48-738

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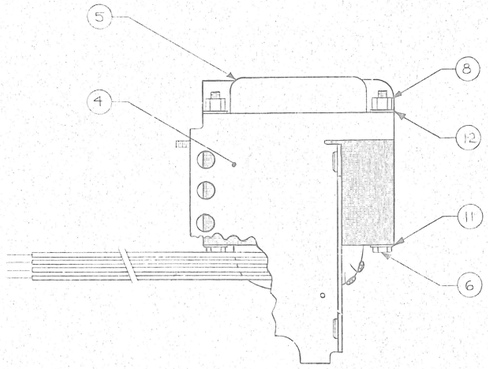
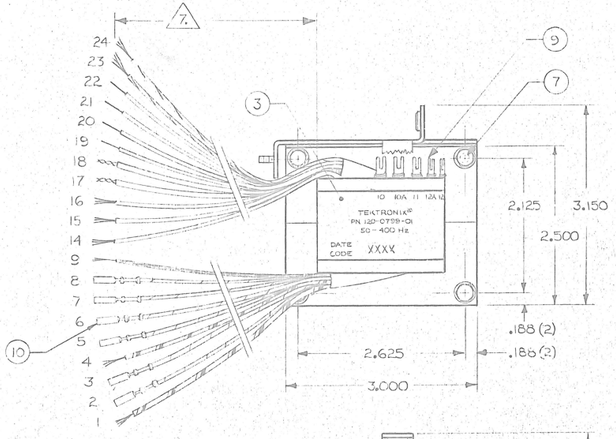
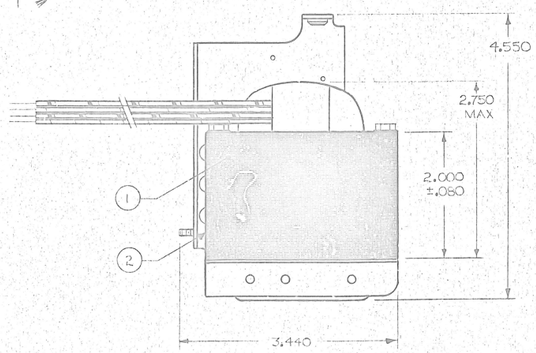
REV	REF	DESCRIPTION OF CHANGE	CHK BY	DATE
(A)	34683	NOTE 5 WAS 2KV RMS	RR	17AUG78







COIL STRUCTURE OUTSIDE

TYPE WINDING	TERM NO
SEC 29T	22-21 #22
SEC 23T	20-19 #22
SEC 45T	18-17 2 #22
SHIELD	9
INV PRI 26T	12A-12, 10-10A #24 (TWO IN HAND)
INV PRI 19T	11-12A, 10A-11 #21 (TWO IN HAND)
SHIELD	9
SEC 46T	24-23 # 28
SEC Ø-133-266T	16-15-14 #28
SHIELD	9
LINE PR Ø-12-24-292T	7-2-8-4 #28
LINE PRI Ø-268-280-292T	1-5-3-6 #28

INSIDE

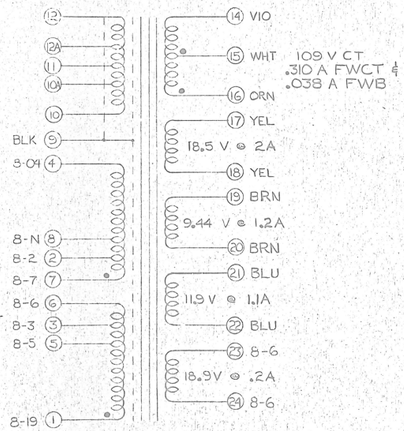
INVERTER PRIMARY	
INVERTER SUPPLY	CONNECT TO
11.5 – 14 VDC	10A-11-12A
22 – 28 VDC	10-11-12

LINE PRIMARY	
LINE TO 1-4	CONNECT
110	1 TO 8, 4 TO 5
115	1 TO 2, 4 TO 3
120	1 TO 7, 4 TO 6
220	08
230	
240	1 TO 7,

INVERTER PRIMARY
10A-12A, 15.6V CT
10-12, 36.9V CT
330-440 Hz

SHIELDS

LINE PRIMARY
110-115-120-220-230-240V ± 10%
50 TO 400 Hz



109 V CT
.310 A FWCT &
.038 A FWB

△7 ✱✱✱ WIRE #22 STRANDED TEFLON
✱ INSULATION SLEEVING

TERM NO.	COLOR	PART NUMBER	LENGTH ±.250	STRIP ±.125
1	8-19	175-879-00 ✱✱	7.000	.500
2	8-2	175-0880-00 ✱✱	3.500	—
3	8-3	175-0881-00 ✱✱	3.500	—
4	8-04	175-0882-00 ✱✱	5.000	.500
5	8-5	175-0883-00 ✱✱	3.500	—
6	8-6	175-0884-00 ✱✱	3.500	—
7	8-7	175-0885-00 ✱✱	3.500	—
8	8-N	175-0886-00 ✱✱	3.500	—
9	BLK	175-0920-00 ✱✱	3.000	.750
14	VIO	175-0949-00 ✱✱	3.750	.500
15	WHT	175-0951-00 ✱✱	3.750	.500
16	ORN	175-0950-00 ✱✱	3.750	.500
17	YEL	162-0514-00 ✱	4.000	1.000
18	YEL	162-0514-00 ✱	4.000	1.000
19	BRN	162-0554-00 ✱	4.000	1.000
20	BRN	162-0554-00 ✱	4.000	1.000
21	BLU	162-0524-00 ✱	4.000	1.000
22	BLU	162-0524-00 ✱	4.000	1.000
23	8-6	175-0884-00 ✱✱	3.750	.500
24	8-6	175-0884-00 ✱✱	3.750	.500

PART NUMBER	REV
120-0799-01	A

6. TRANSFORMER VACUUM IMPREGNATED WITH VARNISH.

△5. DIELECTRIC WITHSTANDING VOLTAGE: 1.5 KV RMS, 50 OR 60 Hz, 1 MIN, LINE PRIMARY TO INVERTER PRIMARY, SECONDARIES, SHIELD, AND CORE

4. POLARITY PER SCHEMATIC

3. WINDINGS INSULATED FOR 600 VDC

2. VOLTAGE RATINGS ARE RMS NO LOAD. CURRENT RATINGS ARE AMPS DC TYPICAL.

1. DIMENSIONS REFERENCE UOS.

NOTES:

ITEM	PART NUMBER	QTY	DESCRIPTION
12	210-0056-00	4	LOCKWASHER,
11	210-0812-00	4	WASHER, #10 FIBER
10	214-0768-00	6	CONTACT, ELECTRIC
9	210-0257-00	5	TERMINAL, LARGE
8	220-0561-00	4	NUT, PLAIN, HEX
7	166-0457-00	4	TUBE, INSULATING: 1.875 LONG
6	212-0522-00	4	BOLT, HEX HEAD, 10-32 X 2.500
5	200-1544-01	1	COVER, TRANSFORMER
4	407-1066-00	1	BRACKET, TRANSFORMER
3	334-2130-00	1	LABEL
2	386-0029-00	AR	PLATE, LAMINATION, STEEL
1	252-0039-00	AR	FINISH, BLACK GLYPTAL

LIST OF MATERIALS

TEKTRONIX, INC. P.O. BOX 500 BEAVERTON, OREGON U.S.A. 97005

DR T. ALLEN	25 MAY 73	DIMENSIONS ARE IN INCHES TOLERANCES: UNLESS OTHERWISE SPECIFIED	
ENGR R. Cooper	16 AUG 73	DEC ———	ANG ———
CHK J. WOODFALL	16 AUG 73	SCALE 1:1	FIRST USED ON 475
PROD C. Pitt	16 Aug 73		

MATERIAL: LISTED

FINISH: NOTED

TITLE: TRANSFORMER, POWER

CODE IDENT NO	SIZE	PART NUMBER	REV
80009	D	120-0799-01	A

DO NOT SCALE DRAWING

8-686D