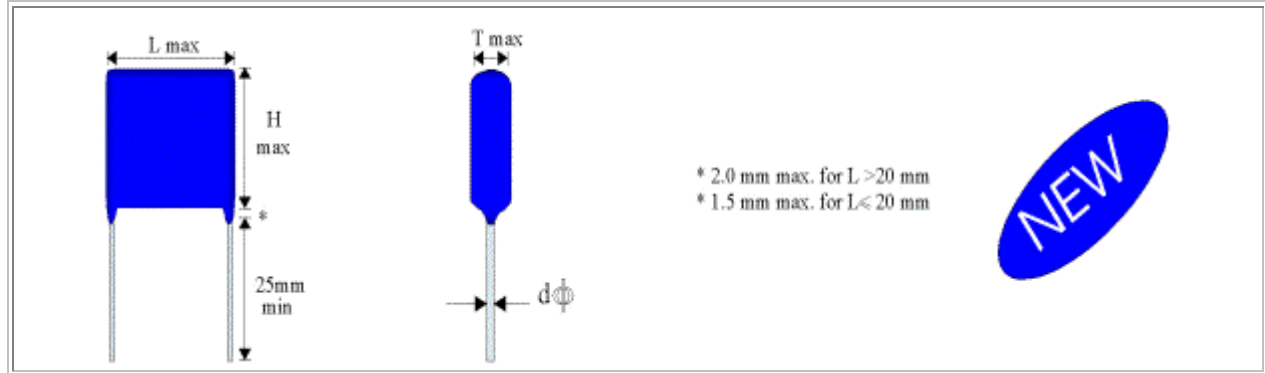


TYPE  
END

## METALLIZED POLYESTER CAPACITOR

NON-INDUCTIVE, MINIATURE SIZE, EPOXY DIP COATED,  
HIGH MOISTURE RESISTANCE



### APPLICATION

This type capacitor can be used in blocking, by passing, filtering, timing, interference suppression, low pulse applications.

### FEATURES

- \*This series is using special metallized polyester film, which makes the capacitor in small size.
- \*Self-healing property.
- \*Coated with flame retardant epoxy.

### GENERAL SPECIFICATION

#### 1. OPERATING TEMPERATURE:

-40°C to 85°C

#### 2. VOLTAGE RANGE:

100, 250, 400 and 630 VDC.

#### 3. CAPACITANCE RANGE:

0.01 to 10.0 Mfd.

#### 4. DIELECTRIC STRENGTH:

160% of rated voltage for 2 sec.

#### 5. CAPACITANCE TOLERANCE:

±5%, ±10% and ±20%.

#### 6. INSULATION RESISTANCE:

c < .33Mfd, R ≥ 9,000 Meg. Ohm at 25°C.

c ≥ .33Mfd, R<sub>c</sub> ≥ 3,000 Meg. Ohm × Mfd.

#### 7. DISSIPATION FACTOR:

1.0% max. at 1KHz 25°C.

Maximum pulse time (dv/dt)V/μsec

VDC	100 VDC			250 VDC			400 VDC			630 VDC		
Mfd	L	T	H	L	T	H	L	T	H	L	T	H
0.01										12.5	5.0	8.5
0.015										12.5	5.5	8.5
0.018										12.5	5.5	10.5
0.022										12.5	5.5	10.5
0.033										12.5	6.5	11.0
0.047							12.5	5.5	8.5	12.5	7.5	12.0
0.056							12.5	5.5	9.5	18.5	6.0	11.0
0.068							12.5	6.0	10.0	18.5	6.5	11.5
0.082							12.5	6.5	10.5	18.5	7.0	12.0
0.1							12.5	7.0	11.0	18.5	7.0	13.5
0.15							18.5	5.5	12.0	18.5	8.0	16.0
0.18				12.5	5.0	10.5	18.5	5.5	12.5	18.5	8.0	16.0
0.22				12.5	6.5	10.5	18.5	6.5	13.0	18.5	9.5	17.5
0.33				12.5	7.0	12.0	18.5	7.5	14.0	26.0	8.5	18.0
0.47				18.5	6.0	12.5	18.5	8.5	16.5	26.0	10.5	18.5
0.56	12.5	6.0	10.5	18.5	6.5	13.0	26.0	7.0	15.0	26.0	11.0	20.5
0.68	12.5	6.5	10.5	18.5	7.0	13.5	26.0	7.5	17.0	26.0	12.0	22.0
0.82	12.5	6.5	11.5	18.5	7.0	15.0	26.0	8.0	17.5	31.0	12.0	20.5
1.0	12.5	7.0	12.0	18.5	8.0	16.0	26.0	8.5	18.5	31.0	13.5	22.0
1.5	18.5	6.5	13.0	18.5	9.5	17.5	31.0	9.5	19.0	31.0	16.5	25.0
1.8	18.5	6.5	14.5	26.0	7.5	15.5	31.0	11.0	20.5	31.0	17.0	27.0
2.2	18.5	7.5	15.5	26.0	9.0	17.5	31.0	11.5	21.5	31.0	20.0	29.0
2.7	18.5	8.0	16.0	26.0	10.5	17.5						
3.3	18.5	9.0	16.5	26.0	11.0	19.5						
4.7	26.0	8.0	16.5	26.0	12.5	22.5						
5.6	26.0	9.0	17.0	31.0	13.0	21.5						
6.8	26.0	9.5	17.5	31.0	14.0	22.5						
8.2	26.0	10.0	20.0	31.0	15.5	24.0						
10	26.0	11.0	21.0	31.0	16.0	26.5						

VDC	S	10.0	15.0	22.5	27.5
100		6.0	3.0	2.0	1.0
250		11.0	7.0	5.0	3.0
400		20.0	10.0	8.0	5.0
630		30.0	15.0	12.0	7.0

L	12.5	18.5	26.0	31.0
S	10.0	15.0	22.5	27.5
dφ	0.6	0.8	0.8	0.8



**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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