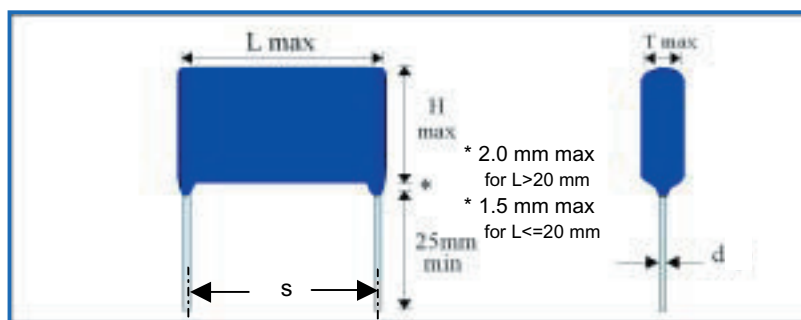


# METALLIZED POLYESTER CAPACITOR

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

- \* Special metallized polyester film is used for small size construction.
- \* Self-healing property.
- \* Coated with flame retardant epoxy.

VDC \ Mfd	100 VDC			250 VDC			400 VDC			630 VDC		
	L	T	H	L	T	H	L	T	H	L	T	H
0.010										12.5	5.0	8.5
0.015										12.5	5.5	8.5
0.018										12.5	5.5	10.0
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	18.0	6.0	11.0
0.068							12.5	6.0	10.0	18.0	6.5	11.5
0.082							12.5	6.5	10.5	18.0	7.0	12.0
0.10							12.5	7.0	11.0	18.0	7.0	13.5
0.15							18.0	5.5	12.0	18.0	8.0	16.0
0.18				12.5	5.0	10.5	18.0	5.5	12.5	18.0	8.0	16.0
0.22				12.5	6.5	10.5	18.0	6.5	13.0	18.0	9.5	17.5
0.33				12.5	6.5	12.0	18.0	7.5	14.0	26.0	8.5	18.0
0.47				18.0	6.0	12.5	18.0	8.5	16.5	26.0	10.5	18.5
0.56	12.5	6.0	10.0	18.0	6.5	13.0	26.0	7.0	15.0	26.0	11.0	20.5
0.68	12.5	6.5	10.5	18.0	7.0	13.5	26.0	7.5	17.0	26.0	12.0	22.0
0.82	12.5	6.5	11.5	18.0	7.0	15.0	26.0	8.0	17.5	31.0	12.0	20.5
1.0	12.5	7.0	12.0	18.0	8.0	16.0	26.0	8.5	18.5	31.0	13.5	22.0
1.5	18.0	6.5	13.0	18.0	9.5	17.5	31.0	9.5	19.0	31.0	16.5	25.0
1.8	18.0	6.5	14.5	26.0	7.5	15.5	31.0	11.0	20.5	31.0	17.0	27.0
2.2	18.0	7.5	15.5	26.0	9.0	17.5	31.0	11.5	21.5	31.0	20.0	29.0
2.7	18.0	8.0	16.0	26.0	10.5	17.5						
3.3	18.0	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						
10.0	26.0	11.0	21.0	31.0	16.0	26.5						

## GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:  
- 40 ~ + 85 degree C
2. VOLTAGE RANGE:  
100, 250, 400 and 630 VDC.
3. CAPACITANCE RANGE:  
0.01 ~ 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 degree C.  
C ≥ .33Mfd, RC ≥ 3,000 Meg. Ohm × Mfd.
7. DISSIPATION FACTOR:  
1.0% max. at 1KHz 25 degree C.

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

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
630	30.0	15.0	8.0	7.0

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