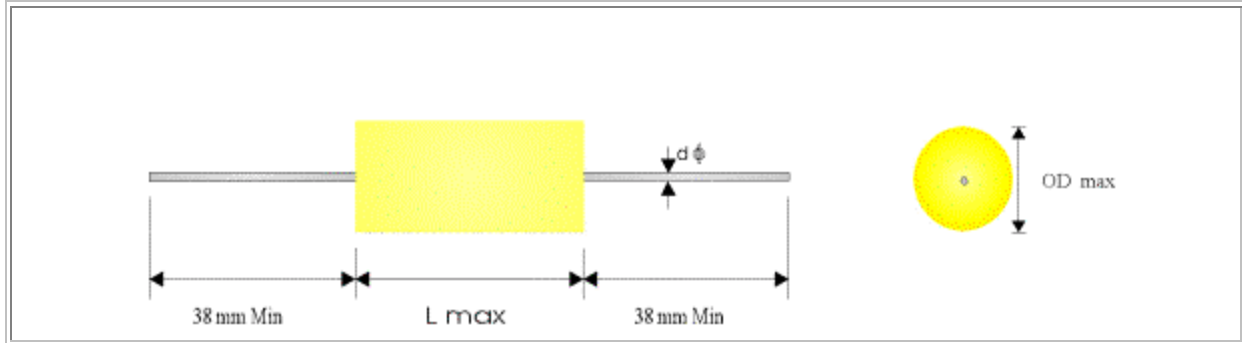


TYPE  
EMT

## METALLIZED POLYESTER CAPACITOR

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



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

Maximum pulse rise time (dv/dt) V /  $\mu$  sec

Lmax VDC	$\leq$ 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	13.5	10.0	6.5	4.0	3.0	1.5	---
630	20.0	15.0	10.0	6.0	---	---	1.8

### APPLICATION

Analog computer reference and low frequency tuned circuit. For communication and electronic industries.

### FEATURES

- \*High reliability.
- \*Miniature size and light weight.
- \*Available tape and reel package for auto-insertion.

### GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:  
-40°C to 85°C

VDC	100 VDC		250 VDC		400 VDC		630 VDC	
Mfd	OD	L	OD	L	OD	L	OD	L
0.010	5.0	10.5	5.0	10.5	5.5	14.0	6.0	14.0
0.015	5.0	10.5	5.0	10.5	5.5	14.0	6.5	14.0
0.022	5.0	10.5	5.0	10.5	5.5	14.0	7.0	14.0
0.033	5.0	10.5	5.0	10.5	6.0	14.0	6.5	19.0
0.047	5.5	10.5	5.5	14.0	7.0	14.0	7.5	19.0
0.068	5.5	10.5	5.5	14.0	6.5	19.0	8.5	19.0
0.100	6.0	10.5	6.0	14.0	7.5	19.0	9.5	25.0
0.150	6.0	14.0	7.0	14.0	8.5	19.0	10.5	25.0
0.220	6.5	14.0	7.0	19.0	8.5	25.0	10.5	32.0
0.330	7.5	14.0	8.0	19.0	10.0	25.0	11.5	32.0
0.470	7.0	19.0	9.5	19.0	11.0	32.0	14.0	32.0
0.680	8.0	19.0	9.5	25.0	13.0	32.0	17.0	32.0
1.0	9.5	19.0	10.5	25.0	15.5	32.0	20.5	32.0
1.5	9.5	25.0	11.5	32.0	17.5	32.0	19.5	47.0
2.2	11.5	25.0	13.5	32.0	18.5	37.0		
3.3	13.5	25.0	16.5	32.0	21.5	43.0		
4.7	14.0	32.0	18.0	37.0	25.5	43.0		
6.8	17.0	32.0	19.5	43.0				
8.2	18.0	32.0	20.5	47.0				
10.0	19.5	32.0	22.5	47.0				
12.0	20.5	37.0						
15.0	21.0	47.0						
18.0	24.0	47.0						

Derate DC voltage 1.5%/  
°C

85°C to 105°C

**2.VOLTAGE RANGE:**

100, 250, 400 and 630 VDC.

**3.CAPACITANCE RANGE:**

0.01 to 18.0 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

Meg. Ohm at 25°C.

c≥.33Mfd, RC≥5,000

Meg. Ohm × Mfd.

**7.DISSIPATION FACTOR:**

1.0% max. at 1KHz 25°C.