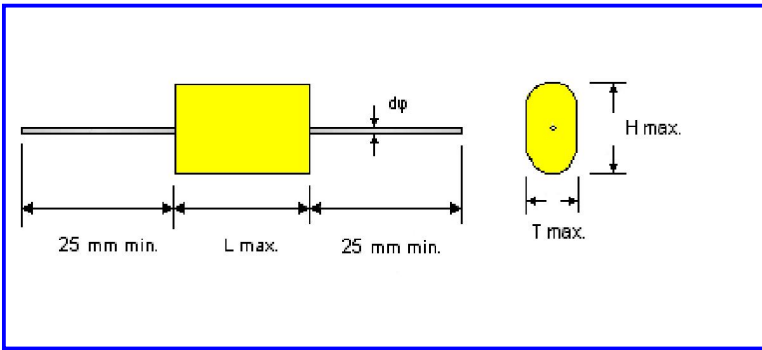




METALLIZED POLYPROPYLENE CAPACITOR

NON-INDUCTIVE, AXIAL LEAD, FLAT OVAL SHAPE



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:

0.1 ~ 6.8 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:

$C < .33$ Mfd, $R \geq 30,000$ Meg.Ohm at 20±3°C

$C \geq .33$ Mfd, $RC \geq 10,000$ Meg.Ohm × Mfd.

7. DISSIPATION FACTOR:

0.1% max. at 1KHz 20±3°C.

APPLICATION

Wave-form shaping, delay and timing circuit for communication and electronic industries.

FEATURES

- * High reliability and excellent long term stability.
- * Very low dissipation factor.
- * Suitable for high frequency application.
- * Self-healing property.

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

VDC \ L	14.0	19.0	25.0	32.0	37.0	47.0
250	10.0	7.0	4.0	2.5	1.5	0.8
400		10.0	6.5	4.0	3.0	1.0
630			10.0	6.0	4.0	2.0

L	14.0	19.0	25.0	32.0	37.0	47.0
dφ	0.6	0.6	0.8	0.8	0.8	1.0

VDC \ Mfd	250			400			630		
	L	T	H	L	T	H	L	T	H
0.10	14.0	5.5	10.0	19.0	6.5	11.5	25.0	8.0	13.0
0.15	19.0	6.0	10.5	19.0	8.0	13.5	25.0	9.0	15.0
0.22	19.0	7.0	10.5	25.0	8.0	14.0	32.0	9.0	15.5
0.33	19.0	8.0	12.5	25.0	9.5	16.0	32.0	11.5	19.5
0.47	25.0	8.0	13.5	32.0	9.5	16.0	32.0	14.0	23.0
0.68	25.0	9.5	15.5	32.0	11.0	19.0	37.0	15.0	24.0
1.0	25.0	11.0	17.5	32.0	12.0	21.0	47.0	16.0	25.0
1.5	32.0	11.0	17.5	37.0	13.0	22.0	47.0	20.0	29.0
2.2	32.0	12.5	20.0	37.0	16.0	25.0	47.0	24.0	34.0
3.3	37.0	13.0	22.0	47.0	16.0	28.0			
4.7	37.0	15.0	25.0	47.0	22.0	34.0			
6.8	47.0	16.5	26.5						