

Polypropylene Film Capacitors



PPN

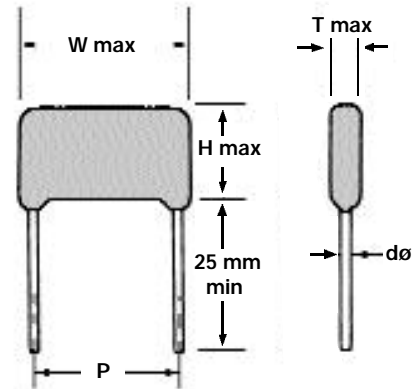
PPN are non-inductively wound with Polypropylene film dielectric and aluminum foil electrode with copper-clad steel leads and are epoxy resin coated. They are suitable for blocking, by-pass coupling and temperature compensation for applications in telecommunication, data processing, industrial instrumentation and automatic control system equipment.

Features:

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

Specifications:

- Operating Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Capacitance Range: $.001\mu\text{F} \sim .47\mu\text{F}$
- Capacitance Tolerance: J ($\pm 5\%$), K ($\pm 10\%$), M ($\pm 20\%$)
- Rated Voltage: 50/100VDC, 250VDC, 400VDC, 630VDC
- Dissipation Factor: 0.1%Max at 1 KHz, 25°C
- Insulation Resistance: $>30000\text{M} (\text{C} < .1\mu\text{F})$
 $>3000\text{M} -\mu\text{F} (\text{C} > .1\mu\text{F})$



Unit: mm

CAP μF	R.V. CAP μF Size	50VDC/100VDC					250VDC					400VDC					630VDC				
		W	H	T	P ± 1	dø	W	H	T	P ± 1	dø	W	H	T	P ± 1	dø	W	H	T	P ± 1	dø
102	.001	10.5	9.5	5	7	0.6	10.5	9.5	5	7	0.6	14	8.5	5.5	10	0.6	14	8.5	5.5	10	0.6
152	.0015	10.5	9.5	5.5	7	0.6	10.5	9.5	5.5	7	0.6	14	9.5	6	10	0.6	14	9.5	6	10	0.6
222	.0022	10.5	9.5	5.5	7	0.6	10.5	9.5	5.5	7	0.6	14	9.5	6	10	0.6	14	10	6.5	10	0.6
332	.0033	10.5	9.5	5.5	7	0.6	10.5	9.5	5.5	7	0.6	14	9.5	6	10	0.6	14	10.5	6.5	10	0.6
472	.0047	10.5	9.5	5.5	7	0.6	10.5	9.5	5.5	7	0.6	14	9.5	6	10	0.6	14	12	6.5	10	0.6
682	.0068	10.5	9.5	5.5	7	0.6	10.5	9.5	5.5	7	0.6	14	10	6.5	10	0.6	19	12	7.5	15	0.8
103	.01	10.5	10	6.5	7	0.6	10.5	10	6.5	7	0.6	14	12	7.5	10	0.6	20	12.5	7.5	15	0.8
153	.015	14	10	6.5	10	0.6	14	10	6.5	10	0.6	14	13.5	8	10	0.6	20	14.5	8	15	0.8
223	.022	14	10	6.5	10	0.6	14	12	7	10	0.6	19	12	7.5	15	0.6	21	16.5	9	15	0.8
333	.033	19	11.5	6.5	15	0.6	19	11.5	6.5	15	0.6	19	14	8.5	15	0.6	21	19	11	15	0.8
473	.047	19	11.5	6.5	15	0.6	19	13	7.5	15	0.6	20	15.5	9.5	15	0.8	26	18	11.5	22.5	0.8
683	.068	19	12	6.5	15	0.6	19	14	9	15	0.8	26	16.5	9	22.5	0.8	31	19	11	27.5	0.8
104	.1	19	15	8.5	15	0.8	20	16	10	15	0.8	26	18.5	11	22.5	0.8	31	22	12.5	27.5	0.8
154	.15	26	15	8	22.5	0.8	26	18	10.5	22.5	0.8	26	21	14	22.5	0.8	31	25.5	15.5	27.5	0.8
224	.22	26	17.5	10	22.5	0.8	26	21	13	22.5	0.8	31	22	14.5	27.5	0.8	31	27.5	16	27.5	0.8
334	.33	31	18	10	27.5	0.8	31	21	13	27.5	0.8	31	26	18.5	27.5	0.8					
474	.47	31	20	12	27.5	0.8	31	23.5	15.5	27.5	0.8	31	28	20.5	27.5	0.8					



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Characteristics Reference Permissible AC Voltage V Frequency

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