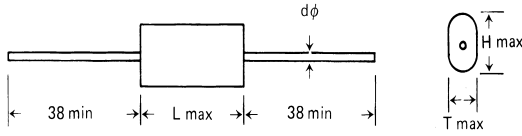


METALLIZED POLYPROPYLENE (OPP), NON-INDUCTIVE, FLAT OVAL SHAPE, WRAP & FILL



APPLICATION

Waveform shaping, delay & timing circuit for communication & electronic industries.

FEATURES

- High reliability and excellent long term stability.
- Very low dissipation factor.
- Suitable for pulse and high frequency application.

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 ~ 6.8μF.
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: 2102-250/104KF						
2102	-	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).						

MAXIMUM PULSE RISE TIME (D_V/D_T) V/μSEC

WVDC	P					
	14.0	19.0	25.0	32.0	37.0	47.0
250	10	7	4	2.5	1.5	0.8
400		10	6.5	4	3	1.0
630			10	6	4	2

L	14.0	19.0	25.0	32.0	37.0	47.0
dØ	0.6	0.6	0.8	0.8	0.8	1.0

μF	250WVDC			400WVDC			630WVDC		
	L	T	H	L	T	H	L	T	H
0.10	14.0	5.5	10.0	19.0	6.5	11.5	25.0	8.0	13.0
0.15	19.0	6.0	10.5	19.0	8.0	13.5	25.0	9.0	15.0
0.22	19.0	7.0	10.5	25.0	8.0	14.0	32.0	9.0	15.5
0.33	19.0	8.0	12.5	25.0	9.5	16.0	32.0	11.5	19.5
0.47	25.0	8.0	13.5	32.0	9.5	16.0	32.0	14.0	23.0
0.68	25.0	9.5	15.5	32.0	11.0	19.0	37.0	15.0	24.0
1.0	25.0	11.0	17.5	32.0	12.0	21.0	47.0	16.0	25.0
1.5	32.0	11.0	17.5	37.0	13.0	22.0	47.0	20.0	29.0
2.2	32.0	12.5	20.0	37.0	14.5	24.0	47.0	24.0	34.0
3.3	37.0	13.0	22.0	47.0	16.0	28.0			
4.7	37.0	15.0	25.0	47.0	22.0	34.0			
6.8	47.0	16.5	26.5						