POLYPROPYLENE FILM CAPACITORS
PNT Series: Axial Leaded Tubular

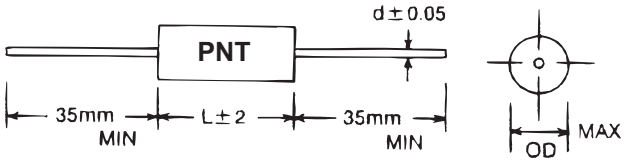
RFE INTERNATIONAL

INTRODUCTION

PNT Series are constructed with polypropylene film dielectric, aluminum foil electrode, copperply lead, outer wrapping with polyester film tape and ends sealed by epoxy resin. They are ideal for use in communication & industrial electronics as precision timing & oscillating circuits, signal coupling and bypass circuits.

FEATURES

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



PART NUMBER EXAMPLE

PNT 104 K 2G

SPECIFICATIONS

Type	Performance
Operating Temperature Range	-40°C ~ +85°C
Capacitance Range	0.001 μF ~ 0.47 μF
Capacitance Tolerance	±5% (J), ±10% (K), ±20% (M)
Rated Voltage	100, 250, 400 & 630VDC
Dissipation Factor	0.1% max at 1KHz, 25°C
Insulation Resistance	>30,000M (C≤0.1 F) >3,000M × F (C>0.1 F)

DIMENSIONS in mm

	W.V	100VDC (2A)			250 VDC (2E)			400VDC (2G)			630VDC (2J)		
μF	Code	OD	L	d	OD	L	d	OD	L	d	OD	L	d
0.0010	102	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	152	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	222	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	332	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	472	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	682	6.0	14.0	0.6	6.0	14.0	0.6	8.0	14.0	0.6	8.0	16.0	0.6
0.0100	103	6.0	14.0	0.6	7.0	14.0	0.6	8.0	16.0	0.6	10.0	16.0	0.6
0.0150	153	7.0	14.0	0.6	7.0	16.0	0.6	9.0	16.0	0.6	9.0	21.0	0.8
0.0220	223	7.0	14.0	0.6	8.0	16.0	0.6	10.0	16.0	0.6	11.0	21.0	0.8
0.0330	333	8.0	14.0	0.6	10.0	16.0	0.6	12.5	21.0	0.8	13.0	21.0	0.8
0.0470	473	9.0	16.0	0.6	10.0	21.0	0.6	14.0	21.0	0.8	13.0	27.0	0.8
0.0680	683	11.0	16.0	0.6	11.0	21.0	0.8	12.0	27.0	0.8	15.0	27.0	0.8
0.1000	104	10.0	21.0	0.8	12.0	27.0	0.8	14.0	27.0	0.8	16.0	32.0	0.8
0.1500	154	12.0	21.0	0.8	14.0	27.0	0.8	17.0	27.0	0.8	18.0	32.0	0.8
0.2200	2224	13.0	27.0	0.8	16.0	27.0	0.8	18.0	32.0	0.8			
0.3300	334	15.0	27.0	0.8	15.0	32.0	0.8	20.0	32.0	0.8			
0.4700	474	16.0	32.0	0.8	19.0	32.0	0.8						