

**INTRODUCTION**

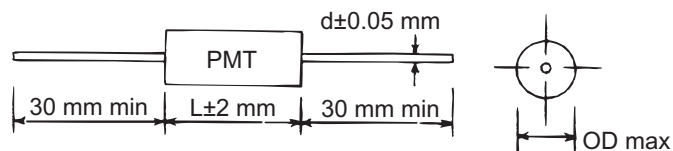
PMT & PMF Series are constructed with metalized polypropylene film, copperly lead, outer wrapping with polyester film tape and ends sealed by epoxy resin. They are ideal for use in communication equipment, timing circuit, integrating and filter networks.

**FEATURES**

- Low dissipation factor
- Excellent for high frequency application
- Miniature size and light weight
- High reliability and long term stability
- Flame retardant epoxy resin coating

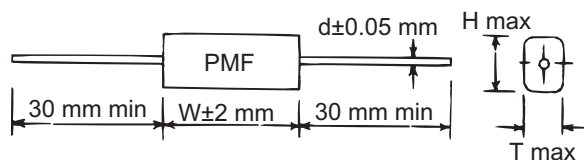
**PART NUMBER EXAMPLE**

PMT 103 J 2G



**SPECIFICATIONS**

Type	Performance
Operating Temperature Range	-55°C ~ +105°C
Capacitance Range	0.01µF ~ 4.7 µF
Capacitance Tolerance	±5% (J), ±10% (K), ±20% (M)
Rated Voltage	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



**LEAD DIAMETER**

Body Length L	Lead Diameter d
≤ 16.0 mm	0.6 mm
> 16.0 mm	0.8 mm

**DIMENSIONS**

Series W.V. F Code	PMT								PMF								
	200VDC		400VDC		630VDC		250VDC			400VDC			630VDC				
	OD	L	OD	L	OD	L	W	H	T	W	H	T	W	H	T		
0.010	103	5.0	15.0	5.5	15.0	6.5	15.0										
0.015	153	5.0	15.0	6.0	15.0	7.0	15.0										
0.022	223	6.0	15.0	7.0	15.0	8.0	15.0										
0.033	333	6.0	15.0	7.5	15.0	8.0	21.0										
0.047	473	6.5	15.0	8.0	21.0	9.0	21.0										
0.068	683	7.5	15.0	8.0	21.0	10.5	21.0										
0.100	104	8.0	15.0	8.5	21.0	11.0	27.0	15.0	10.0	6.0	21.0	12.0	7.0	27.0	13.0	8.0	
0.150	154	8.0	21.0	10.0	21.0	12.0	27.0	21.0	11.0	6.0	21.0	13.0	7.0	27.0	15.0	9.0	
0.220	224	9.0	21.0	9.5	27.0	14.0	33.0	21.0	11.0	7.0	27.0	14.0	8.0	33.0	19.0	10.0	
0.330	334	10.5	21.0	12.0	27.0	16.0	33.0	21.0	13.0	8.0	27.0	16.0	10.0	33.0	20.0	12.0	
0.470	474	10.5	27.0	13.0	33.0	18.0	33.0	27.0	14.0	8.0	33.0	20.0	12.0	33.0	22.0	14.0	
0.680	684	12.5	27.0	15.0	33.0	20.0	37.0	27.0	16.0	10.0	33.0	22.0	13.0	37.0	24.0	15.0	
1.000	105	14.0	33.0	18.0	34.0	22.0	37.0	33.0	18.0	11.0	33.0	21.0	13.5	37.0	25.0	16.0	
1.500	155	16.0	33.0	20.0	37.0			33.0	20.0	12.5	37.0	24.0	16.0	42.0	29.0	20.0	
2.200	225	18.0	33.0	22.0	37.0			33.0	22.0	14.0	42.0	25.0	16.0	47.0	34.0	24.0	
3.300	335	20.0	37.0	24.0	42.0			37.0	24.0	15.0	47.0	34.0	23.0				
4.700	475	22.0	37.0	26.0	47.0			37.0	27.0	17.0							

\*Voltage derates above 85°C, 100% at 85°C, 75% at 105°C