

INTRODUCTION

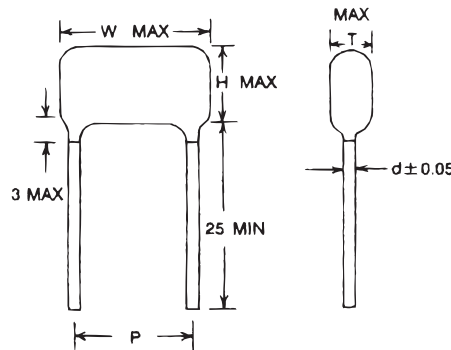
PMD series are constructed with metalized polypropylene film dielectric, copperplated lead and flame retardant epoxy resin coating. Suitable blocking, by-pass, coupling, decoupling, filtering, timing, tuning, temperature compensation and ideal for use in telecommunication equipment, industrial instruments, automatic control systems and other general electronic equipment.

FEATURES

- Low dissipation factor and high insulation resistance
- High capacitance and dissipation factor stability
- Non-inductive construction
- Self-healing
- Flame retardant epoxy resin coating (compliant to UL 94V-0)

SPECIFICATIONS

Type	Performance
Operating Temperature Range	-40°C ~ +85°C
Capacitance Range	0.001μF ~ 3.3 μF
Capacitance Tolerance	±5%(J), ±10%(K), ±20%(M)
Rated Voltage	100VDC, 250VDC, 400VDC 630VDC
Dissipation Factor	0.1% max, at 1KHz, 25°C
Insulation Resistance	C≤0.33 F, >30000MΩ C>0.33 F, ≥10000MΩ • μF



(Can be box encapsulated. See PME series.)

DIMENSIONS

F	W.V CODE	100VDC					250VDC					400VDC					630VDC				
		W	H	T	P±1	d	W	H	T	P±1	d	W	H	T	P±1	d	W	H	T	P±1	d
0.0010	102	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6
0.0015	152	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6
0.0022	222	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6
0.0033	332	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6
0.0047	472	11.0	10.0	6.0	7.5	0.6	14.0	11.0	6.0	7.5	0.6	14.0	11.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6
0.0068	682	11.0	10.0	6.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6
0.0100	103	11.0	10.0	6.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.8	14.0	11.0	7.0	10.0	0.6
0.0150	153	11.0	10.0	6.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.8	14.0	13.0	7.0	10.0	0.6
0.0220	223	11.0	10.0	6.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.8	20.0	13.0	7.0	15.0	0.6
0.0330	333	11.0	10.0	6.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	12.0	8.0	10.0	0.8	20.0	13.0	8.0	15.0	0.6
0.0470	473	11.0	10.0	6.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	18.0	13.0	8.0	15.0	0.8	20.0	15.0	9.0	15.0	0.8
0.0680	683	14.0	10.0	6.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	18.0	13.0	8.0	15.0	0.8	26.0	15.0	9.0	21.0	0.8
0.1000	104	14.0	10.0	6.0	10.0	0.6	14.0	11.0	8.0	10.0	0.6	20.0	13.0	8.0	15.0	0.8	26.0	15.0	10.0	21.0	0.8
0.1500	154	18.0	12.0	7.0	15.0	0.8	18.0	13.0	8.0	15.0	0.8	26.0	15.0	8.0	21.0	0.8	26.0	18.0	12.0	21.0	0.8
0.2200	224	18.0	12.0	7.0	15.0	0.8	18.0	13.0	9.0	15.0	0.8	26.0	15.0	10.0	21.0	0.8	32.0	20.0	12.0	27.0	0.8
0.3300	334	18.0	14.0	7.0	15.0	0.8	26.0	15.0	9.0	21.0	0.8	26.0	19.0	11.0	21.0	0.8	32.0	22.0	13.0	27.0	0.8
0.4700	474	18.0	14.0	8.0	15.0	0.8	26.0	16.0	10.0	21.0	0.8	32.0	18.0	11.0	27.0	0.8	36.0	23.0	15.0	31.0	0.8
0.5600	564	18.0	17.0	12.0	15.0	0.8	26.0	17.0	10.5	20.0	0.8	32.0	20.0	11.5	27.5	0.8	36.0	25.5	17.5	31.0	0.8
0.6800	684	24.0	16.0	9.5	20.0	0.8	26.0	19.0	11.0	20.0	0.8	32.0	21.5	12.0	27.5	0.8	36.0	26.0	18.0	31.0	0.8
1.0000	105	24.0	17.5	11.0	20.0	0.8	32.0	20.0	11.5	27.5	0.8	32.0	25.0	16.0	27.5	0.8					
1.5000	155	32.0	18.0	12.0	27.5	0.8	32.0	22.5	13.5	27.5	0.8										
2.2000	225	32.0	20.0	12.0	27.5	0.8	32.0	24.0	15.0	27.5	0.8										
3.3000	335	32.0	24.0	16.0	27.5	0.8	36.0	27.0	17.0	31.0	0.8										

PART NUMBER EXAMPLE PMD 105 M 2E