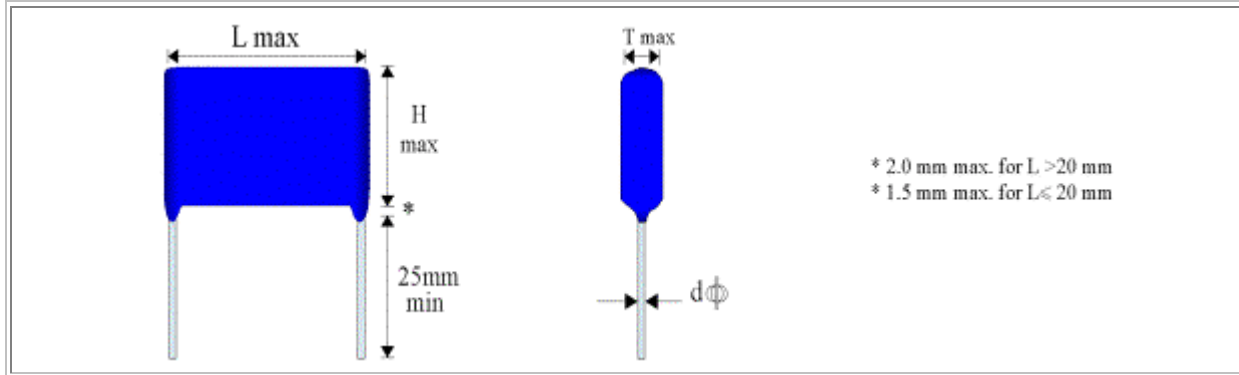


## METALLIZED POLYCARBONATE CAPACITOR

TYPE  
CMD

NON-INDUCTIVE, EPOXY DIP COATED,  
HIGH MOISTURE RESISTANCE



### APPLICATION

For electronic industries, to apply at high working frequency and critical requirement for spacing.

### FEATURES

- \*Low dissipation factor & low temperature coefficient.
- \*Available tape and reel package for auto-insertion.
- \*Specials available upon request.

L	12.5	18.0	26.0	31.0
S	10.0	15.0	22.5	27.5
dφ	0.6	0.8	0.8	0.8

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

VDC	S	10.0	15.0	22.5	27.5
100		6.0	3.0	2.0	1.0
250		11.0	7.0	4.0	3.0
400		20.0	10.0	5.5	5.0

### GENERAL SPECIFICATION

#### 1. OPERATING TEMPERATURE:

-40°C to 85°C  
Derate DC voltage 1.5%/°C above 85°C to 125°C

#### 2. VOLTAGE RANGE:

100, 250 and 400 VDC.

#### 3. CAPACITANCE RANGE:

0.01 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 ≥ 15,000 Meg. Ohm at 25°C.

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

#### 7. DISSIPATION FACTOR:

0.4% max. at 1KHz 25°C.

VDC	100 VDC			250 VDC			400 VDC		
Mfd	L	T	H	L	T	H	L	T	H
0.01							12.5	4.5	9.5
0.015							12.5	4.5	10.0
0.022							12.5	5.0	10.5
0.033				12.5	4.5	9.0	12.5	6.0	11.0
0.047				12.5	5.0	9.5	18.0	6.5	12.0
0.068				12.5	5.2	10.0	18.0	7.2	13.0
0.1	12.5	5.2	9.5	12.5	5.5	10.5	18.0	8.0	14.0
0.15	12.5	5.5	10.0	18.0	5.8	11.0	26.0	7.5	15.0
0.22	12.5	5.8	10.5	18.0	7.0	12.0	26.0	8.5	16.0
0.33	18.0	5.8	11.5	18.0	8.0	14.0	26.0	10.0	17.5
0.47	18.0	6.5	12.5	26.0	8.0	15.0	26.0	11.0	19.5
0.68	18.0	7.5	13.5	26.0	9.0	16.0	31.0	12.0	21.0
1.0	18.0	8.8	15.5	26.0	10.5	18.0	31.0	14.0	23.0
1.5	26.0	8.5	16.0	31.0	12.0	20.0			
2.2	26.0	9.5	17.0	31.0	14.0	22.0			
3.3	26.0	12.5	20.0						
4.7	31.0	13.5	23.5						
6.8	31.0	15.0	26.0						



**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  
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