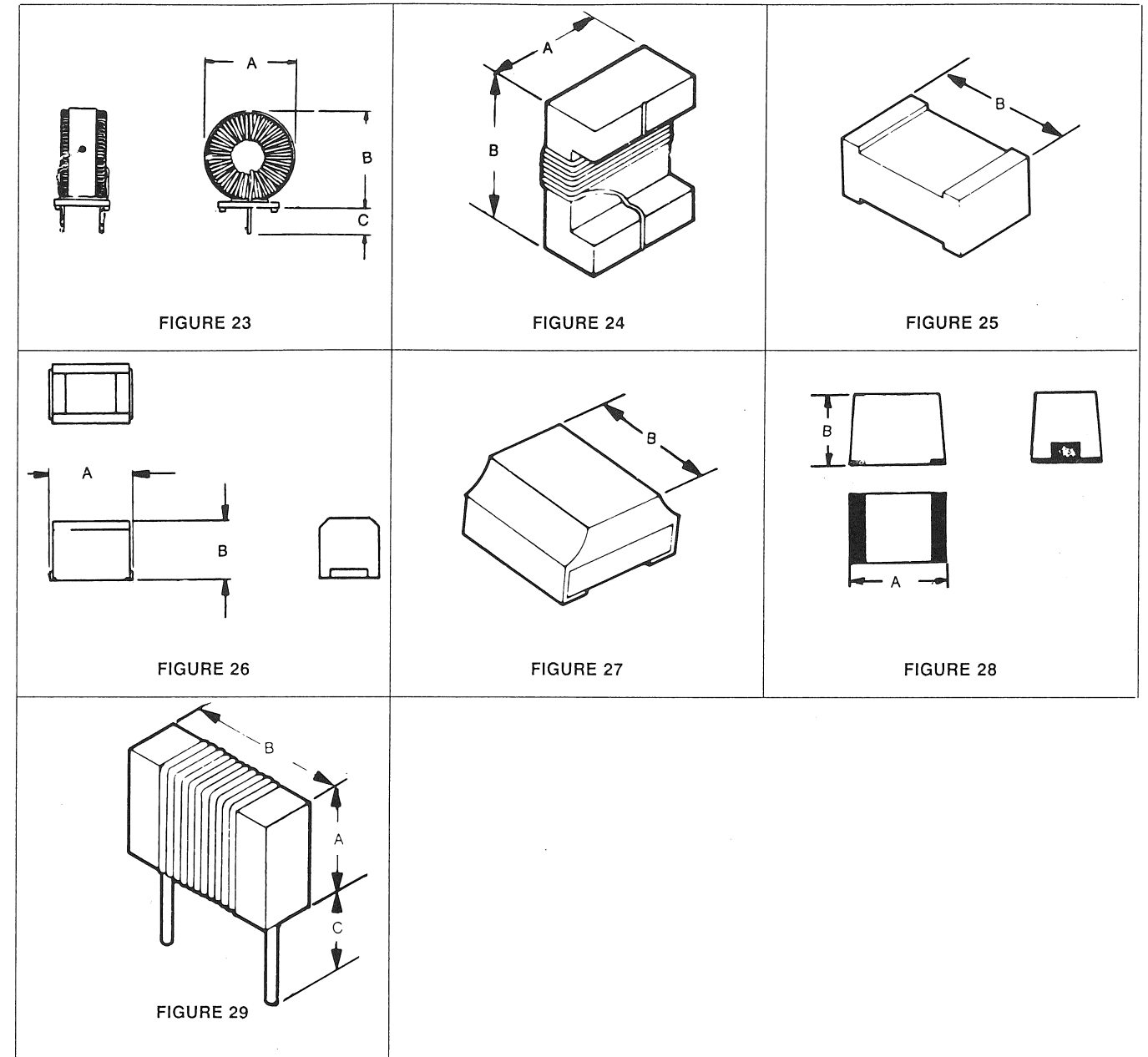
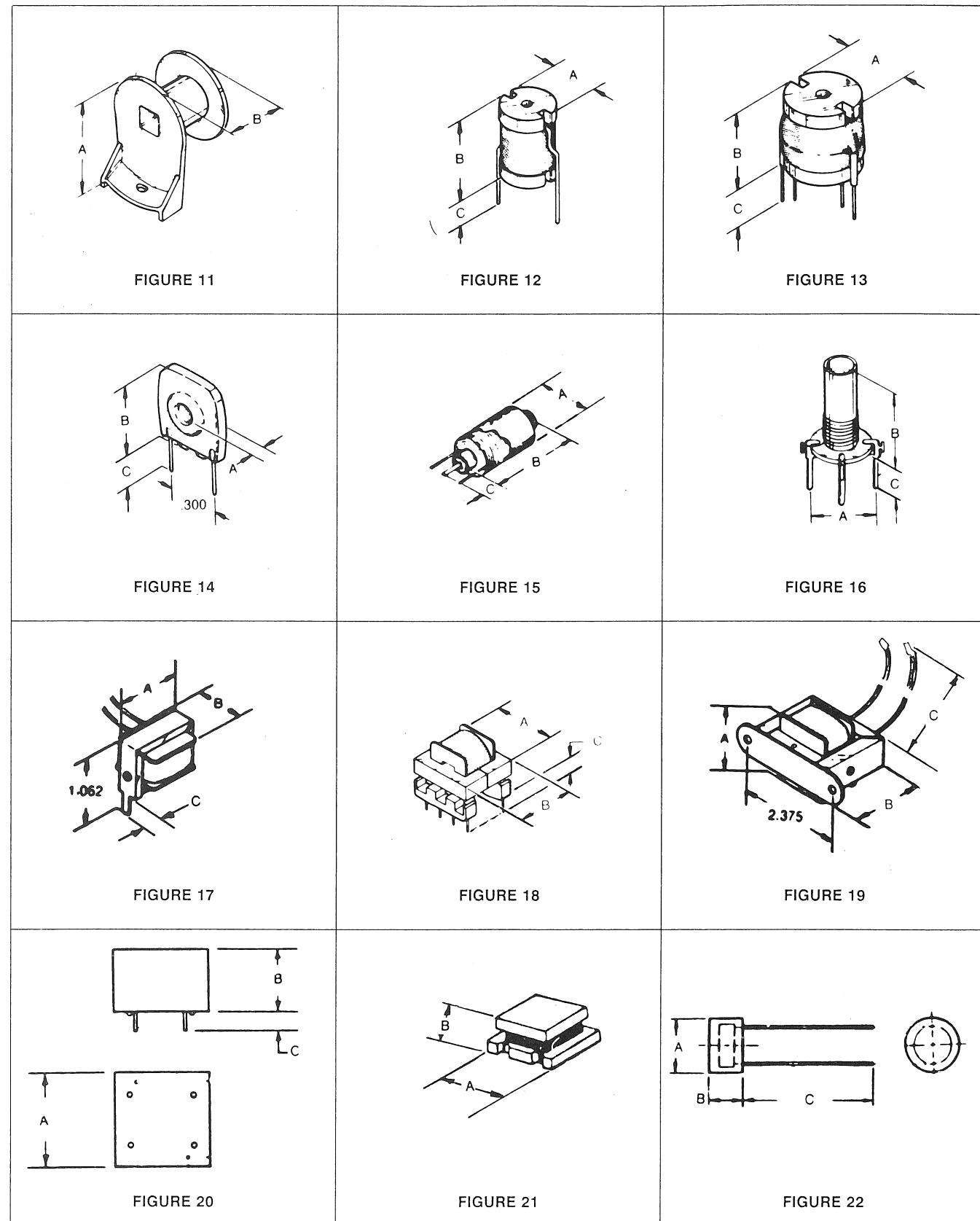


FIGURE 10



COIL, FIXED  
TUBULAR



COIL, VARIABLE

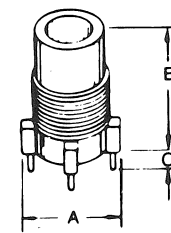
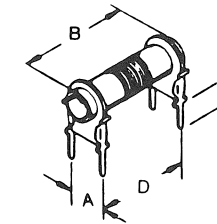


FIGURE 1

CAUTION: HIGH COST COIL FORM



Part Number		Dim.
		D
276-0080-00	ST: <sup>a</sup> DL	.500
276-0136-00	ST: <sup>a</sup> DL	.400

FIGURE 2

CAUTION: HIGH COST COIL FORM

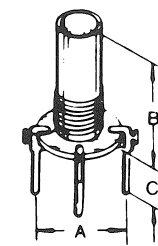


FIGURE 3

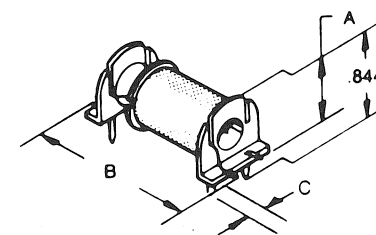


FIGURE 4

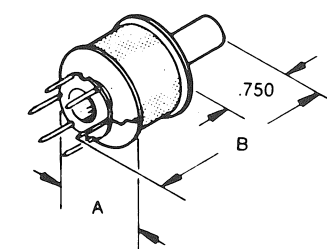


FIGURE 5

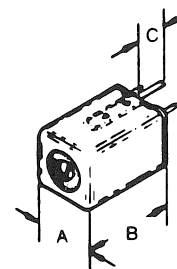


FIGURE 6

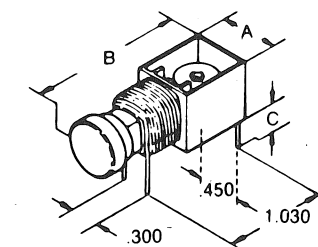
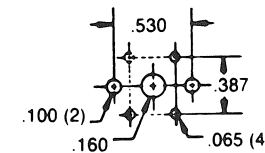


FIGURE 7

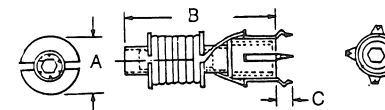


FIGURE 8

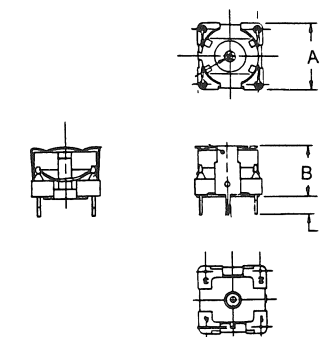


FIGURE 9

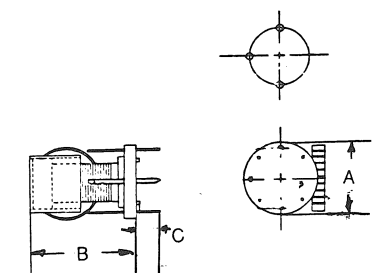
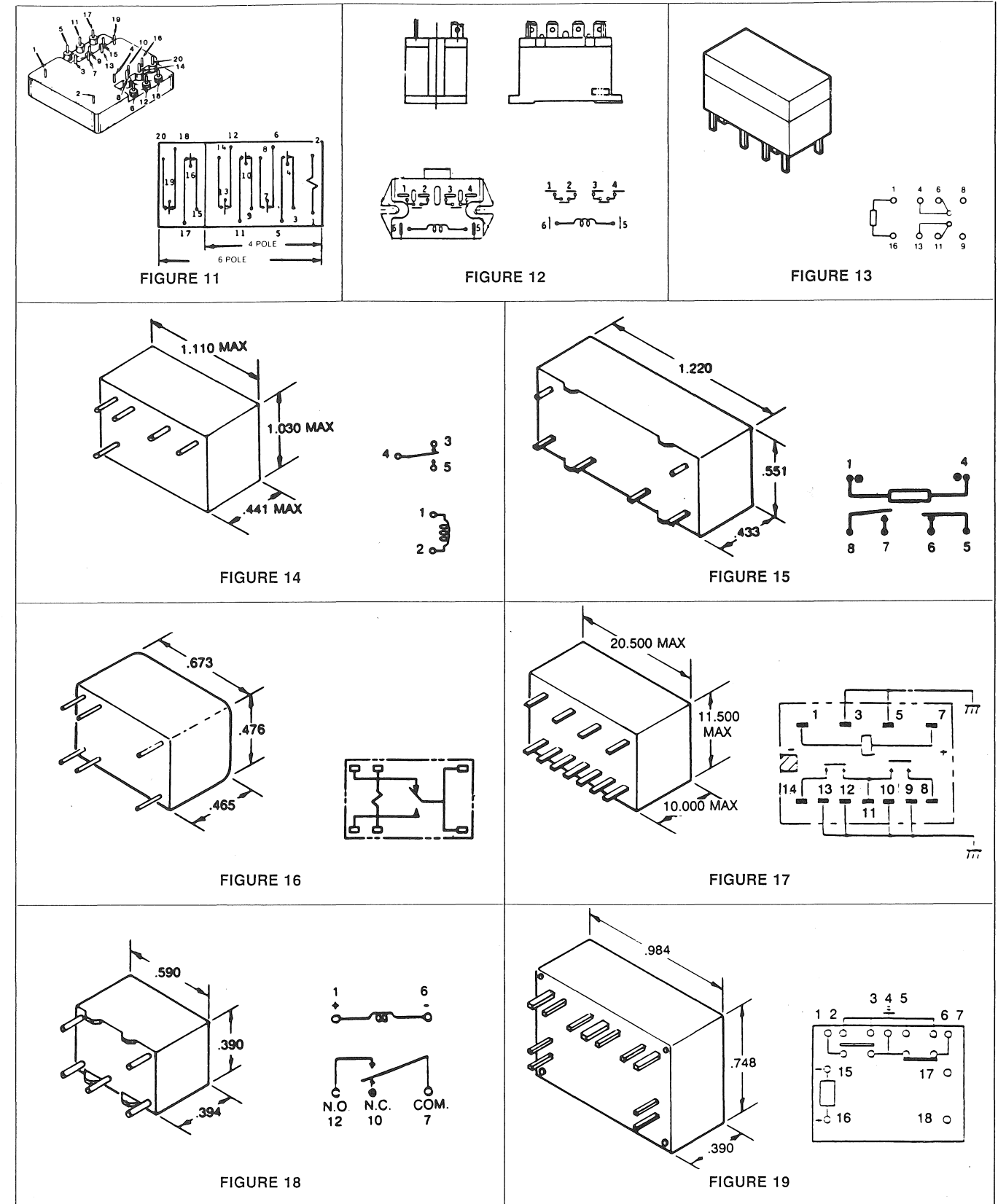
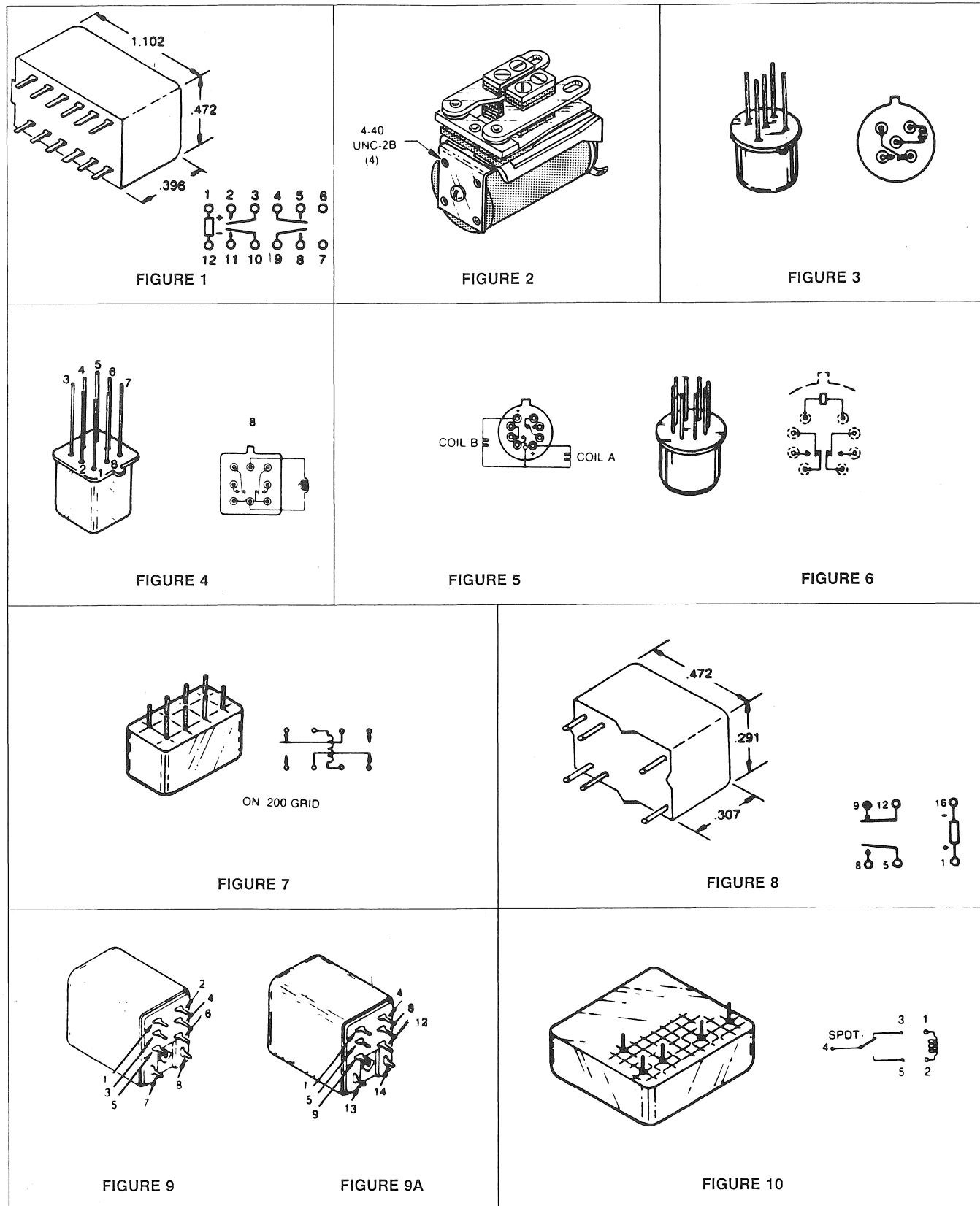


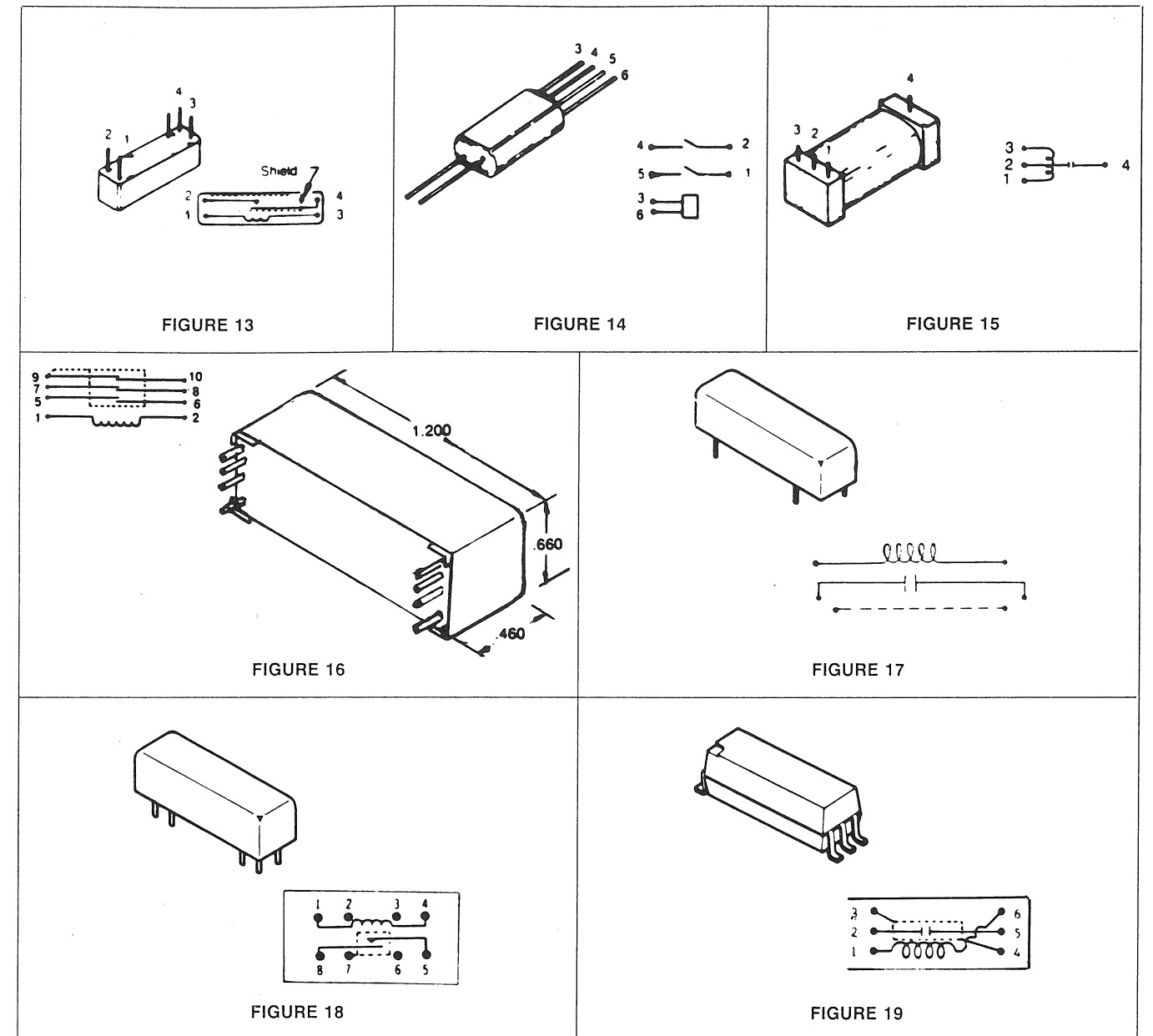
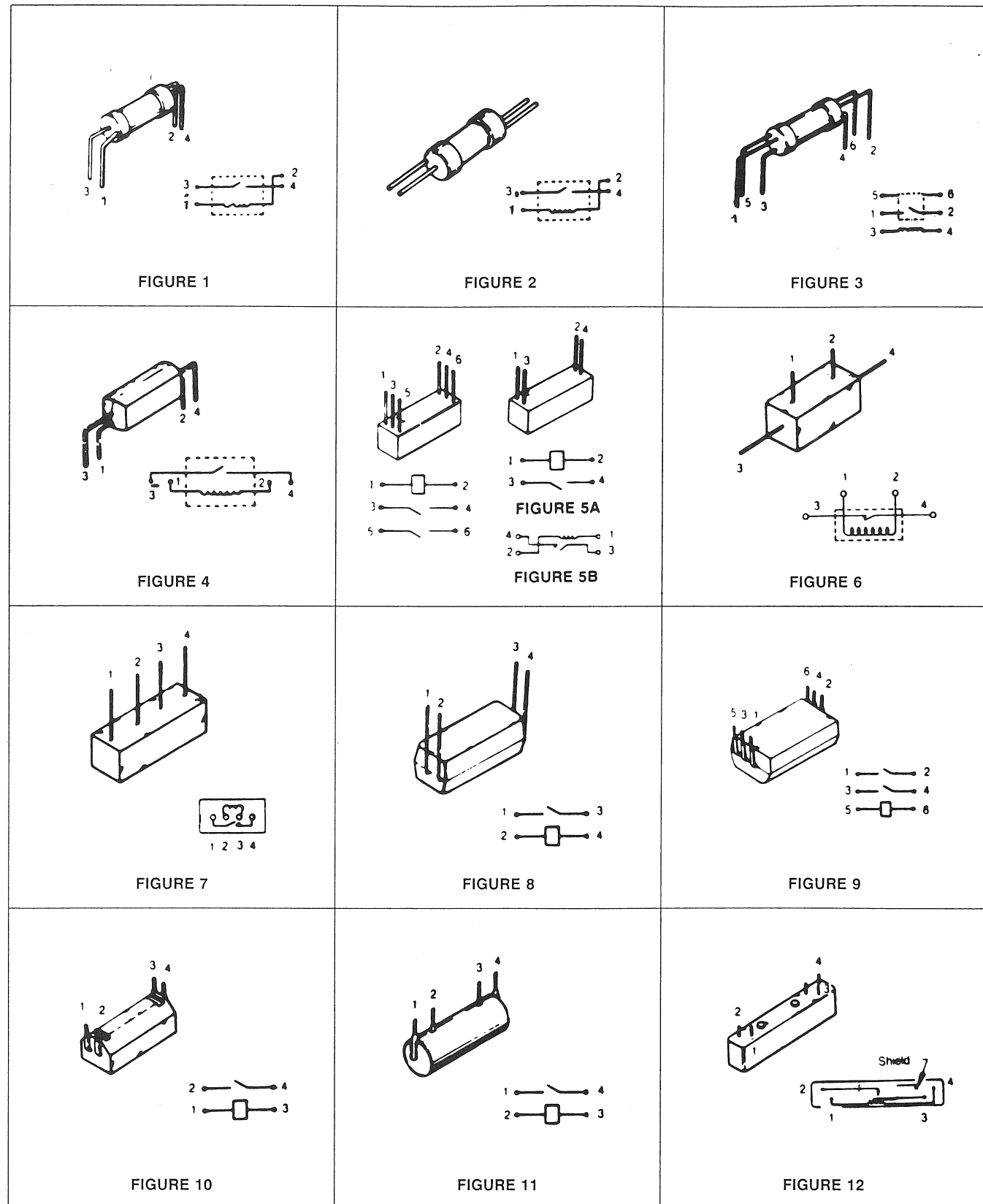
FIGURE 10

# RELAYS

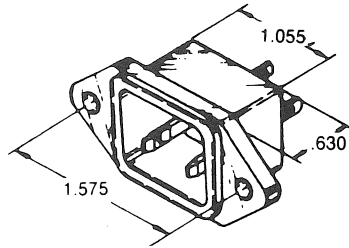
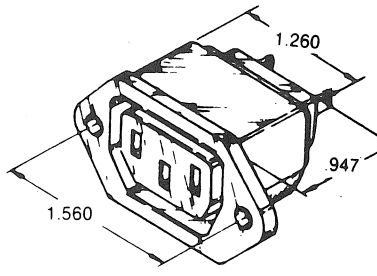
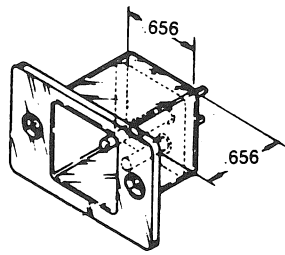
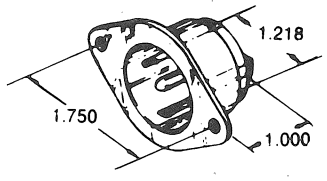
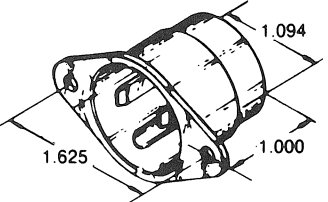
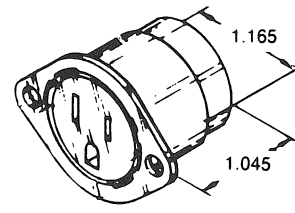
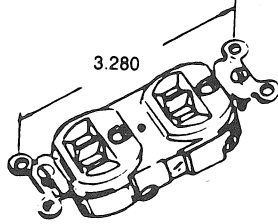
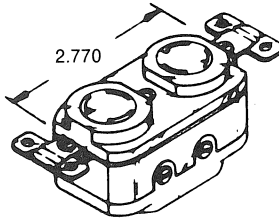
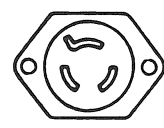
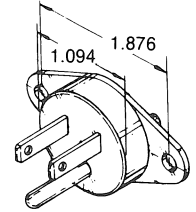
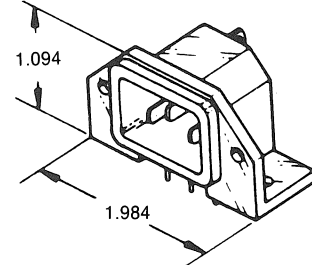
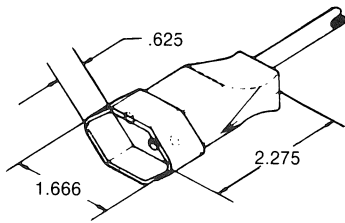
## ARMATURE (PURCHASED)

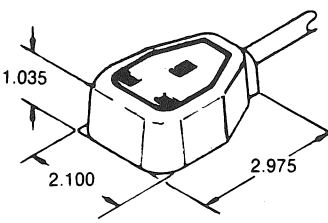
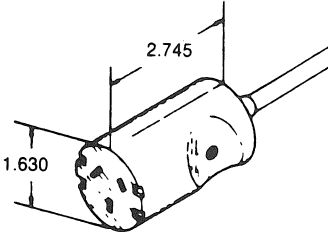
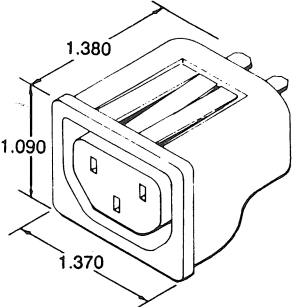
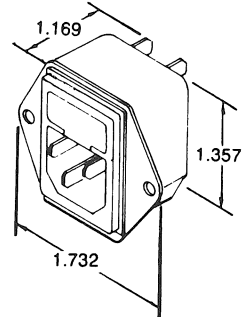
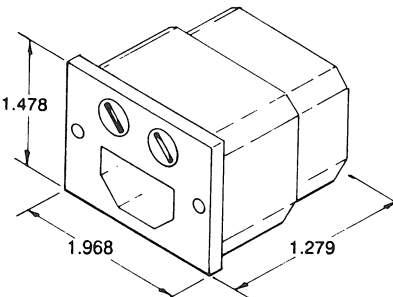
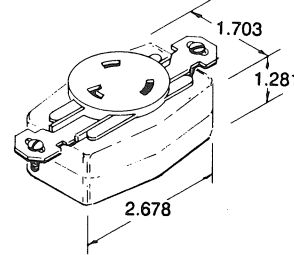
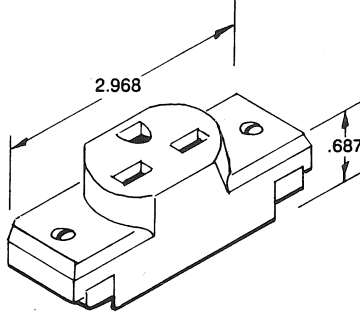
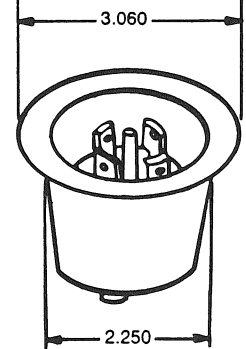
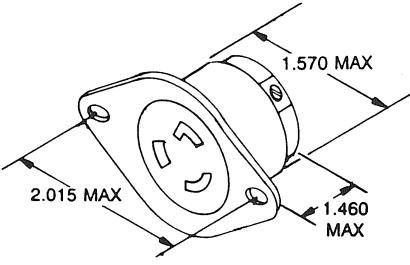
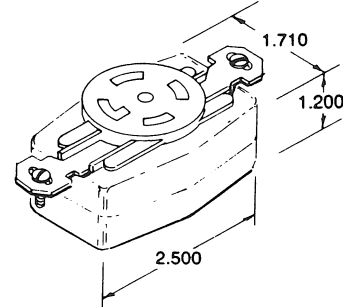
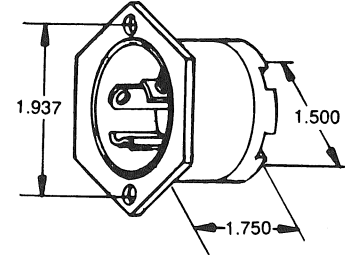
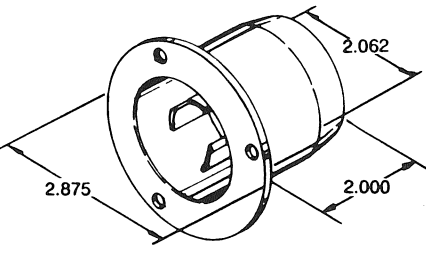


RELAYS  
REED



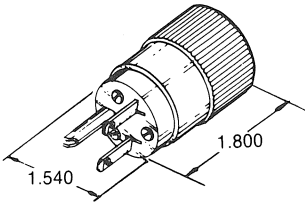
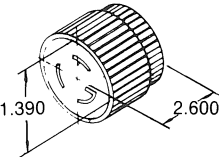
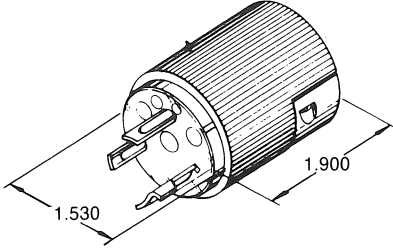
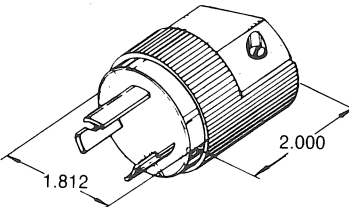
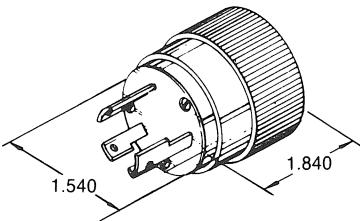
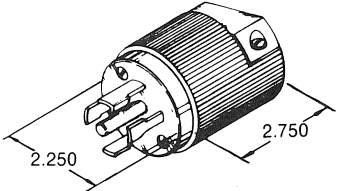
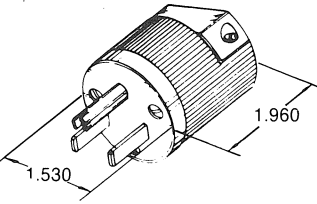
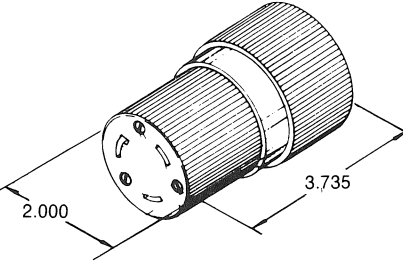
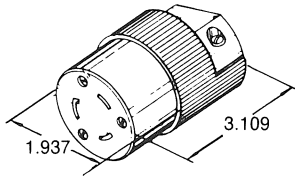
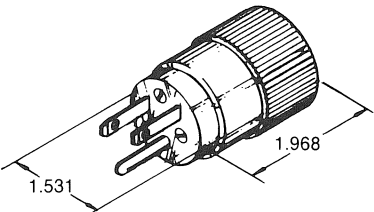
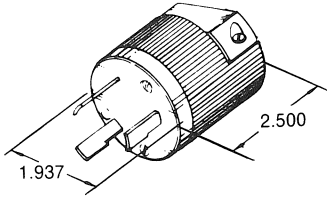
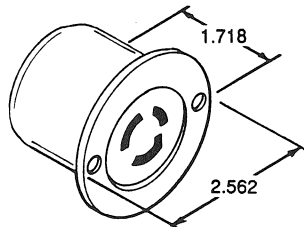
RECEPTACLES  
(PANEL-MOUNTED CONNECTORS)

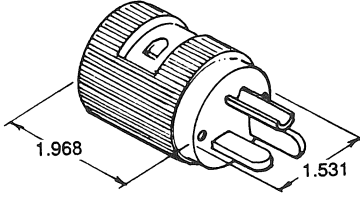
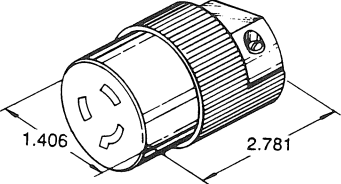
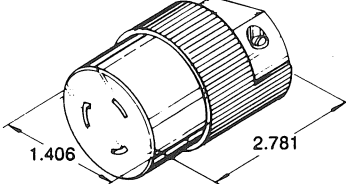
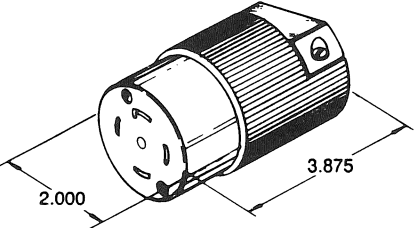
 <p>FIGURE 1</p>	 <p>FIGURE 2</p>	 <p>FIGURE 3</p>
 <p>FIGURE 4</p>	 <p>FIGURE 5</p>	 <p>FIGURE 6</p>
 <p>FIGURE 7</p>	 <p>FIGURE 8</p>	 <p>FIGURE 9</p>
 <p>FIGURE 10</p>	 <p>FIGURE 11</p>	 <p>FIGURE 12</p>

 <p>FIGURE 13</p>	 <p>FIGURE 14</p>	 <p>FIGURE 15</p>
 <p>FIGURE 16</p>	 <p>FIGURE 17</p>	 <p>FIGURE 18</p>
 <p>FIGURE 19</p>	 <p>FIGURE 20</p>	 <p>FIGURE 21</p>
 <p>FIGURE 22</p>	 <p>FIGURE 23</p>	 <p>FIGURE 24</p>

RECEPTACLE ILLUSTRATIONS  
(PANEL-MOUNTED CONNECTORS)

**PLUGS**  
(CABLE-MOUNTED CONNECTORS)

 <p>FIGURE 1</p>	 <p>FIGURE 2</p>	 <p>FIGURE 3</p>
 <p>FIGURE 4</p>	 <p>FIGURE 5</p>	 <p>FIGURE 6</p>
 <p>FIGURE 7</p>	 <p>FIGURE 8</p>	 <p>FIGURE 9</p>
 <p>FIGURE 10</p>	 <p>FIGURE 11</p>	 <p>FIGURE 12</p>

 <p>FIGURE 13</p>	 <p>FIGURE 14</p>	 <p>FIGURE 15</p>
 <p>FIGURE 16</p>		



## STATUS CODES FOR PARTS AND PRODUCTS

The status in this catalog was correct at the time it was published.

<b>CM Custom Mod:</b>	1. An instrument modified to meet customer specifications. 2. A component used exclusively in a custom modified instrument.
<b>CR Current Production:</b>	1. A finished product, which has "turned regular" and is currently being produced. 2. A component currently being purchased or produced for use on a current production finished product.
<b>CS<sup>a</sup> Customer Service:</b>	A replacement item, not used in a current production instrument, supported by Customer Service and either stocked in Customer Service, built or supplied for them on demand.
<b>DL<sup>a</sup> Deleted:</b>	An item that is no longer produced or purchased and which has no replacement.
<b>EN<sup>a</sup> Engineering:</b>	An item used exclusively by Engineering which is not being used on a finished product (A part in the design or evaluation stage). The item may be picked up for use in a future product.
<b>IN International:</b>	An item purchased or produced by Guernsey or Heerenveen for use exclusively in their production.
<b>LR Last Supply Current:</b>	Last supply of current status material. No more parts will be purchased after these are gone.
<b>LS Last Supply Customer Service:</b>	Last supply of Customer Service material. No more parts will be purchased after these are gone.
<b>MP Modified Pre-Prod:</b>	An item set up due to a modification. Established through the use of a Engineering Change Order.
<b>NP<sup>a</sup> Non-Production:</b>	An item which is no longer produced or purchased and which has a replacement.
<b>OB<sup>a</sup> Obsolete:</b>	1. A component which has matured through the Long Term Product Support Program. The usage has been out of production for 12 years (sometimes less, if accelerated). The item may continue to be supported through Obsolete Parts Notice 126. 2. An instrument which is no longer produced and which has completed the instrument phase-out program.
<b>OT<sup>a</sup> Obsolescent:</b>	A component used exclusively in an instrument which will go out of production within one year (as determined by the Corporate Phase-Out Committee).
<b>PP Pre-Production:</b>	1. A finished product prior to "turn regular". 2. A component used on an instrument not yet in current production, or a component going into a current product via an IRS (mod).
<b>SC Sony/Tek Current Production:</b>	An item purchased or produced by Sony/Tek for use exclusively in Sony/Tek production.
<b>TC Telequipment Current Production:</b>	An item purchased or produced by Telequipment for use exclusively in Telequipment production.

## ND CODES (New Design Recommendation Codes)

The following is a list of the ND Codes used in this Catalog and their definition per Component Engineering.

<b>A Approved:</b>	The parts listed as APPROVED are currently available in the industry and the long term support by the vendors looks good. Component Engineering has looked at the part and found no major problems.
<b>N Not Recommended for New Design:</b>	The parts listed as NOT RECOMMENDED FOR NEW DESIGN are parts which have some sort of problem. They may be built in an old technology or there may be a new better and more cost effective part available. The Component Engineer should be contacted about such parts if a real need arises. In some cases these parts may be the best or only choice for certain applications.
<b>P Preferred</b>	The parts listed as PREFERRED are recommended over the Approved parts.
<b>U Undefined</b>	The parts listed as UNDEFINED are not defined yet.
<b>X Do Not Use:</b>	The parts listed as DO NOT USE are parts which have been found to have major problems. Some examples of these problems are availability, quality, technology, or may be parts which are in the last time buy status. Parts which are being discontinued will also fall into this category. Component Engineering have looked at these parts and found the problems or have been notified of the problems from outside sources.

<sup>a</sup> To use a part with this status on a new instrument, contact Item Data Group, 627-2615, 78-608 for the proper procedure and group contacts.















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Supplies (May-88)

\_\_\_\_\_ Materials (Aug-87)

\_\_\_\_\_ Transistors, Diodes & Misc. (May-88)

\_\_\_\_\_ Electro-Mechanical (Jan-89)

\_\_\_\_\_ Supplemental Catalog (Oct-84)

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\_\_\_\_\_ Electro-Mechanical (Jan-89)

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