

SERIES POLYPROPYLENE FILM CAPACITOR - PPS

EXTENDED FOIL, FLAME RETARDANT EPOXY COATED

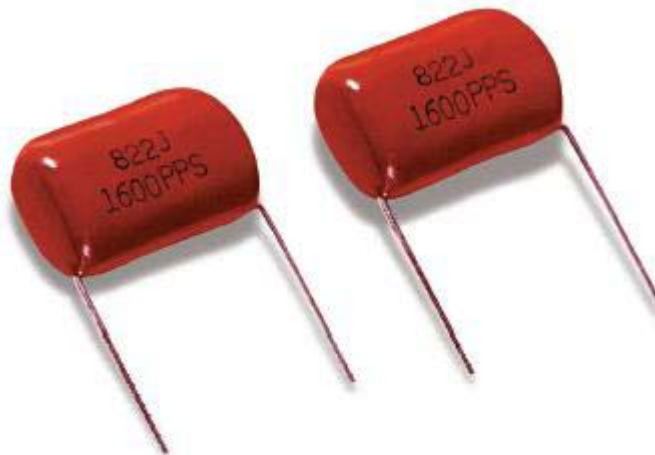
TS09

FEATURES

- Ideal for high AC current applications, such as CRT deflection for R-F generators and pulse-forming networks.
- Temperature Coefficient is negative and variety linear over the operation temperature.
- Coated with flame retardative epoxy resin which provides from humidity and mechanical damage.

SPECIFICATIONS

OPERATING TEMPERATURE	-40°C TO + 85°C
RATED VOLTAGE	DC 1000V, 1500V and 2000V
CAPACITANCE RANGE	0.001 TO 0.15Mfd
CAPACITANCE TOLERANCE	±3%, ±5%, ±10%
TOLERANCE	Please refer to following table.
CORONA FREE VOLTAGE	50,000MΩ
INSULATION RESISTANCE	0.001 (AT 1KHz)
DISSIPATION FACTOR	250% of rated voltage for 5 sec.
DIELECTRIC STRENGTH	



CORONA FREE VOLTAGE: VAC min (at 60Hz)

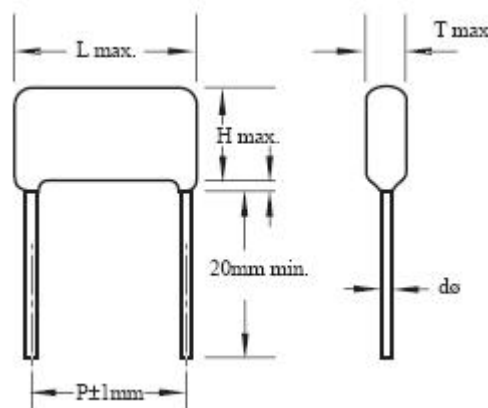
VDC Mfd	0.001-0.0047	0.0068-0.15
1000	400	450
1500	700	750

Maximum pulse rise time (volt/micro-second)

VDC S	15.0	22.0	30.0	35.0
1000	2500	1500	800	
1500	3500	2800	1500	700

for pulses equal to the rated voltage.

VDC Mfd	1000 VDC			1500 / 1600 VDC			2000 VDC		
	L	T	H	L	T	H	L	T	H
0.001	19.0	6.0	14.0	26.0	6.0	13.0	26.0	7.0	14.5
0.0015	19.0	6.5	14.5	26.0	7.0	14.5	26.0	8.0	16.0
0.0022	19.0	7.0	15.0	26.0	8.0	16.0	26.0	9.0	19.0
0.0033	19.0	7.5	16.0	26.0	9.0	18.0	26.0	10.5	22.0
0.0068	19.0	8.0	17.0	26.0	11.0	20.0	35.0	10.5	23.0
0.0047	26.0	10.0	19.0	26.0	12.0	22.0	35.0	13.0	25.0
0.01	26.0	11.0	20.0	35.0	12.0	23.0	35.0	15.0	27.0
0.015	26.0	12.0	21.0	35.0	14.0	26.0	35.0	18.0	31.0
0.022	26.0	13.0	22.0						
0.033	26.0	14.0	24.0						
0.047	35.0	17.0	26.0						
0.068	35.0	17.0	26.0						
0.1	35.0	19.0	32.0						
0.15	35.0	21.0	34.0						



L mm	19.0	26.0	35.0
P mm	15.0	22.5	32
dφ	0.8	0.8	0.5