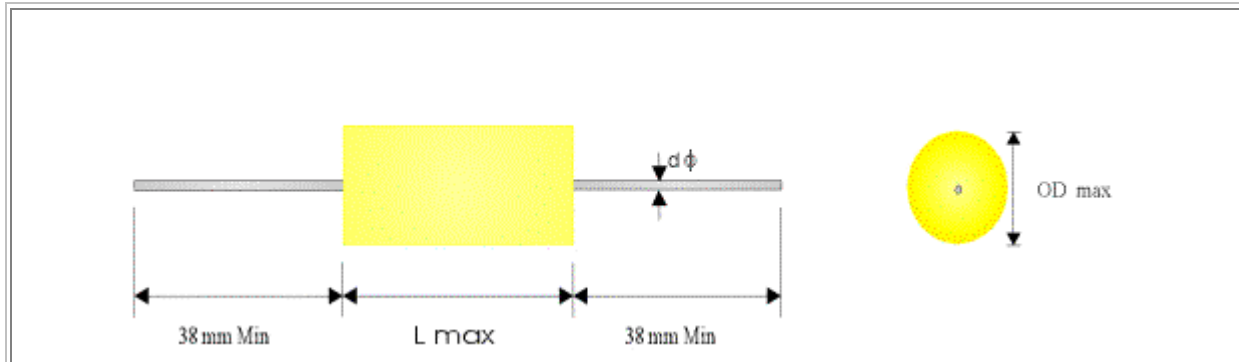


TYPE  
POT

## POLYESTER CAPACITOR

NON-INDUCTIVE, EXTENDED FOIL, WRAP AND FILL



### APPLICATION

\*Use in communication and industrial electronics as precision timing and oscillation circuit, signals coupling, by passing circuit.

### FEATURES

- \*Excellent long term stability and high reliability.
- \*Negative temperature coefficient can be used in critical circuits.
- \*Miniature size and light weight.
- \*Available tape and reel package for auto-insertion.

OD	d φ
up to 10mm	0.6mm
over 10mm	0.8mm

### 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, 630 and 1000

VDC.

#### 3. CAPACITANCE RANGE:

0.001 to 0.47 Mfd.

#### 4. DIELECTRIC STRENGTH:

250% of rated voltage for 5 sec.

#### 5. CAPACITANCE TOLERANCE:

±5%, ±10% and ±20%.

±1%, ±2% available upon

request.

#### 6. INSULATION RESISTANCE:

50,000 Meg. Ohm min. at 25°C.

#### 7. DISSIPATION FACTOR:

0.1% max. at 1KHz 25°C.

VDC	100 VDC		250 VDC		400 VDC		630 VDC		1000 VDC	
Mfd	OD	L	OD	L	OD	L	OD	L	OD	L
0.001	5.0	11.5	5.0	11.5	5.0	11.5	5.0	13.5	7.5	19.0
0.0015	5.0	11.5	5.0	11.5	5.0	11.5	5.0	13.5	8.0	19.0
0.0022	5.0	11.5	5.0	11.5	5.0	11.5	6.0	13.5	8.8	19.0
0.0033	5.0	11.5	5.0	11.5	6.0	13.5	7.0	16.0	9.5	19.0
0.0047	5.5	11.5	5.5	11.5	6.5	13.5	7.5	16.0	10.5	19.0
0.0068	6.0	11.5	6.0	11.5	7.0	13.5	7.5	19.0	11.5	19.0
0.01	6.5	11.5	6.5	13.5	7.5	16.0	8.5	19.0	11.5	27.0
0.015	6.5	13.5	7.0	16.0	8.5	16.0	10.0	23.0	12.5	27.0
0.022	7.0	13.5	7.5	16.0	9.5	16.0	11.0	27.0	14.0	27.0
0.033	7.5	16.0	7.5	19.0	9.5	19.0	12.0	32.0	14.0	37.0
0.047	7.5	19.0	8.5	19.0	10.5	19.0	13.0	32.0	16.0	37.0
0.068	8.5	19.0	9.0	23.0	10.5	23.0	14.0	32.0		
0.1	9.5	23.0	10.5	23.0	13.0	27.0	15.5	37.0		
0.15	11.0	27.0	12.5	27.0	13.0	32.0				
0.22	12.5	32.0	13.5	32.0	15.0	32.0				
0.33	14.0	32.0	15.0	32.0	17.0	37.0				
0.47	15.0	32.0								



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**Issue:** January - 2001