

Polypropylene Film Capacitor (Axial Tubular)

How To Order

Series: PPT Part No.

PPT 102 K 101 A B S1

Capacitance 10PF=100 100PF=101 1000PF=102 1NF=1000PF =102 1UF=1000000PF =105	Tolerance B=0.1PF C=0.25PF D=0.5PF G=2% J=5% K=10% Z=+80%/-20% M=20%	Voltage 10V=100 50V=500 500V=501 1000V=102 2KV=2000V =202	Type R=Radial Type A=Axial Type	Packing B=Bulk T=Tape for Reel/Box
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(S1 means special spec. Standard goods is without it.)

Description: PPT 1000PF 10% 100V AXIAL BULK.

Note:

The normal packing of Polypropylene Film Capacitor – Axial Tubular PPT is BULK.

S= Special spec., such as leg length, pitch size. Show special need here.

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Type: PPT (Axial Tubular)

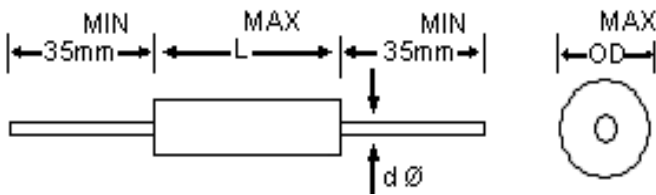
PPT are constructed with polypropylene film dielectric, aluminum foil electrode, copper-ply lead, outer wrapt by polyester film tape and ends sealed by epoxy resin. They are ideal for use in communication and industrial electronics as precision timing and oscillation circuit, signals coupling, bypassing circuit.

FEATURES:

- Negative temperature coefficient can be used in critical circuits.
- Excellent long term stability and high reliability.

SPECIFICATION:

1. OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.
2. CAPACITANCE RANGE: $0.001\mu\text{F} \sim 0.47\mu\text{F}$.
3. CAPACITANCE TOLERANCE: $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M).
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC.
5. DISSIPATION FACTOR: 0.1% MAX. AT 1KHz 25°C .
6. INSULATION RESISTANCE: $>30,000\text{M}\Omega$ ($C \leq 0.1\mu\text{F}$)
 $>3,000\text{M}\Omega \cdot \mu\text{F}$ ($C > 0.1\mu\text{F}$)



Unit: mm

RV SIZE CAP(μF)	100VDC			250VDC			400VDC			630VDC		
	OD	L	d Ø	OD	L	d Ø	OD	L	d Ø	OD	L	d Ø
0.001	5.0	14.0	0.6	5.0	14.0	0.6	5.0	14.0	0.6	5.0	14.0	0.6
0.0015	5.0	14.0	0.6	5.0	14.0	0.6	5.0	14.0	0.6	7.0	14.0	0.6
0.0022	5.0	14.0	0.6	5.0	14.0	0.6	5.0	14.0	0.6	7.0	14.0	0.6
0.0033	5.0	14.0	0.6	5.0	14.0	0.6	6.0	14.0	0.6	7.0	14.0	0.6
0.0047	6.0	14.0	0.6	6.0	14.0	0.6	7.0	14.0	0.6	8.0	14.0	0.6
0.0068	6.0	14.0	0.6	6.0	14.0	0.6	8.0	14.0	0.6	8.0	16.0	0.6
0.01	6.0	14.0	0.6	7.0	14.0	0.6	8.0	16.0	0.6	10.0	16.0	0.6
0.015	7.0	14.0	0.6	7.0	16.0	0.6	9.0	16.0	0.6	9.0	21.0	0.8
0.022	7.0	14.0	0.6	8.0	16.0	0.6	10.0	16.0	0.6	11.0	21.0	0.8
0.033	8.0	14.0	0.6	10.0	16.0	0.6	12.5	21.0	0.8	13.0	21.0	0.8
0.047	9.0	16.0	0.6	10.0	21.0	0.6	14.0	21.0	0.8	13.0	27.0	0.8
0.068	11.0	16.0	0.6	11.0	21.0	0.8	12.0	27.0	0.8	15.0	27.0	0.8
0.1	10.0	21.0	0.8	12.0	27.0	0.8	14.0	27.0	0.8	16.0	32.0	0.8
0.15	12.0	21.0	0.8	14.0	27.0	0.8	17.0	27.0	0.8	18.0	32.0	0.8
0.22	13.0	27.0	0.8	16.0	27.0	0.8	18.0	32.0	0.8			
0.33	15.0	27.0	0.8	15.0	32.0	0.8	20.0	32.0	0.8			
0.47	16.0	32.0	0.8	19.0	32.0	0.8						