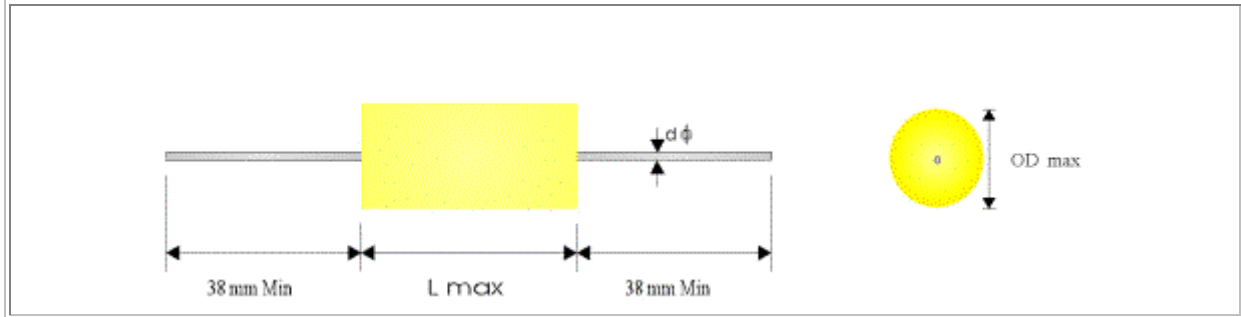


METALLIZED POLYCARBONATE CAPACITOR

TYPE
CMT

NON-INDUCTIVE, WRAP & FILL WITH
POLYESTER TAPE & EPOXY RESIN



APPLICATION

Design to use in various type of electric circuits of industrial and communication equipments.

FEATURES

- *High reliability and low T.C.
- *Available tape and reel package for auto-insertion.

OD	d φ
up to 8.0mm	0.6mm
over 8.0mm	0.8mm

GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:

-40°C to 85°C

2. RATED 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%.

±1% and ±2% available upon request.

6. INSULATION RESISTANCE:

c < .33Mfd, R ≥ 15,000 MΩ at 25 °C.

c ≥ .33Mfd, R_c ≥ 5,000 MΩ × Mfd.

7. DISSIPATION FACTOR:

0.4% max. at 1KHz 25°C.

VDC	L _{max}	10.5	14.0	19.0	27.0	32.0
100		5.0	5.0	3.0	2.0	1.0
250		-----	10.0	7.0	4.0	2.5
400		-----	13.5	10.0	6.5	4.0

VDC	100 VDC		250 VDC		400 VDC	
Mfd	OD	L	OD	L	OD	L
0.01					5.5	14.0
0.015					5.8	14.0
0.022					6.0	14.0
0.033			5.8	14.0	6.5	14.0
0.047	5.8	10.5	6.0	14.0	7.2	14.0
0.068	5.8	10.5	6.5	14.0	7.2	19.0
0.1	6.0	14.0	7.0	14.0	8.0	19.0
0.15	6.5	14.0	7.0	19.0	9.8	19.0
0.22	7.0	14.0	8.0	19.0	9.0	27.0
0.33	7.0	19.0	9.2	19.0	10.5	27.0
0.47	7.5	19.0	10.8	19.0	11.5	32.0
0.68	8.5	19.0	10.5	27.0	13.5	32.0
1.0	10.5	19.0	12.0	27.0	16.0	32.0
1.5	10.5	27.0	13.0	32.0		
2.2	11.8	27.0	15.5	32.0		
3.3	14.5	27.0				
4.7	15.5	32.0				
6.8	18.8	32.0				



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