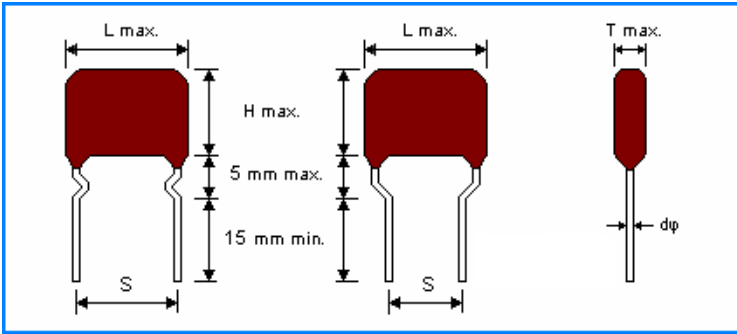




METALLIZED POLYPROPYLENE CAPACITOR

NON-INDUCTIVE, EPOXY DIPPED



GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:

- 40°C ~ + 105°C
Derate DC voltage 1.5%/°C above 85°C to 105°C.

2. VOLTAGE RANGE:

250, 400 and 630 VDC.

3. CAPACITANCE RANGE:

0.01 ~ 4.7 Mfd.
(other rating upon request)

4. DIELECTRIC STRENGTH:

160% of rated voltage for 2 sec.

5. CAPACITANCE TOLERANCE:

±5%, ±10% and ±20%.

6. INSULATION RESISTANCE:

$C < .33 \text{ Mfd}$, $R \geq 30,000 \text{ Meg. Ohm}$ at $20 \pm 3^\circ\text{C}$.
 $C \geq .33 \text{ Mfd}$, $RC \geq 10,000 \text{ Meg. Ohm} \times \text{Mfd}$.

7. DISSIPATION FACTOR:

0.1% max. at 1KHz $20 \pm 3^\circ\text{C}$.

APPLICATION

High frequency pulse and thyristor circuits, noise suppressor, B+ filter in all commercial and industrial equipments.

FEATURES

- * High reliability and excellent self-healing characteristics.
- * Low losses and low ESR.
- * Coated with flame retardant epoxy.

Maximum pulse rise time (dv/dt) V / μsec

VDC \ S	10.0	15.0	22.5	27.5
250	11.0	7.0	4.0	3.0
400	20.0	10.0	5.5	5.0
630	30.0	15.0	8.0	7.0

L	13.0	18.0	26.0	31.0
S	10.0	15.0	22.5	27.5
dφ	0.6	0.8	0.8	0.8

VDC \ Mfd	250			400			630		
	L	T	H	L	T	H	L	T	H
0.010	13.0	5.0	9.0	13.0	5.0	9.0	13.0	5.5	9.5
0.015	13.0	5.0	9.0	13.0	5.0	9.0	13.0	6.5	10.5
0.022	13.0	5.0	9.0	13.0	5.5	9.5	13.0	7.0	11.5
0.033	13.0	5.5	9.0	13.0	6.5	11.0	18.0	7.0	11.5
0.047	13.0	5.5	9.5	13.0	7.5	12.5	18.0	8.0	13.0
0.068	13.0	6.0	10.5	18.0	6.0	11.0	18.0	9.0	15.5
0.10	13.0	7.0	11.0	18.0	7.5	13.5	26.0	8.0	15.0
0.15	18.0	6.5	10.5	26.0	7.0	13.5	26.0	9.5	17.0
0.22	18.0	7.0	12.5	26.0	8.0	15.0	31.0	10.0	17.0
0.33	18.0	8.0	13.5	26.0	10.0	17.0	31.0	12.5	19.5
0.47	26.0	7.5	14.0	31.0	10.0	17.0	31.0	15.0	22.5
0.68	26.0	8.5	15.5	31.0	12.0	19.0	31.0	17.5	26.5
1.0	26.0	10.5	17.0	31.0	14.0	22.5			
1.5	31.0	11.0	18.0	31.0	17.0	25.5			
2.2	31.0	13.5	21.0						
2.7	31.0	15.0	22.5						
3.3	31.0	16.0	24.0						
4.7	31.0	19.0	28.0						