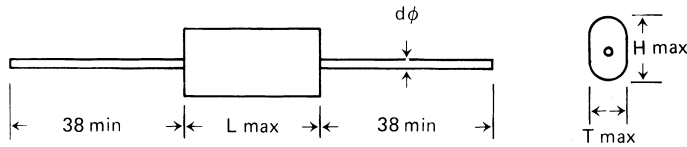


METALLIZED POLYESTER, POLYETHYLENE TEREPHTHALATE (PET) NON-INDUCTIVE, WRAP & FILL



APPLICATION

Widely used in communication & industrial equipment as critical coupling, bypassing and blocking.

FEATURES

- High reliability, high moisture resistance, and excellent electrical characteristics.
- Low dissipation factor.

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)	1.5 times rated voltage for 5 seconds.
Capacitance Range	0.1μF ~ 18.0μF.
Capacitance Tolerance	±5%, ±10%, & ±20%.
Maximum Dissipation Factor % (25°C, 1KHz)	1.0.
Minimum Insulation Resistance (25°C)	15000MΩ (< 0.33μF). 5000MΩ x μF (≥ 0.33μF).

PART NUMBERING

Part Number Example: 902-250/105KF

902	-	250	/	105	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).

L Max.	WVDC						
	14	19	25	32	37	43	47
100	5	3	2	1	0.9	0.8	0.7
250	10	7	4	2.5	1.5	1.0	0.8
400		10	6.5	4	3	1.5	1
630			10	6			1.8

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

L	14.0	19.0	25.0	32.0	37.0	43.0	47.0
dφ	0.6	0.6	0.8	0.8	0.8	0.8	1.0

Cap. (μF)	100WVDC			250WVDC			400WVDC			630WVDC		
	L	T	H	L	T	H	L	T	H	L	T	H
0.10	14.0	4.5	8.0	14.0	4.5	8.0	19.0	5.0	10.0	25.0	6.5	11.5
0.15	14.0	4.5	8.0	14.0	5.0	9.0	19.0	6.5	11.0	25.0	8.0	13.0
0.22	14.0	5.0	8.5	19.0	5.0	9.0	25.0	6.5	12.0	25.0	9.0	15.0
0.33	19.0	4.5	8.0	19.0	5.5	10.5	25.0	7.5	13.5	32.0	9.0	15.0
0.47	19.0	5.0	9.0	25.0	5.5	11.0	32.0	7.5	14.5	32.0	12.0	17.0
0.68	19.0	5.5	10.5	25.0	6.5	12.5	32.0	9.0	16.0	32.0	15.0	20.5
1.0	19.0	6.0	12.0	25.0	7.5	13.5	32.0	10.5	18.5	47.0	14.0	20.0
1.5	25.0	7.0	12.5	32.0	8.5	15.0	37.0	12.0	22.0	47.0	16.5	23.5
2.2	25.0	8.0	14.0	32.0	10.0	16.5	43.0	13.5	23.5	47.0	17.5	27.0
3.3	25.0	10.0	16.5	37.0	10.5	20.5	47.0	15.0	23.5	47.0	21.0	34.0
4.7	32.0	10.0	18.0	43.0	11.0	21.0	47.0	18.0	27.0			
6.8	32.0	11.0	21.0	47.0	14.0	23.0	47.0	22.0	34.0			
10.0	37.0	13.0	24.0	47.0	15.5	27.0						
12.0	43.0	13.5	26.0	47.0	17.5	31.0						
15.0	47.0	15.0	28.0									
18.0	47.0	18.0	31.0									