

Polypropylene Film Capacitor (Radial Dipped)

How To Order

Series: PPN Part No.

PPN	<u>102</u>	K	<u>500</u>	<u>R</u>	<u>B</u>	<u>S1</u>
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	

(S1 means special spec. Standard goods is without it.)

Description: PPL 1000PF 10% 50V RADIAL BULK.

Note:

The normal packing of Polypropylene Film Capacitor PPN is BULK.

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

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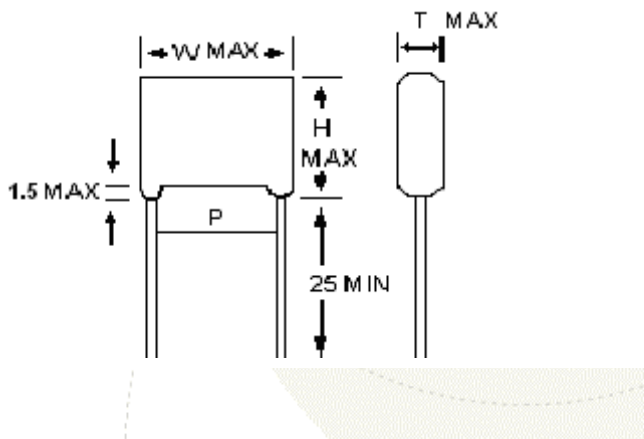
PPN are constructed with polypropylene film dielectric aluminum foil electrode, copper-ply lead and epoxy resin in non-inductive type. They are suitable for blocking, by-pass coupling, temperature compensation and ideal for use in telecommunication equipments, data processing equipments, industrial instruments, automatic control system and other general electronic equipments.

FEATURES:

- Low dissipation factor and high insulation resistance.
- High stability of capacitance and DF versus temperature and frequency.
- Low equivalent series resistance.
- Non-inductive construction.

SPECIFICATION:

1. OPERATING TEMPERATURE: -40°C~+85°C.
2. CAPACITANCE RANGE: 0.001uF~0.47uF.
3. CAPACITANCE TOLERANCE: $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M).
4. RATED VOLTAGE: 250VDC, 400VDC, 630VDC.
5. DISSIPATION FACTOR: 0.1% MAX.
6. INSULATION RESISTANCE: $>15,000M\Omega$ ($C \leq 0.33\mu F$)
 $>5,000 M\Omega \cdot \mu F$ ($C > 0.1\mu F$)



Unit: mm

RV	250VDC					400VDC					630VDC				
	W	H	T	P±1	d ∅	W	H	T	P±1	d ∅	W	H	T	P±1	d ∅
0.001	11.0	10.0	6.0	7.5	0.6	15.0	13.0	7.0	7.5	0.6	15.0	13.0	7.0	7.5	0.6
0.0015	11.0	10.0	6.0	7.5	0.6	15.0	13.0	7.0	7.5	0.6	15.0	13.0	7.0	7.5	0.6
0.0022	11.0	10.0	6.0	7.5	0.6	15.0	13.0	7.0	7.5	0.6	15.0	13.0	8.0	10.0	0.6
0.0033	11.0	10.0	6.0	7.5	0.6	15.0	13.0	7.0	10.0	0.6	15.0	13.0	8.0	10.0	0.6
0.0047	11.0	10.0	6.0	7.5	0.6	15.0	13.0	7.0	10.0	0.6	15.0	13.0	9.0	10.0	0.6
0.0068	11.0	10.0	6.0	7.5	0.6	15.0	13.0	7.0	10.0	0.6	20.0	12.0	9.0	15.0	0.8
0.01	11.0	10.0	6.0	7.5	0.6	15.0	14.0	9.0	10.0	0.6	20.0	15.0	11.0	15.0	0.8
0.015	13.0	12.0	8.0	10.0	0.6	15.0	14.0	9.0	10.0	0.6	20.0	18.0	14.0	15.0	0.8
0.022	13.0	14.0	9.0	10.0	0.6	20.0	14.0	9.0	15.0	0.6	20.0	18.0	14.0	15.0	0.8
0.033	20.0	15.0	9.0	15.0	0.6	20.0	14.0	9.0	15.0	0.6	20.0	21.0	14.0	15.0	0.8
0.047	20.0	15.0	9.0	15.0	0.6	20.0	18.0	12.0	15.0	0.8	21.0	21.0	16.0	15.0	0.8
0.068	20.0	15.0	12.0	15.0	0.8	27.0	18.0	12.0	20.0	0.8	27.0	21.0	12.0	27.5	20.0
0.1	20.0	18.0	12.0	15.0	0.8	27.0	20.0	12.0	20.0	0.8	31.0	21.0	14.0	27.5	0.8
0.15	27.0	18.0	14.0	20.0	0.8	27.0	20.0	14.0	20.0	0.8	31.0	21.0	18.0	27.5	0.8
0.22	27.0	18.0	14.0	20.0	0.8	27.0	24.0	18.0	20.0	0.8	31.0	28.0	18.0	27.5	0.8
0.33	31.0	24.0	18.0	27.5	0.8	32.0	27.0	21.0	27.5	0.8					
0.47	31.0	24.0	18.0	27.5	0.8	32.0	27.0	21.0	27.5	0.8					