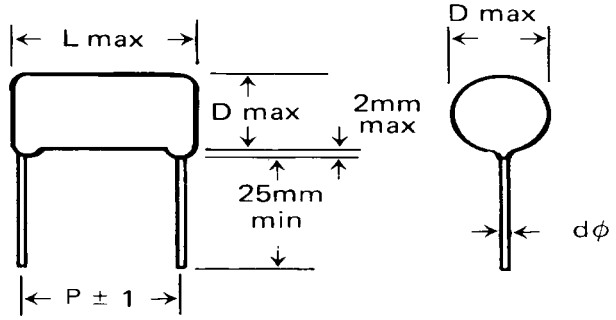
POLYPROPYLENE (OPP), EXTENDED FOIL, EPOXY COATED, PULSE APPLICATION



APPLICATION

Specifically designed for high current & pulse application in horizontal deflection circuit of TV's & Monitors.

FEATURES

- High reliability self-healing properties for high voltage application.
- Low ESR.

SPECIFICATIONS

Performance Characteristics	
Operating Temperature Range	-40°C ~ +85°C.
Voltage Range	1000 & 1500VDC ~ 2000VDC.
Withstanding Voltage (between leads) (25°C ± 5°C)	2.5 times rated voltage for 5 seconds.
Capacitance Range	0.001µF ~ 0.047µF.
Capacitance Tolerance	±3%, ±5%, & ±10%.
Maximum Dissipation Factor % (25°C)	0.1 @ 1KHz. 0.2 @ 100KHz, C - 0.01µF. 0.3 @ 100KHz, C - 0.1µF.
Minimum Insulation Resistance (25°C)	50000MΩ.
Corona Inception Voltage (60Hz)	500VAC.

PART NUMBERING

Part Number Example: 2013S-1K0/103K22F							
2013S	-	1K0	/	103	K	22	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).							

µF	0.001 - 0.0056	0.0068 - 0.1
VDC	VAC	
1000	400	450
1500	700	750
2000	700	750

MAXIMUM PULSE RISE TIME (VOLT/MICROSECOND)

WVDC	P			
	15	22	30	35
1000	2500	1500	800	
1500	3500	2800	1500	700
2000	4000	3200	1800	850

For pulses equal to rated voltage.

Cap. (µF)	1000WVDC				1500WVDC				2000WVDC			
	L	D	P	dØ	L	D	P	dØ	L	D	P	dØ
0.001	20.0	9.5	15.0	0.8	20.0	11.0	15.0	0.8	20.0	11.0	15.0	0.8
0.0015	20.0	10.5	15.0	0.8	20.0	12.0	15.0	0.8	20.0	12.0	15.0	0.8
0.0022	20.0	11.5	15.0	0.8	27.0	12.0	22.0	0.8	27.0	12.0	22.0	0.8
0.0033	20.0	12.5	15.0	0.8	27.0	13.5	22.0	0.8	27.0	13.5	22.0	0.8
0.0047	20.0	13.5	15.0	0.8	27.0	15.0	22.0	0.8	27.0	15.0	22.0	0.8
0.0068	20.0	14.5	15.0	0.8	35.0	15.0	30.0	1.0	35.0	15.0	30.0	1.0
0.01	27.0	14.0	22.0	0.8	35.0	16.5	30.0	1.0	35.0	16.5	30.0	1.0
0.015	27.0	15.0	22.0	0.8	35.0	18.0	30.0	1.0	35.0	18.0	30.0	1.0
0.022	27.0	16.0	22.0	0.8	40.0	19.0	35.0	1.0	40.0	19.0	35.0	1.0
0.033	35.0	17.0	30.0	1.0	40.0	20.5	35.0	1.0	40.0	20.5	35.0	1.0
0.047	35.0	18.0	30.0	1.0	40.0	23.0	35.0	1.0	40.0	23.0	35.0	1.0
0.056	35.0	18.5	30.0	1.0	40.0	24.0	35.0	1.0	40.0	24.0	35.0	1.0
0.068	35.0	20.0	30.0	1.0	40.0	27.0	35.0	1.0	40.0	27.0	35.0	1.0
0.082	35.0	22.0	30.0	1.0								
0.10	35.0	24.0	30.0	1.0								

Phone: (619) 398-9700 Fax: (858) 398-9777
Web Site: www.tecategroup.com