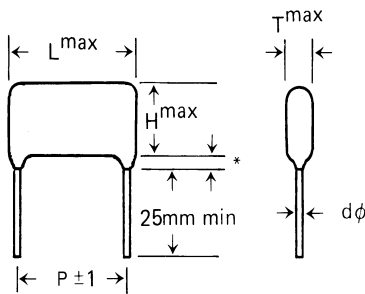


METALLIZED POLYPROPYLENE (OPP), NON-INDUCTIVE, EXTENDED FOIL, EPOXY COATED



*2mm max. for L > 20 mm

*1.5mm max. for L ≤ 20 mm

APPLICATION

Waveform shaping, delay & timing circuits for communications industries. Filtering and noise suppression in all commercial and industrial equipment.

FEATURES

- High reliability.
- Low losses and low ESR.
- Specials available upon request.

SPECIFICATIONS

Performance Characteristics	
Operating Temperature Range	-40°C ~ +85°C.
Voltage Range	250, 400, & 630VDC.
Withstanding Voltage (between leads)	1.5 times rated voltage for 5 seconds.
Capacitance Range	0.01µF ~ 2.2µF.
Capacitance Tolerance	±5%, ±10%, & ±20%.
Maximum Dissipation Factor % (25°C)	0.2 @ 1KHz (typical 0.1). 0.2 @ 10KHz, 0.01µF < C 0.1µF. 0.3 @ 10KHz, 0.1µF < C 1.0µF.
Minimum Insulation Resistance (25°C)	IR ≥ 30000MΩ (C < 0.33µF). IR ≥ 10000MΩ x µF (C ≥ 0.33µF).

PART NUMBERING

Part Number Example: 2114-250/104K10F

2114	-	250	/	104	K	10	F
Type		Rated AC (RMS) 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).

MAXIMUM PULSE RISE TIME (DV/DT) V/µSEC

WVDC	P			
	10.0	15.0	22.5	27.5
250	11	7	4	3
400	20	10	5.5	5
630	30	15	8	7

L	13.0	18.0	26.0
P	10.0	15.0	22.5
dφ	0.6	0.8	0.8

Cap. (µF)	250WVDC				400WVDC				630WVDC			
	L	T	H	P	L	T	H	P	L	T	H	P
0.01	13.0	5.0	9.0	10.0	13.0	5.0	9.0	10.0	13.0	5.5	9.5	10.0
0.015	13.0	5.0	9.0	10.0	13.0	5.0	9.5	10.0	13.0	6.5	10.5	10.0
0.022	13.0	5.0	9.0	10.0	13.0	5.5	10.5	10.0	13.0	7.0	11.5	10.0
0.033	13.0	5.5	9.0	10.0	13.0	6.5	11.0	10.0	18.0	7.0	11.5	15.0
0.047	13.0	5.5	9.5	10.0	13.0	7.5	12.5	10.0	18.0	8.5	13.5	15.0
0.068	13.0	6.0	10.5	10.0	18.0	6.5	12.5	15.0	18.0	9.5	15.5	15.0
0.10	13.0	7.0	11.0	10.0	18.0	7.5	13.5	15.0	26.0	8.5	15.5	22.5
0.15	18.0	7.0	12.0	15.0	26.0	7.5	14.5	22.5	26.0	9.5	17.5	22.5
0.22	18.0	7.5	12.5	15.0	26.0	8.5	15.5	22.5	31.0	10.0	17.0	27.5
0.33	18.0	8.5	14.0	15.0	26.0	10.0	17.5	22.5	31.0	13.0	21.5	27.5
0.47	26.0	8.5	15.0	22.5	31.0	10.0	18.0	27.5	31.0	15.5	24.5	27.5
0.68	26.0	9.5	17.0	22.5	31.0	12.5	21.5	27.5				
1.0	26.0	12.0	20.5	22.5	31.0	15.0	24.0	27.5				
1.5	31.0	13.0	20.5	27.5								
2.2	31.0	15.0	24.0	27.5								