



APPLICATION

- This type capacitor can be used as a Snubber, in electronic lighting and SCR commutating circuits.
- Will work in high voltage and high frequency applications.

FEATURES

- This series uses polypropylene film dielectric and double sided metallized polyester film electrodes.,
- Self-healing property.

Performance Characteristics	
Operating Temperature Range	-40°C ~ +85°C with voltage derating of 1.5%/°C between 85°C & 105°C.
Voltage Range	630~2000vdc or 250~1000vac
Withstanding Voltage (between leads)	1.6 times rated voltage for 2 seconds.
Capacitance Range	0.001µF ~ 0.1 µF.
Capacitance Tolerance	±5%(J) ±10%(K) & ± 20%.(M)
Maximum Dissipation Factor % (25°C, 1KHz)	0.1% max @1kHz 25°C.
Minimum Insulation Resistance (25°C)	30000 Meg Ohm min @ 25°C

	L	18.0	26.5	32.0
S		15	22.5	27.5
dφ		0.8	0.8	0.8

P	15	22.5	27.5
630	1500	1100	
1200	2500	1800	
1600	6000	3000	
2000		3500	2100

PART NUMBERING

Part Number Example: 5124V-630/333K15F

5124V	-	630	/	333	K	15	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).

MFD	630VDC(250VAC)			1200VDC(500VAC)			1600VDC(750VAC)			2000VDC(1000VAC)		
	L	T	H	L	T	H	L	T	H	L	T	H
0.0010				18.0	5.0	11.0	18.0	5.0	11.0	26.5	6.0	15.0
0.0012				18.0	5.0	11.0	18.0	5.0	11.0	26.5	6.0	15.0
0.0015				18.0	5.0	11.0	18.0	5.0	11.0	26.5	6.0	15.0
0.0018				18.0	5.0	11.0	18.0	5.0	11.0	26.5	6.0	15.0
0.0022				18.0	5.0	11.0	18.0	6.0	12.0	26.5	6.0	15.0
0.0027				18.0	5.0	11.0	18.0	6.0	12.0	26.5	6.0	15.0
0.0033				18.0	6.0	12.0	18.0	7.5	13.5	26.5	6.0	15.0
0.0039				18.0	6.0	12.0	18.0	7.5	13.5	26.5	6.0	15.0
0.0047				18.0	6.0	12.0	18.0	8.5	14.5	26.5	6.0	15.0
0.0056				18.0	6.0	12.0	18.0	9.5	15.0	26.5	6.0	15.0
0.0068				18.0	7.5	13.5	18.0	10.0	16.5	26.5	7.0	16.5
0.0082				18.0	7.5	13.5	18.0	11.0	19.0	26.5	7.0	16.5
0.010	18.0	5.0	11.0	18.0	7.5	13.5	26.5	7.0	16.0	26.5	8.5	17.0
0.012	18.0	5.0	11.0	18.0	7.5	13.5	26.5	7.0	16.0	26.5	10.0	19.0
0.015	18.0	5.0	11.0	18.0	7.5	13.5	26.5	8.5	17.0	26.5	10.0	19.0
0.018	18.0	6.0	12.0	18.0	7.5	13.5	26.5	10.0	19.0	26.5	13.0	22.0
0.022	18.0	6.0	12.0	18.0	8.5	14.5	26.5	10.0	19.0	26.5	13.0	22.0
0.027	18.0	7.5	13.5	18.0	8.5	14.5	26.5	11.0	20.0	32.0	13.0	22.0
0.033	18.0	7.5	13.5	26.5	8.5	17.0	26.5	14.0	23.0	32.0	13.0	22.0
0.039	18.0	8.5	14.5	26.5	8.5	17.0	26.5	14.0	23.0	32.0	15.0	24.5
0.047	18.0	9.5	15.0	26.5	8.5	17.0						
0.056	18.0	10.0	16.5	26.5	10.0	19.0						
0.068	18.0	11.0	19.0	26.5	10.0	19.0						
0.082	26.5	8.5	17.0	26.5	11.0	20.0						
0.10	26.5	11.0	20.0									