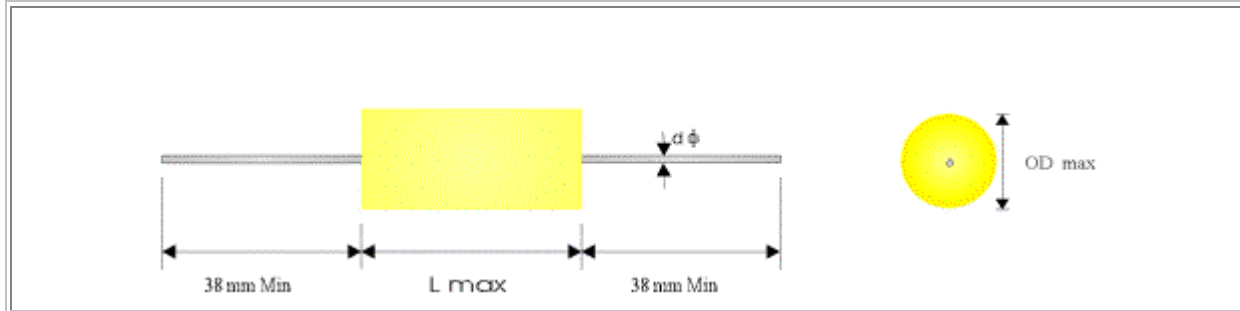


TYPE  
PMT

## 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.
- \*Available taped and reeled package for auto-insertion.

OD	d φ
up to 8.0mm	0.6mm
over 8.0mm	0.8mm

### GENERAL SPECIFICATION

#### 1. OPERATING TEMPERATURE:

-40°C to 85°C

#### 2. VOLTAGE RANGE:

250, 400 and 630 VDC.

#### 3. CAPACITANCE RANGE:

0.01 to 4.7 Mfd.

#### 4. DIELECTRIC STRENGTH:

160% of rated voltage for 2 sec.

#### 5. CAPACITANCE TOLERANCE:

±5%, ±10% and ±20%.

±1% and ±2% available upon request.

#### 6. INSULATION RESISTANCE:

c < .33Mfd, R ≥ 30,000 Meg. Ohm at 25°C.

c ≥ .33Mfd, R<sub>c</sub> ≥ 10,000 Meg. Ohm × Mfd.

#### 7. DISSIPATION FACTOR:

0.1% max. at 1KHz 25°C.

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

VDC	Lmax	14.0	19.0	25.0	32.0	37.0	47.0
250		10.0	7.0	4.0	2.5	1.2	-----
400		13.5	10.0	6.5	4.0	2.0	-----
630		20.0	15.0	10.0	6.0	4.0	2.2

VDC	250 VDC		400 VDC		630 VDC	
Mfd	OD	L	OD	L	OD	L
0.01	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
0.1	8.0	14.0	8.5	19.0	11.0	25.0
0.15	8.5	14.0	8.5	19.0	11.0	25.0
0.22	9.0	19.0	9.5	25.0	13.0	32.0
0.33	9.0	25.0	11.5	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	21.0	37.0		
3.3	17.5	37.0				
4.7	21.0	37.0				



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