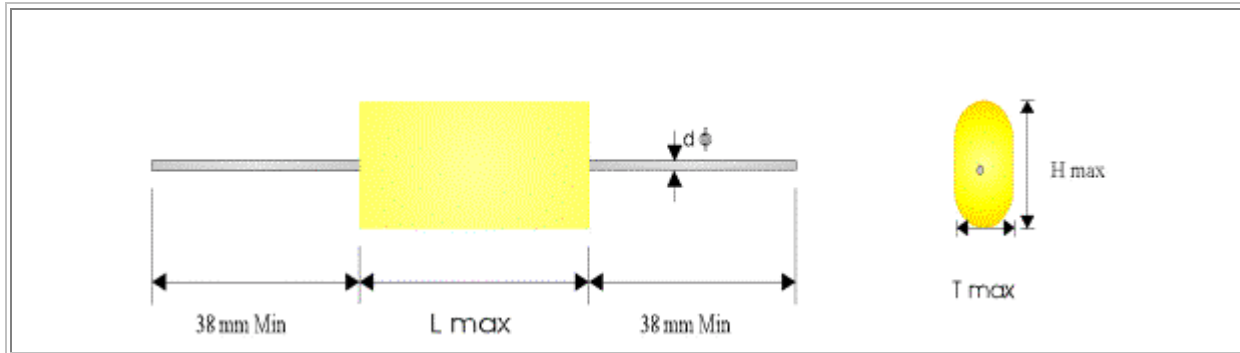


TYPE
PMF

METALLIZED POLYPROPYLENE CAPACITOR

NON-INDUCTIVE, AXIAL LEAD, FLAT OVAL SHAPE



APPLICATION

Waveform shaping, delay and timing circuit for communication and electronic industries.

FEATURES

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

Maximum pulse rise time (dv / dt) V / μ sec

Lmax VDC	14.0	19.0	25.0	32.0	37.0	47.0
250	10.0	7.0	4.0	4.0	1.5	0.8
400	-----	10.0	6.5	6.5	3.0	1.0
630	-----	-----	10.0	10.0	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

GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:

-40°C to 85°C

2. VOLTAGE RANGE:

250, 400 and 630 VDC.

3. CAPACITANCE RANGE:

0.1 to 6.8 Mfd.

4. DIELECTRIC STRENGTH:

160% of rated voltage for 2 sec.

5. CAPACITANCE TOLERANCE:

±5%, ±10% and ±20%.

6. INSULATION RESISTANCE:

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

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

7. DISSIPATION FACTOR:

0.1% max. at 1KHz 25°C.

VDC	250 VDC			400 VDC			630 VDC		
Mfd	L	T	H	L	T	H	L	T	H
0.1	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						



BREL International Components, Inc.
 1621 West University Parkway
 Sarasota, Florida 34243



Phone: 941-355-9791
Sales: 800-237-4564
Fax: 941-355-1530
E-Mail: sales@brelintl.com
Website: www.brelintl.com
Issue: January - 2001