



# COMPONENT NEWS

PREPRODUCTION ENGINEERING

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## TRW METALLIZED POLYCARBONATE CAPACITORS

Starting Week 38, a special stock will be set up in the PE/CE&S area with the following ratings of metallized polycarbonate film capacitors:

<u>(50 EACH)</u> <u>±5% 50V</u>	<u>(100 EACH)</u> <u>±10% 100V</u>	<u>(100 EACH)</u> <u>±20% 400V</u>
0.047 $\mu$ F	0.01 $\mu$ F	0.001 $\mu$ F
0.1	0.022	0.0022
0.47	0.033	0.0047
1.0	0.047	0.01
	0.056	0.047
	0.068	0.1
	0.1	
	0.22	(Smallest size for
	0.47	the ratings.)
	1.0	

(Overlap monolithic ceramic type which is preferred for ±10% and ±20% tolerance.)

(Best combination of size, price and characteristics.)

We will also have a small quantity of assorted values up to 10 $\mu$ F and ±1% tolerance in hermetic case.

The new capacitors compare favorably in major characteristics with Mylar capacitors in similar packaging. They cost twice as much but have four times the volumetric efficiency.

For example, in the 1 $\mu$ F ±10% 100 volts rating, the Mylar capacitor at 40 cents measures 0.45 cubic inch as compared to 90 cents and 0.1 cubic inch of the metallized polycarbonate capacitor.

--Joe Yuen