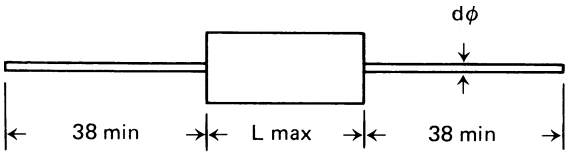
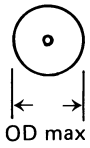
POLYESTER, POLYETHYLENE TEREPHTHALATE (PET) NON-INDUCTIVE, EXTENDED FOIL, WRAP AND FILL





APPLICATION

Used in telecommunication, instrumentation as signal coupling and decoupling, timing, delay and oscillator circuits.

FEATURES

- Excellent electrical characteristics and high reliability.
- Miniature size and light weight.
- Available tape and reel package for auto-insertion.

SPECIFICATIONS

Performance Characteristics	
Operating Temperature Range	-40°C ~ +85°C with voltage derating of 1.5%/°C between 85°C & 125°C.
Voltage Range	100, 200, 400, 600, & 1000VDC.
Withstanding Voltage (between leads)	2.5 times rated voltage for 5 seconds.
Capacitance Range	0.001μF ~ 1.0μF.
Capacitance Tolerance	±1%, ±2%, ±3%, ±5%, ±10%, & ±20%.
Maximum Dissipation Factor % (25°C, 1KHz)	0.75.
Minimum Insulation Resistance (25°C)	50000MΩ.

PART NUMBERING

Part Number Example: 801-100/104KF						
801	**-**	**100**	**/**	**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).						

Capacitance (μF)	WVDC									
	100		200		400		600		1000	
	D	L	D	L	D	L	D	L	D	L
0.001	4.5	11.5	4.5	11.5	4.5	11.5	5.0	14.0	6.5	16.0
0.0015	4.5	11.5	4.5	11.5	4.5	11.5	5.0	14.0	7.0	16.0
0.0022	4.5	11.5	4.5	11.5	4.5	11.5	5.5	14.0	6.5	19.0
0.0033	4.5	11.5	4.5	11.5	5.0	14.0	5.5	16.0	7.0	19.0
0.0047	5.0	11.5	5.0	11.5	6.0	14.0	6.5	16.0	8.0	19.0
0.0068	5.0	11.5	5.0	11.5	6.0	16.0	6.5	19.0	8.0	23.0
0.01	5.0	11.5	5.0	11.5	7.0	16.0	7.5	19.0	9.0	23.0
0.015	5.5	11.5	5.5	11.5	7.0	19.0	7.5	23.0	10.0	23.0
0.022	6.0	14.0	6.5	14.0	8.0	19.0	8.5	23.0	11.5	23.0
0.033	6.5	14.0	7.0	14.0	8.0	23.0	10.0	23.0	11.5	32.0
0.047	6.5	16.0	7.0	16.0	9.0	23.0	10.0	32.0	13.0	32.0
0.068	7.5	16.0	8.0	16.0	9.5	27.0	11.5	32.0	14.0	37.0
0.10	8.5	19.0	7.5	23.0	11.0	27.0	13.5	32.0		
0.15	8.5	23.0	9.0	23.0	12.5	32.0				
0.22	9.5	27.0	10.5	27.0	14.0	37.0				
0.33	10.5	32.0	11.5	32.0						
0.47	12.5	32.0	13.5	32.0						
0.68	14.5	32.0								
1.0	17.0	39.0								

D	dØ
up to 8.0mm	0.6mm
over 8.0mm	0.8mm