

METALLIZED POLYESTER CAPACITOR

NON-INDUCTIVE, WRAP & FILL WITH POLYESTER TAPE & EPOXY RESIN

FEATURES

- High Reliability
- Miniature Size & Light Weight
- Available taped & reeled package for auto-insertion
- $\pm 1\%$ and $\pm 2\%$ available upon request
- Analog computer reference & low frequency tuned circuit for Communication & Electronic Industries

SPECIFICATIONS

OPERATING TEMPERATURE
-40°C to 85°C

VOLTAGE RANGE
63, 100, 250, 400, AND 630VDC

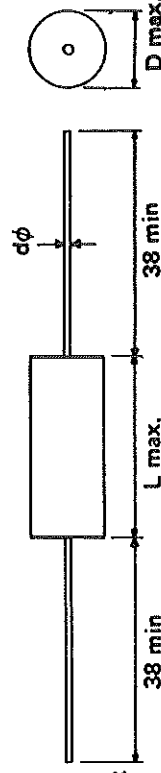
CAPACITANCE RANGE
00047 TO 12.0 Mfd

DIELECTRIC STRENGTH
150% of rated voltage for 5 sec.

CAPACITANCE TOLERANCE
 $\pm 5\%$, $\pm 10\%$, AND $\pm 20\%$

INSULATION RESISTANCE
 $C < .33 \text{ Mfd}$, $R \geq 15,000 \text{ Meg. } \Omega \text{ at } 25^\circ\text{C}$
 $C \geq .33 \text{ Mfd}$, $RC \geq 5,000 \text{ Meg. } \Omega \times \text{Mfd}$

DISSIPATION FACTOR
1.0% max. at 1 KHz, 25°C



Mfd	VDC	63 VDC			100 VDC			250 VDC			400 VDC			630 VDC		
		D	L	d	D	L	d	D	L	d	D	L	d	D	L	d
.0047		3.5	7.0	0.5												
.0068		3.5	7.0	0.5												
0.01		3.5	7.0	0.5	5.0	10.5	0.6	5.0	10.5	0.6	5.5	14.0	0.6	6.0	14.0	0.6
0.015		3.8	7.0	0.5	5.0	10.5	0.6	5.0	10.5	0.6	5.5	14.0	0.6	6.5	14.0	0.6
0.022		3.8	7.0	0.5	5.0	10.5	0.6	5.0	10.5	0.6	5.5	14.0	0.6	7.0	14.0	0.6
0.033		3.8	7.0	0.5	5.0	10.5	0.6	5.0	10.5	0.6	6.0	14.0	0.6	6.5	19.0	0.6
0.047		4.0	7.0	0.5	5.5	10.5	0.6	5.5	14.0	0.6	7.0	14.0	0.6	7.5	19.0	0.6
0.068		4.0	7.0	0.5	5.5	10.5	0.6	5.5	14.0	0.6	6.5	19.0	0.6	8.5	19.0	0.8
0.1		4.0	7.0	0.5	6.0	10.5	0.6	6.0	14.0	0.6	7.5	19.0	0.6	9.5	25.0	0.8
0.15					6.0	14.0	0.6	7.0	14.0	0.6	8.5	19.0	0.8	10.5	25.0	0.8
0.22					6.5	14.0	0.6	7.0	19.0	0.6	8.5	25.0	0.8	10.5	32.0	0.8
0.33					7.5	14.0	0.6	8.0	19.0	0.6	10.0	25.0	0.8	11.5	32.0	0.8
0.47					7.0	19.0	0.6	9.5	19.0	0.8	11.0	32.0	0.8	14.0	32.0	0.8
0.68					8.0	19.0	0.6	9.0	25.0	0.8	13.0	32.0	0.8	17.0	32.0	0.8
1.0					9.5	19.0	0.8	10.0	25.0	0.8	15.5	32.0	0.8	20.5	32.0	0.8
1.5					9.5	25.0	0.8	11.5	32.0	0.8	17.5	32.0	0.8	19.5	47.0	0.8
2.2					11.5	25.0	0.8	13.5	32.0	0.8	18.5	37.0	0.8			
3.3					13.5	25.0	0.8	16.5	32.0	0.8	20.5	43.0	0.8			
4.7					14.0	32.0	0.8	18.0	37.0	0.8	24.5	43.0	0.8			
6.8					17.0	32.0	0.8	19.5	43.0	0.8						
8.2					18.0	32.0	0.8	20.5	47.0	0.8						
10.0					19.5	32.0	0.8	22.5	47.0	0.8						
12.0					20.5	37.5	0.8									