POLYPROPYLENE FILM CAPACITORS
PND Series: Non-Inductive, Film Foil

INTRODUCTION

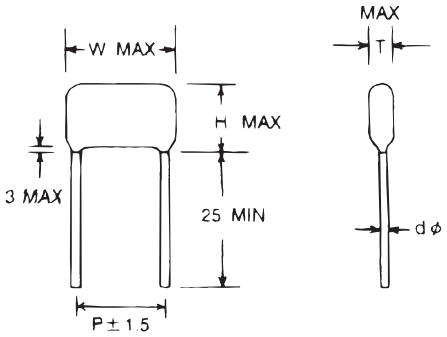
PND Series are constructed with polypropylene film dielectric, aluminum foil electrode, non-inductive forming, copperply lead, epoxy resin coating. Suitable for blocking, by-pass, coupling, temperature compensation, and ideal for use in telecommunication equipment, data processing equipment, industrial equipment, automatic control systems, and other general electronic equipment.

FEATURES

- Low dissipation factor
- High insulation resistance
- High capacitance and dissipation factor stability
- Low equivalent series resistance (ESR)
- Non-inductive construction
- Flame retardant epoxy resin coating (compliant to 94V-0)

SPECIFICATIONS

Type	Performance
Operating Temperature Range	-40°C ~ +85°C
Capacitance Range	0.001μF ~ .47 μF
Capacitance Tolerance	±5% (J), ±10% (K), ±20% (M)
Rated Voltage	50VDC, 100VDC, 250VDC, 400VDC, 630VDC
Dissipation Factor	0.1% max at 1KHz, 25°C
Insulation Resistance	C<0.33 μF, >30 000MΩ C≥0.33 μF, >10 000MΩ • μF



DIMENSIONS

F	W. V. Code	50VDC/100VDC W	H	T	P	d	250VDC W	H	T	P	d	400VDC W	H	T	P	d	630 VDC W	H	T	P	d
0.0010	102	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6
0.0015	152	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	7.0	7.0	0.6
0.0018	182	11.0	10.0	7.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	7.0	7.0	0.6
0.0022	222	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	14.0	10.0	6.0	10.0	0.6
0.0033	332	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	14.0	11.0	7.0	10.0	0.6
0.0039	392	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.5	8.0	10.0	0.6
0.0047	472	11.0	10.0	6.5	7.0	0.6	11.0	10.0	6.5	7.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	12.0	7.0	10.0	0.6
0.0056	562	11.0	10.5	7.0	7.0	0.6	11.0	10.5	7.0	7.0	0.6	14.0	11.0	7.0	10.0	0.6	20.0	12.0	7.5	15.0	0.6
0.0068	682	11.0	10.5	7.0	7.0	0.6	11.0	10.5	7.0	7.0	0.6	14.0	11.0	7.0	10.0	0.6	20.0	13.0	8.0	15.0	0.6
0.0100	103	11.0	11.0	7.0	7.0	0.6	11.0	11.0	7.0	7.0	0.6	14.0	12.0	7.5	10.0	0.6	20.0	14.0	8.0	15.0	0.6
0.0150	153	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	20.0	12.0	7.5	15.0	0.6	20.0	15.0	9.0	15.0	0.6
0.0220	223	14.0	12.0	7.5	10.0	0.6	14.0	12.0	7.5	10.0	0.6	20.0	13.0	9.0	15.0	0.6	20.0	17.0	10.0	15.0	0.6
0.0330	333	14.0	13.5	8.0	10.0	0.6	20.0	13.0	8.0	15.0	0.6	20.0	15.0	9.5	15.0	0.6	26.0	17.0	10.0	21.0	0.8
0.0470	473	14.0	13.5	9.0	10.0	0.6	20.0	14.0	9.0	15.0	0.6	26.0	16.0	8.0	21.0	0.8	26.0	19.0	12.0	21.0	0.8
0.0560	563	20.0	13.0	8.0	15.0	0.6	20.0	15.0	10.0	15.0	0.6	26.0	17.0	9.0	21.0	0.8	26.0	20.0	13.0	21.0	0.8
0.0680	683	20.0	14.0	9.0	15.0	0.6	20.0	16.0	10.0	15.0	0.6	26.0	18.0	10.0	21.0	0.8	26.0	22.0	14.0	21.0	0.8
0.1000	104	20.0	16.0	10.0	15.0	0.6	20.0	18.0	10.0	15.0	0.8	26.0	20.0	11.0	21.0	0.8	32.0	22.0	13.0	27.0	0.8
0.1500	154	20.0	18.0	11.0	15.0	0.8	26.0	18.0	11.0	21.0	0.8	32.0	23.0	12.0	27.0	0.8					
0.1800	184	26.0	16.0	9.0	21.0	0.8	26.0	21.0	12.0	21.0	0.8	32.0	23.0	13.0	27.0	0.8					
0.2200	224	26.0	18.0	11.0	21.0	0.8	32.0	20.0	13.0	27.0	0.8										
0.2700	274	26.0	19.0	11.0	21.0	0.8	32.0	22.0	13.0	27.0	0.8										
0.3300	334	32.0	21.0	12.0	27.0	0.8	32.0	23.0	13.0	27.0	0.8										
0.3900	394	32.0	22.0	12.0	27.0	0.8	32.0	23.0	13.0	27.0	0.8										
0.4700	474	32.0	24.0	14.0	27.0	0.8	32.0	27.0	16.0	27.0	0.8										

PART NUMBER EXAMPLE

PND 103 K 2E

RFE International • Tel:(949) 833-1988 • Fax:(949) 833-1788 • E-Mail Sales@rfeinc.com

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