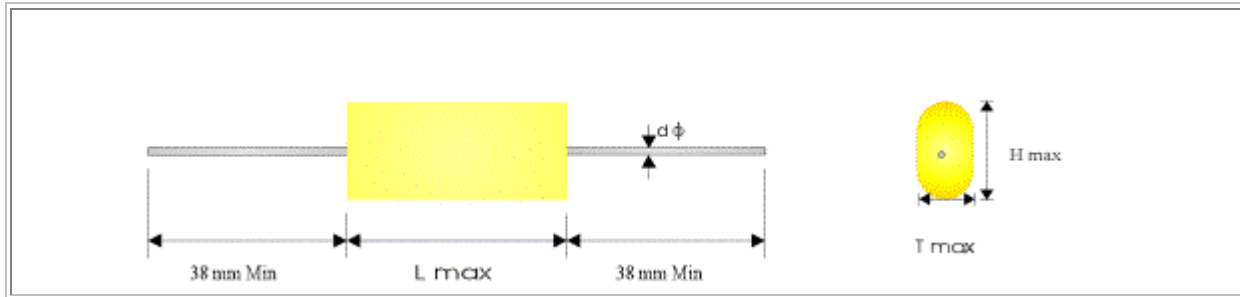


TYPE
EMF

METALLIZED POLYESTER CAPACITOR

AXIAL LEAD, WRAP & FILL, FLAT OVAL SHAPE



APPLICATION

*Widely used in communication and industrial equipments as critical coupling, by-passing and blocking.

FEATURES

*High reliability, high capacitance, high moisture resistance, and excellent electrical characteristics.

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

Lmax VDC	14.0	19.0	25.0	32.0	37.0	43.0	47.0
100	5.0	3.0	2.0	1.0	0.9	0.8	0.7
250	10.0	7.0	4.0	2.5	1.5	1.0	0.8
400	---	10.0	6.5	4.0	3.0	1.5	1.0
630	---	---	10.0	6.0	---	---	1.8

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

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:

0.1 to 18.0 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 \times 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
0.10	14.0	4.5	8.0	14.0	4.5	8.0	19.0	5.0	10.0	25.0	6.5	11.5
0.15	14.0	4.5	8.0	14.0	5.0	9.0	19.0	6.5	11.0	25.0	6.5	13.0
0.22	14.0	5.0	8.5	19.0	5.0	9.0	25.0	6.5	12.0	25.0	9.0	15.0
0.33	19.0	4.5	8.0	19.0	5.5	10.5	25.0	7.5	13.5	32.0	9.0	15.0
0.47	19.0	5.0	9.0	25.0	5.5	11.0	32.0	7.5	14.5	32.0	12.0	17.0
0.68	19.0	5.5	10.5	25.0	6.5	12.5	32.0	9.0	16.0	32.0	15.0	20.5
1.0	19.0	6.0	12.0	25.0	7.5	13.5	32.0	10.5	18.5	7.0	14.0	20.0
1.5	25.0	7.0	12.5	32.0	8.5	15.0	37.0	12.0	22.0	47.0	16.5	23.5
2.2	25.0	8.0	14.0	32.0	10.0	16.5	43.0	13.5	23.5	47.0	17.5	27.0
3.3	25.0	10.0	16.5	37.0	10.5	20.5	47.0	15.0	23.5	47.0	21.0	34.0
4.7	32.0	10.0	18.0	43.0	11.0	21.0	47.0	18.0	27.0			
6.8	32.0	11.0	21.0	47.0	14.0	23.0	47.0	22.0	34.0			
10.0	37.0	13.0	24.0	47.0	15.5	27.0						
12.0	43.0	13.5	26.0	47.0	17.5	31.0						
15.0	47.0	15.0	28.0									
18.0	47.0	18.0	31.0									



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