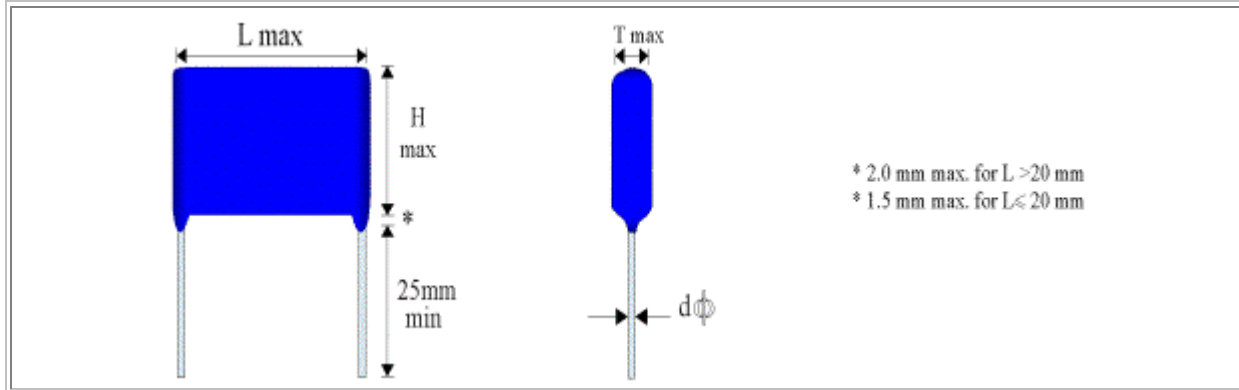


TYPE
EMD

METALLIZED POLYESTER CAPACITOR

NON-INDUCTIVE, EPOXY DIP COATED,
HIGH MOISTURE RESISTANCE



APPLICATION

General purpose.

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

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 ϕ	0.6	0.8	0.8	0.8

GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:

-40°C to 85°C

Derate DC voltage 1.5%/°C

above

85°C to 105°C

2. VOLTAGE RANGE:

100, 250, 400 and 630 VDC.

3. CAPACITANCE RANGE:

0.01 to 6.8 Mfd.

4. DIELECTRIC STRENGTH:

160% of rated voltage for 2 sec.

5. CAPACITANCE TOLERANCE:

\pm 5%, \pm 10% and \pm 20%.

6. INSULATION RESISTANCE:

c < .33Mfd, R \geq 15,000 Meg. Ohm at 25°C.

c \geq .33Mfd, R_c \geq 5,000 Meg. Ohm

× Mfd.

7. DISSIPATION FACTOR:

1.0% 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
0.010										12.5	5.5	10.0
0.015							12.5	5.0	9.5	12.5	6.0	10.0
0.022							12.5	5.0	9.5	12.5	6.5	11.0
0.033				12.5	5.0	9.0	12.5	5.5	10.5	18.0	6.0	11.0
0.047				12.5	5.0	9.5	12.5	6.0	10.5	18.0	6.5	11.5
0.068				12.5	5.0	9.5	18.0	6.0	10.5	18.0	7.0	12.5
0.10	12.5	5.0	9.5	12.5	5.5	10.0	18.0	6.5	11.5	26.0	7.0	13.0
0.15	12.5	5.0	10.0	18.0	5.5	10.5	26.0	6.0	12.5	26.0	8.5	14.0
0.22	12.5	5.5	10.0	18.0	6.5	11.5	26.0	7.0	13.5	26.0	10.0	16.5
0.33	18.0	5.5	10.5	18.0	7.0	12.5	26.0	8.5	15.5	31.0	10.5	17.5
0.47	18.0	6.0	11.5	26.0	7.0	12.5	26.0	9.5	18.0	31.0	12.0	19.5
0.68	18.0	6.5	12.0	26.0	8.0	14.5	31.0	10.0	17.5	31.0	15.0	22.5
1.0	18.0	7.5	14.0	26.0	9.0	16.0	31.0	12.0	20.0	31.0	17.5	28.0
1.5	26.0	7.5	14.5	31.0	9.5	17.0						
2.2	26.0	9.0	16.0	31.0	11.5	19.0						
3.3	26.0	11.0	19.0	31.0	14.0	23.0						
4.7	31.0	12.0	23.0									
6.8	31.0	14.0	25.0									



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