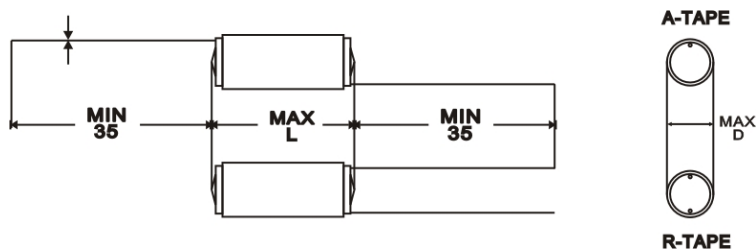


Polystyrene film capacitor (PSIR & PSIA)



Features

- 1 • Low DF (Dissipation Factor) and high IR (Insulation Resistance).
- 2 • Low Temperature Coefficient.
- 3 • Small Dissipation Factor.
- 4 • High stability of capacitance and DF versus temperature and frequency.
- 5 • Electrode and lead are spot welded series resistance is minimized.
- 6 • High precision of capacitance is available.
- 7 • Excellent environmental performance.
- 8 • Ideal for commercial, industrial, and measuring instruments applications in high frequency circuits.

CATALOG NUMBERING SYSTEM

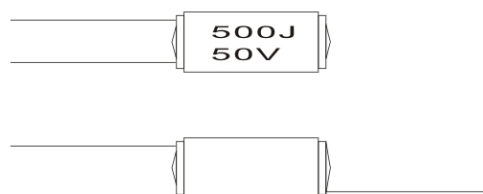
Capacitance tolerance

G=±2% H=±2.5% J=±5% K=±10%

Rated voltage

Nominal capacitance :

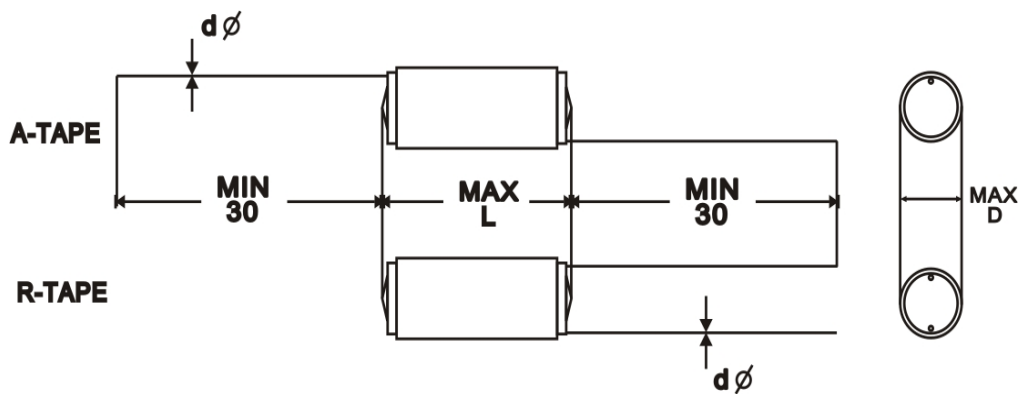
This is described in PF



POLYSTYRENE FILM CAPACITORS

Item		Specification
1	Operating Temperature Range	-40°C ~ +70 °C
2	Capacitance Range	100PF – 22000PF
3	Capacitance Tolerance	F= ±1%,G=±2%,H=±2.5%, J = ±5%,K=±10%,M=±20%
4	Rated Voltage (RV)	50,100,160,250,400,630, VDC
5	Testing Voltage (TV)	RV×2 for 60 sec
6	Dissipation Factor (DF) (at 1KHZ 25°C)	C ≥ 330 PF DF < 0.1% C < 330 PF Q > 1000
7	Insulation Resistance(IR) (at 100VDC 25°C)	IR ≥ 100,000MΩ MIN
8	Humidity Test	Condition 40°C,95±2%, for 96±4hrs
		Cap.drift ±2% MAX. of initial C
		IR(25°C) IR ≥ 80,000MΩ MIN
9	Load Life Test	Condition 85°C , RV×1.5,for 1000hrs
		Cap.drift ±2% MAX. of initial C
		IR(25°C) IR ≥ 50,000MΩ MIN

Polystyrene film capacitor (PSIR & PSIA)



DIMENSION

Unit:mm

VCD C SIZE (PF)	$\leq 50\text{VDC}$			160~250VDC			500~630VDC		
	D	L	$d\phi$	D	L	$d\phi$	D	L	$d\phi$
100	5.7	12.0	0.4	5.7	12.0	0.4	6.0	12.0	0.4
120	5.5	12.0	0.4	5.5	12.0	0.4	5.7	12.0	0.4
150	5.3	12.0	0.4	5.3	12.0	0.4	5.7	12.0	0.4
180	5.0	12.0	0.4	5.0	12.0	0.4	5.5	12.0	0.4
220	5.0	12.0	0.4	5.0	12.0	0.4	5.5	12.0	0.4
270	5.0	12.0	0.4	5.0	12.0	0.4	5.5	12.0	0.4
330	5.0	12.0	0.4	5.0	12.0	0.4	6.0	12.0	0.4
390	5.0	12.0	0.4	5.0	12.0	0.4	6.0	12.0	0.4
470	5.0	12.0	0.4	5.0	12.0	0.4	6.5	12.0	0.4
560	5.0	12.0	0.4	5.0	12.0	0.4	6.5	12.0	0.4
680	5.0	12.0	0.4	5.0	12.0	0.4	7.0	12.0	0.4
820	5.0	12.0	0.4	5.0	12.0	0.4	7.0	12.0	0.4
1000	5.0	12.0	0.4	5.5	12.0	0.4	7.5	12.0	0.4
1200	5.0	12.0	0.4	5.5	12.0	0.4	7.5	15.0	0.4
1500	5.2	12.0	0.4	6.0	12.0	0.4	7.8	15.0	0.4
1800	5.3	12.0	0.4	6.0	12.0	0.4	8.0	15.0	0.4
2200	5.5	12.0	0.4	6.5	12.0	0.4	8.2	16.0	0.4
2700	5.5	12.0	0.4	6.5	12.0	0.4	8.5	16.0	0.4
3300	5.5	12.0	0.4	7.0	15.0	0.4	9.0	16.0	0.4
3900	5.8	12.0	0.4	7.0	15.0	0.4			
4700	6.0	14.0	0.4	7.5	15.0	0.4			
5600	6.5	14.0	0.4	7.8	15.0	0.4			
6800	6.7	14.0	0.4	8.0	15.0	0.4			
8200	7.0	14.0	0.4	8.3	15.0	0.4			
9100	7.5	14.0	0.4	8.5	15.0	0.4			
10000	7.5	14.0	0.4	8.5	15.0	0.4			
15000	9.0	15.0	0.4						
22000	9.0	16.0	0.4						

PLEASE CONTACT US FOR SPECIAL CAEE SIZE OR ITEMS NOT LISTED