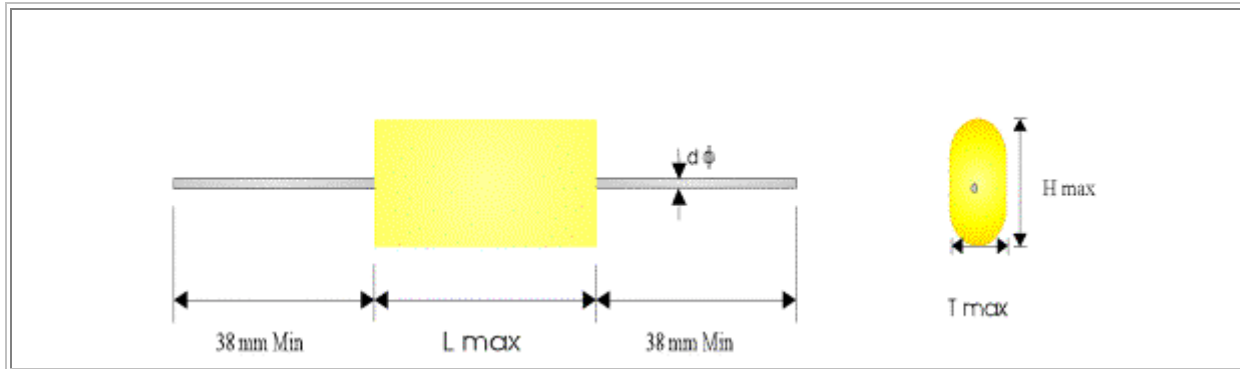


TYPE
CMF

METALLIZED POLYCARBONATE CAPACITOR

NON-INDUCTIVE, AXIAL LEAD, FLAT OVAL SHAPE



APPLICATION

Use in Pulse circuits, Timing, and Circuits requiring precision.

FEATURES

- *Low dissipation factor and excellent high frequency.
- *Light weight, high reliability and excellent long-term stability.
- *Self-healing properties.

L	14.0	19.0	25.0	32.0	37.0	43.0	47.0
d	0.6	0.6	0.8	0.8	0.8	0.8	1.0

GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:

-55°C to 105°C

2. VOLTAGE RANGE:

100, 250, 400 and 630 VDC.

3. CAPACITANCE RANGE:

0.1 to 18.0 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 ≥ 15,000 Meg. Ohm at 25°C.

c ≥ .33Mfd, R_c ≥ 5,000 Meg. Ohm × Mfd.

7. DISSIPATION FACTOR:

0.4% max. at 1KHz 25°C.

VDC	100 VDC			250 VDC			400 VDC			630 VDC		
Mfd	L	T	H	L	T	H	L	T	H	L	T	H
0.1				14.5	5.0	8.5	19.0	5.5	11.0	25.0	7.0	13.5
0.15				14.0	6.0	9.5	19.0	6.5	13.0	25.0	9.0	15.5
0.22	14.0	6.0	9.5	19.0	5.0	10.0	25.0	7.0	12.0	25.0	10.5	17.5
0.33	14.0	6.5	11.5	19.0	7.0	11.0	25.0	9.0	14.0	32.0	11.0	17.5
0.47	19.0	6.0	11.0	25.0	7.0	11.5	32.0	8.5	15.0	32.0	12.5	21.0
0.68	19.0	7.0	12.0	25.0	8.0	13.0	32.0	10.5	17.0	32.0	15.0	24.0
1.0	25.0	7.0	12.0	32.0	8.5	13.5	32.0	12.0	20.5	47.0	14.0	24.0
1.5	25.0	9.0	14.0	32.0	9.5	16.0	32.0	14.5	25.0	47.0	17.5	27.5
2.2	25.0	10.5	17.5	32.0	12.0	18.5	47.0	14.0	24.0	47.0	20.5	34.0
3.3	32.0	10.5	18.0	32.0	13.5	23.5	47.0	17.5	27.5	47.0	26.0	39.5
4.7	32.0	12.5	20.0	47.0	12.5	22.0	47.0	20.0	34.0			
6.8	37.0	14.5	23.0	47.0	15.0	25.5						
10	43.0	16.0	25.0	47.0	18.0	31.5						
12	47.0	16.0	26.0									
15	47.0	18.0	28.5									
18	47.0	20.0	31.0									



BRELE 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
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