



POLYSTYRENE FILM CAPACITOR

Type: PSA & PSR (Inductive)

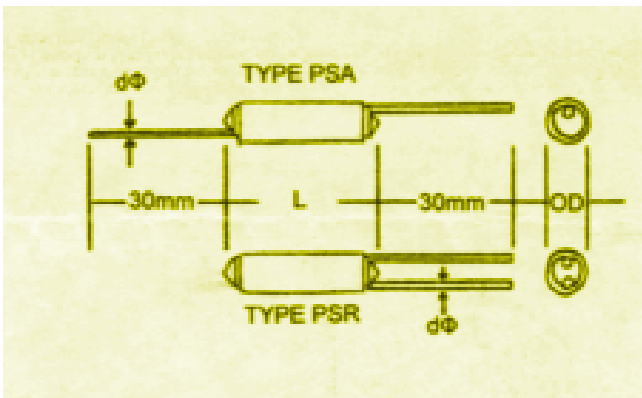
PSA & PSR are constructed with polystyrene film dielectric aluminum foil electrode, tinned copper lead in inductive type. They are ideal for use in commercial, industrial, measuring instruments and audio circuits.

FEATURES:

- High precision of capacitance.
- Low dissipation factor and low ESR.
- High insulation resistance.
- High stability of capacitance and DF VS temperature and frequency.

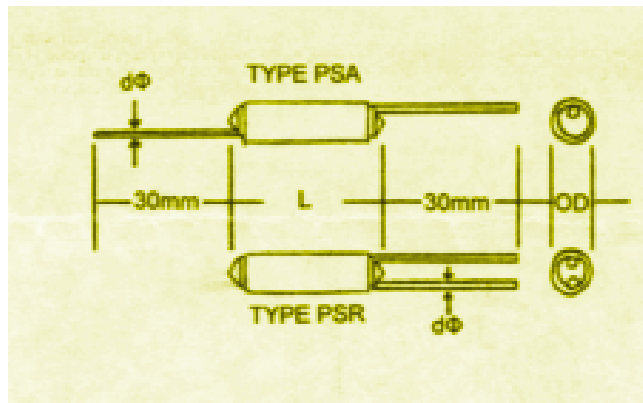
SPECIFICATION:

1. OPERATING TEMPERATURE: -40°C~+85°C
2. CAPACITANCE RANGE: 56 PF ~ 10000 PF
3. CAPACITANCE TOLERANCE: $\pm 1\%$ (F), $\pm 2\%$ (G), $\pm 3\%$ (H), $\pm 5\%$ (J), $\pm 10\%$ (K)
4. RATED VOLTAGE: 50VDC, 63VDC, 160VDC, 630VDC
5. DISSIPATION FACTOR: 0.1% MAX. AT 1KHz, 25°C
6. INSULATION RESISTANCE: $\geq 100000\text{M}\Omega$



ORDER CODE

DIALECTIC	LEAD TYPE	CAPACITANCE	CAPACITANCE TOLERANCE	WORKING VOLTAGE DC
PS = Polystyrene	R = Radial A = Axial	250 = 25 pF 251 = 250 pF 252 = 2500 pF 103 = 10000 pF	F = +/- 1% G = +/- 2% H = +/- 3% J = +/- 5% K = +/- 10%	50V 63V 160V 630V



Unit: mm

RV SIZE CAP(PF)	50VDC/63VDC			160VDC			630VDC			RV SIZE CAP(PF)	50VDC/63VDC			160VDC			630VDC		
	OD	L	dφ	OD	L	dφ	OD	L	dφ		OD	L	dφ	OD	L	dφ	OD	L	dφ
56	5.5	12.0	0.4	5.5	12.0	0.4	5.5	12.0	0.4	820	6.0	12.0	0.4	6.5	12.0	0.4	6.5	17.0	0.4
68	5.5	12.0	0.4	5.5	12.0	0.4	5.5	12.0	0.4	1000	6.0	12.0	0.4	6.5	17.0	0.4	7.0	17.0	0.4
82	5.5	12.0	0.4	5.5	12.0	0.4	5.5	12.0	0.4	1200	6.0	12.0	0.4	6.5	17.0	0.4	7.5	17.0	0.4
100	5.5	12.0	0.4	5.5	12.0	0.4	5.5	12.0	0.4	1500	6.5	13.0	0.4	6.5	17.0	0.4	7.5	21.0	0.4
120	5.5	12.0	0.4	5.5	12.0	0.4	5.5	12.0	0.4	1800	6.5	13.0	0.4	7.0	17.0	0.4	8.0	21.0	0.4
150	5.5	12.0	0.4	5.5	12.0	0.4	6.0	12.0	0.4	2200	6.5	12.0	0.4	7.0	17.0	0.5	8.0	22.0	0.4
180	5.5	12.0	0.4	5.5	12.0	0.4	6.0	12.0	0.4	2700	7.0	12.0	0.4	7.0	17.0	0.5	8.5	22.0	0.4
220	5.5	12.0	0.4	5.5	12.0	0.4	6.0	12.0	0.4	3300	7.0	12.0	0.4	7.5	19.0	0.5	9.0	24.0	0.5
270	5.5	12.0	0.4	5.5	12.0	0.4	6.0	12.0	0.4	3900	7.5	12.0	0.4	7.5	19.0	0.5	9.5	24.0	0.5
330	5.5	12.0	0.4	5.5	12.0	0.4	6.5	12.0	0.4	4700	8.0	12.0	0.4	8.0	19.0	0.5	10.0	24.0	0.5
390	5.5	12.0	0.4	5.5	12.0	0.4	6.5	12.0	0.4	5600	8.5	12.0	0.4	9.0	19.0	0.5	11.0	24.0	0.5
470	5.5	12.0	0.4	5.5	12.0	0.4	6.5	12.0	0.4	6800	9.0	12.0	0.4	9.5	19.0	0.5	11.0	24.0	0.5
560	5.5	12.0	0.4	5.5	12.0	0.4	6.5	17.0	0.4	8200	9.5	12.0	0.4	9.5	22.0	0.5	12.0	24.0	0.5
680	5.5	12.0	0.4	5.5	12.0	0.4	6.5	17.0	0.4	10000	10.0	12.0	0.4	10.5	22.0	0.5	13.0	24.0	0.5

Size info subject to change without notice

Actual Dimensions of 630 Volt Polystyrene Capacitors

Inventory of JustRadios - Capacitors & Resistors (Authorized Dealer)

pF / Tol.	Dia. (OD)	Length (L)	Lead Dia. (d)
	(+/- 1mm)	(+/- 1mm)	(+/- 0.05mm)
10pF 10%	5.5	11.0	0.4

12pF 10%	5.5	11.0	0.4
15pF 10%	5.5	11.0	0.4
18pF 10%	5.5	11.0	0.4
20pF 10%	5.5	11.0	0.4
22pF 5%	5.5	11.0	0.4
25pF 5%	5.5	11.0	0.4
27pF 5%	5.5	11.0	0.4
30pF 5%	5.5	11.0	0.4
33pF 5%	5.5	11.0	0.4
39pF 5%	5.5	11.0	0.4
47pF 5%	5.5	11.0	0.4
50pF 5%	5.5	11.0	0.4
56pF 5%	5.5	11.0	0.4
68pF 5%	5.5	11.0	0.4
82pF 5%	5.5	11.0	0.4
100pF 5%	5.5	11.0	0.4
110pF 5%	5.5	11.0	0.4
120pF 5%	5.5	11.0	0.4
150pF 5%	5.5	11.0	0.4
180pF 5%	5.5	11.0	0.4
200pF 5%	5.5	11.0	0.4
220pF 5%	5.5	11.0	0.4
240pF 5%	5.5	11.0	0.4
250pF 5%	5.5	11.0	0.4
270pF 5%	5.5	11.0	0.4
330pF 5%	5.5	11.0	0.4
350pF 5%	5.5	11.0	0.4
360pF 5%	5.5	11.0	0.4
390pF 5%	5.5	11.0	0.4
400pF 5%	5.5	13.0	0.4
430pF 5%	5.5	13.0	0.4
470pF 5%	5.5	13.0	0.4
500pF 5%	5.5	13.0	0.4
560pF 5%	5.5	13.0	0.4
620pF 5%	5.5	13.0	0.4
680pF 5%	6.0	13.0	0.4

750pF 5%	6.0	13.0	0.4
820pF 5%	6.0	13.0	0.4
910pF 5%	6.0	13.0	0.4
1000pF 5%	6.0	13.0	0.4
1200pF 5%	7.0	13.0	0.4
1500pF 5%	7.5	14.0	0.4
1800pF 5%	7.5	14.0	0.4
2000pF 5%	9.0	14.0	0.4
2200pF 5%	9.0	12.0	0.4
2700pF 5%	10.0	14.0	0.4
3300pF 5%	10.0	12.0	0.4
3900pF 5%	8.0	16.0	0.4
4700pF 5%	10.0	16.0	0.4
5000pF 5%	10.0	16.0	0.4
5600pF 5%	10.0	16.0	0.4
6800pF 5%	10.0	16.0	0.4
8200pF 5%	12.0	16.0	0.4
10000pF 5%	13.5	18.0	0.4
1% Precision			
100pF 1%	5.5	11.0	0.4
120pF 1%	5.5	11.0	0.4
150pF 1%	5.5	11.0	0.4
180pF 1%	5.5	11.0	0.4
200pF 1%	5.5	11.0	0.4
220pF 1%	5.5	11.0	0.4
250pF 1%	5.5	11.0	0.4
270pF 1%	5.5	11.0	0.4
300pF 1%	5.5	11.0	0.4
330pF 1%	5.5	11.0	0.4
390pF 1%	5.5	11.0	0.4
470pF 1%	5.5	11.0	0.4
500pF 1%	5.5	13.0	0.4
560pF 1%	5.5	13.0	0.4
680pF 1%	6.0	13.0	0.4
820pF 1%	6.0	13.0	0.4

1000pF 1%	6.0	13.0	0.4
1200pF 1%	7.0	13.0	0.4
1300pF 1%	7.0	13.0	0.4
1500pF 1%	7.5	13.0	0.4
1600pF 1%	7.5	13.0	0.4
1800pF 1%	7.5	13.0	0.4
2000pF 1%	9.0	13.0	0.4
2200pF 1%	9.0	13.0	0.4
2400pF 1%	8.0	13.0	0.4
2500pF 1%	8.0	13.0	0.4
2700pF 1%	9.0	13.0	0.4
3000pF 1%	9.0	13.0	0.4
3300pF 1%	9.0	13.0	0.4
3600pF 1%	9.0	13.0	0.4
3900pF 1%	9.0	13.0	0.4
4000pF 1%	10.0	13.0	0.4
4300pF 1%	10.0	13.0	0.4
4700pF 1%	10.0	16.0	0.4
5000pF 1%	10.0	16.0	0.4
5100pF 1%	11.0	16.0	0.4
5600pF 1%	11.5	14.0	0.4
6000pF 1%	11.0	14.0	0.4
6200pF 1%	11.0	14.0	0.4
6800pF 1%	12.5	14.0	0.4
7000pF 1%	12.5	14.0	0.4
7500pF 1%	13.0	14.0	0.4
8000pF 1%	13.5	14.0	0.4
8200pF 1%	13.5	14.0	0.4
9000pF 1%	13.5	14.0	0.4
9100pF 1%	13.5	16.0	0.4
10000pF 1%	13.5	16.0	0.4

The above prepared by D. Cantelon of JustRadios (January 2025)

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