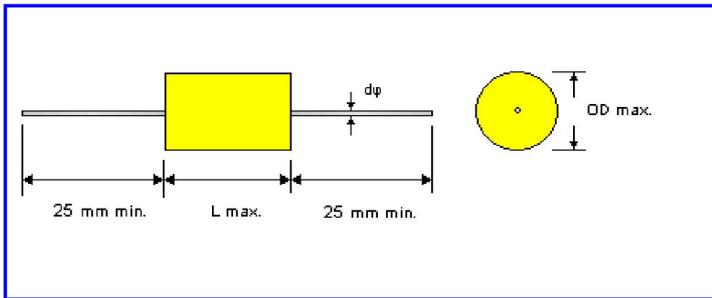




METALLIZED POLYPROPYLENE CAPACITOR

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



APPLICATION

* Widely used in communication and electronic industries as timing integrating and filter networks.

FEATURES

- * High reliability and excellent long term stability.
- * Low losses and excellent for high frequency application.
- * Miniature size and light weight.
- * Self-healing property.
- * Taped and reeled package is available for auto-insertion.

OD	dφ
up to 8.0 mm	0.6 mm
over 8.0 mm	0.8 mm

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	
400	13.5	10.0	6.5	4.0	3.0	
630	20.0	15.0	10.0	6.0	4.0	2.0

VDC \ Mfd	250		400		630	
	OD	L	OD	L	OD	L
0.010	5.0	14.0	5.5	14.0	6.5	14.0
0.015	5.5	14.0	6.0	14.0	7.0	14.0
0.022	6.0	14.0	7.0	14.0	8.0	14.0
0.033	6.0	14.0	7.5	14.0	8.0	19.0
0.047	6.5	14.0	8.0	14.0	9.0	19.0
0.068	7.5	14.0	8.0	19.0	9.0	25.0
0.10	8.0	14.0	8.5	19.0	11.0	25.0
0.15	8.5	14.0	10.0	19.0	12.0	25.0
0.22	9.0	19.0	10.0	25.0	13.0	32.0
0.33	9.0	25.0	12.0	25.0	15.0	32.0
0.47	10.5	25.0	12.0	32.0	17.0	32.0
0.68	12.5	25.0	14.0	32.0	18.5	37.0
1.0	12.5	32.0	16.5	32.0	19.0	47.0
1.5	14.5	32.0	18.5	37.0		
2.2	16.5	32.0	22.0	37.0		
3.3	17.0	37.0				
4.7	21.0	37.0				

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%.

±1%, ±2% and ±3% available upon request.

6. INSULATION RESISTANCE:

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

C ≥ .33 Mfd, RC ≥ 10,000 Meg. Ohm × Mfd.

7. DISSIPATION FACTOR:

0.1% max. at 1KHz 20±3°C.