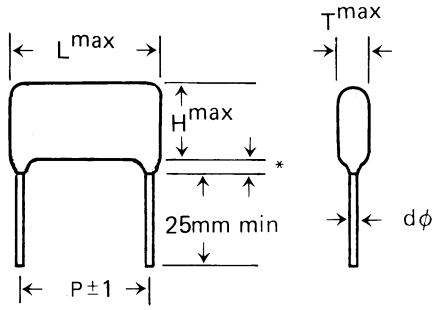
POLYPROPYLENE (OPP), NON-INDUCTIVE, EXTENDED FOIL, EPOXY DIP COATED



*2mm max. for L > 20 mm

*1.5mm max. for L ≤ 20 mm

APPLICATION

High frequency tuning, yoke coupling, voltage retrace in T.V. and monitor circuit. Recommended for electronic ballast applications.

FEATURES

- Very low dissipation factor, suitable for high frequency application.
- Negative temperature coefficient.
- High reliability and high insulation resistance.
- Specials available upon request.

SPECIFICATIONS

Performance Characteristics	
Operating Temperature Range	-40°C ~ +85°C.
Voltage Range	100, 250, 400, 630, & 1000VDC.
Withstanding Voltage (between leads) (25°C ± 5°C)	2.5 times rated voltage for 5 seconds.
Capacitance Range	0.001µF ~ 0.47µF.
Capacitance Tolerance	±1%, ±5%, ±10%.
Maximum Dissipation Factor % (25°C)	0.1 @ 1KHz. 0.2 @ 100KHz, C - 0.01µF. 0.3 @ 100KHz, 0.01 < C - 0.1µF.
Minimum Insulation Resistance (25°C)	50000MΩ.

L	13.0	19.0	24.0	31.0	35.0	40.0
P	10.0	15.0	20.0	27.0	30.0	35.0
dØ	0.6	0.8	0.8	0.8	0.8	0.8

PART NUMBERING

Part Number Example: 2014-250/104K20F							
2014	-	250	/	104	K	20	F
Type		Rated DC Voltage		Capacitance Code (pF)*	Tolerance Code	Lead Spacing	RoHs Compliant
* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).							

Cap. (µF)	100WVDC			250WVDC			400WVDC			630WVDC			1000WVDC		
	L	T	H	L	T	H	L	T	H	L	T	H	L	T	H
0.001	13.0	6.0	9.0	13.0	6.0	9.0	13.0	6.0	9.0	13.0	6.0	10.0	13.0	7.5	12.0
0.0022	13.0	6.0	9.0	13.0	6.0	9.0	13.0	6.0	9.0	13.0	7.0	10.0	13.0	8.5	13.5
0.0033	13.0	6.0	9.5	13.0	6.5	9.5	13.0	7.0	10.0	13.0	7.5	11.5	19.0	8.5	13.5
0.0047	13.0	6.0	9.5	13.0	7.0	10.0	13.0	7.5	11.0	13.0	8.0	12.5	19.0	9.5	14.0
0.0068	13.0	7.0	10.0	13.0	7.5	10.5	13.0	8.0	11.5	13.0	9.0	14.0	19.0	10.5	16.0
0.01	13.0	7.0	10.5	130	7.5	11.0	13.0	8.5	12.0	19.0	9.0	14.0	24.0	10.0	16.0
0.022	13.0	8.0	11.0	13.0	8.5	12.0	19.0	8.5	13.0	19.0	11.5	17.0	24.0	12.0	18.5
0.033	19.0	8.0	12.0	19.0	8.5	13.0	19.0	9.0	13.5	24.0	11.0	17.0	31.0	12.5	19.5
0.047	19.0	8.5	13.0	19.0	9.0	13.5	24.0	10.0	15.0	24.0	12.0	17.0	31.0	14.0	21.5
0.068	19.0	9.5	15.0	19.0	10.0	15.5	24.0	11.0	16.0	31.0	12.5	18.0	35.0	14.0	24.0
0.082	24.0	10.0	16.0	24.0	11.5	17.0	31.0	11.0	17.0	31.0	13.0	19.0	35.0	15.0	26.5
0.10	24.0	11.0	17.0	24.0	12.5	18.0	31.0	12.0	18.0	31.0	14.0	21.0	35.0	17.0	28.0
0.22	24.0	13.0	19.0	24.0	14.5	20.0	31.0	15.0	21.5						
0.33	31.0	14.0	21.0	31.0	15.0	22.0	40.0	15.5	22.0						
0.39	31.0	15.0	22.0	31.0	16.0	23.0	40.0	16.5	25.0						
0.47	31.0	16.0	23.0	31.0	17.0	24.0	40.0	17.5	27.0						

 Phone: (619) 398-9700 Fax: (619) 398-9777 Web Site: www.tecategroup.com