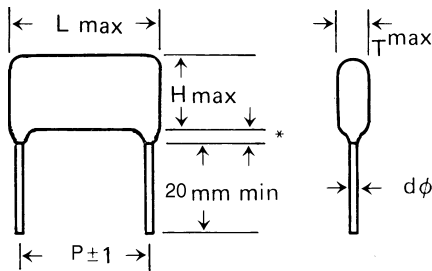


METALLIZED POLYESTER, POLYETHYLENE TEREPHTHALATE (PET) NON-INDUCTIVE, MINIATURE SIZE, EPOXY COATED



* 2mm maximum for L > 20mm.
* 1.5mm maximum for L ≤ 20mm.

APPLICATION

This type capacitor can be used in blocking, by passing, filtering, timing, interference suppression, low pulse applications.

FEATURES

- This series uses special metallized polyester film, which contributes to reducing the size.
- Self-healing property.
- Coated with flame retardant epoxy.

SPECIFICATIONS

Performance Characteristics	
Operating Temperature Range	-40°C ~ +85°C with voltage derating of 1.5%/°C between 85°C & 105°C.
Voltage Range	100, 250, 400, & 630 VDC.
Withstanding Voltage (between leads)	1.6 times rated voltage for 2 seconds.
Capacitance Range	0.01µF ~ 10.0µF.
Capacitance Tolerance	±5% & ±10%.
Maximum Dissipation Factor % (25°C, 1KHz)	1.0.
Minimum Insulation Resistance (25°C)	9000MΩ (C < 0.33µF). 3000MΩ x µF (C ≥ 0.33µF).

PART NUMBERING

Part Number Example: 914D-250/104K7F							
914D	-	250	/	104	K	7	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).

P	WVDC					
	5	7	10.0	15.0	22.5	27.5
100	5	5	6	3	2	1
250			11	7	4	3
400			20	10	5.5	5
630			30	15	8	7

Maximum pulse rise time (dv/dt) V/µsec.

L	7.5	10.5	12.5	18.5	26.0	31.0
P	5	7.5	10.0	15.0	22.5	27.5
dφ	0.5	0.6	0.6	0.8	0.8	0.8

Cap. (µF)	100WVDC			250WVDC			400WVDC			630WVDC		
	L	T	H	L	T	H	L	T	H	L	T	H
0.010	7.5	3.5	7.5	10.5	4.5	7.5	10.5	4.0	8.5	12.5	5.0	8.5
0.015	7.5	3.5	7.5	10.5	4.5	7.5	10.5	4.0	8.5	12.5	5.5	8.5
0.018	7.5	3.5	7.5	10.5	4.5	8.5	10.5	4.5	10.0	12.5	5.5	10.0
0.022	7.5	3.5	7.5	10.5	5.0	8.5	10.5	5.0	10.5	12.5	5.5	10.5
0.033	7.5	3.5	7.5	10.5	5.0	8.5	10.5	6.0	11.5	12.5	6.5	11.0
0.047	7.5	3.5	7.5	10.5	5.0	8.5	12.5	5.5	8.5	12.5	7.5	12.0
0.056	7.5	3.5	7.5	10.5	5.0	8.5	12.5	5.5	9.5	18.5	6.0	11.0
0.068	7.5	3.5	7.5	10.5	5.0	8.5	12.5	6.0	10.0	18.5	6.5	11.5
0.082	7.5	4.0	8.0	10.5	5.5	9.5	12.5	6.5	10.5	18.5	7.0	12.0
0.100	7.5	4.5	8.5	10.5	6.0	10.0	12.5	7.0	11.0	18.5	7.0	13.5
0.150	10.5	5.0	9.5	10.5	6.0	10.5	18.5	5.5	12.0	18.5	8.0	16.0
0.180	10.5	5.5	9.5	12.5	5.0	10.5	18.5	5.5	12.5	18.5	8.0	16.0
0.220	10.5	5.5	10.0	12.5	6.5	10.5	18.5	6.5	13.0	18.5	9.5	17.5
0.330	10.5	6.0	10.5	12.5	7.0	12.0	18.5	7.5	14.0	26.0	8.5	18.0
0.470	10.5	6.0	10.5	18.5	6.0	12.5	18.5	8.5	16.5	26.0	10.5	18.5
0.560	12.5	6.0	10.0	18.5	6.5	13.0	26.0	7.0	15.0	26.0	11.0	20.5
0.680	12.5	6.5	10.5	18.5	7.0	13.5	26.0	7.5	17.0	26.0	12.0	22.0
0.820	12.5	6.5	11.5	18.5	7.0	15.0	26.0	8.0	17.5	31.0	12.0	20.5
1.000	12.5	7.0	12.0	18.5	8.0	16.0	26.0	8.5	18.5	31.0	13.5	22.0
1.500	18.5	6.5	13.0	18.5	9.5	17.5	31.0	9.5	19.0	31.0	16.5	25.0
1.800	18.5	6.5	14.5	26.0	7.5	15.5	31.0	11.0	20.5	31.0	17.0	27.0
2.200	18.5	7.5	15.5	26.0	9.0	17.5	31.0	11.5	21.5	31.0	20.0	29.0
2.700	18.5	8.0	16.0	26.0	10.5	17.5						
3.300	18.5	9.0	16.5	26.0	11.0	19.5						
4.700	26.0	8.0	16.5	26.0	12.5	22.5						
5.600	26.0	9.0	17.0	31.0	13.0	21.5						
6.800	26.0	9.5	17.5	31.0	14.0	22.5						
8.200	26.0	10.0	20.0	31.0	15.5	24.0						
10.000	26.0	11.0	21.0	31.0	16.0	26.5						