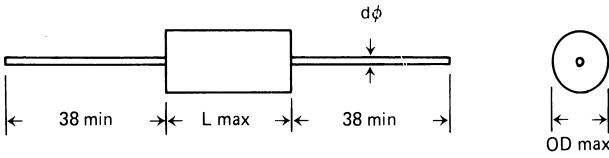


POLYPROPYLENE (OPP),NONINDUCTIVE, EXTENDED FOIL, WRAP AND FILL



APPLICATION

Use in communication & industrial electronics as precision timing & oscillation circuit, signal coupling, bypass 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.

SPECIFICATIONS

Performance Characteristics	
Operating Temperature Range	-40°C ~ +85°C.
Voltage Range	100, 250, 400, 630, 1000, 1500, & 2000VDC.
Withstanding Voltage (between leads) (25°C ± 5°C)	2.5 times rated voltage for 5 seconds.
Capacitance Range	330pF ~ 0.47μF.
Capacitance Tolerance	±1%, ±2%, ±5%, ±10%, & ±20%.
Maximum Dissipation Factor % (25°C)	0.1 @ 1KHz. 0.2 @ 100KHz, C - 0.01μF. 0.3 @ 100KHz, C - 0.1μF.
Minimum Insulation Resistance (25°C)	50000MΩ.

D	dØ
up to 10.0mm	0.6mm
over 10.0mm	0.8mm

PART NUMBERING

Part Number Example: 2001-250/104KF						
2001	-	250	/	104	K	F
Type		Rated DC Voltage		Capacitance Code (pF)*	Tolerance Code	RoHs Compliant

* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).

Cap. (μF)	100WVDC		250WVDC		400WVDC		600WVDC		1000WVDC		1500WVDC		2000WVDC	
	D	L	D	L	D	L	D	L	D	L	D	L	D	L
330pF											6.5	22.0	6.5	22.0
470pF											7.5	22.0	7.5	22.0
680pF											8.5	22.0	8.5	22.0
0.001	5.0	11.5	5.0	11.5	5.0	11.5	5.0	13.5	7.5	19.0	6.0	28.0	7.0	28.0
0.0015	5.0	11.5	5.0	11.5	5.0	11.5	5.0	13.5	8.0	19.0	7.5	28.0	8.5	28.0
0.0022	5.0	11.5	5.0	11.5	5.0	11.5	6.0	13.5	8.8	19.0	8.5	28.0	10.0	28.0
0.0033	5.0	11.5	5.0	11.5	6.0	13.5	7.0	16.0	9.5	19.0	10.0	28.0	12.0	28.0
0.0047	5.5	11.5	5.5	11.5	6.5	13.5	7.5	16.0	10.5	19.0	12.0	28.0	14.0	28.0
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						
0.10	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												

For smaller sizes, see Metallized Polypropylene Type 2101.