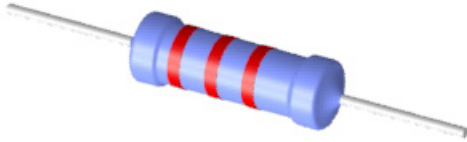


# PMF Series

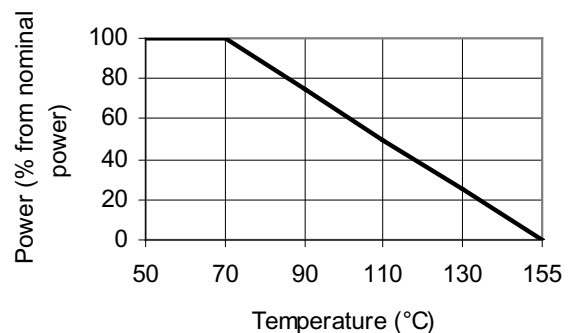
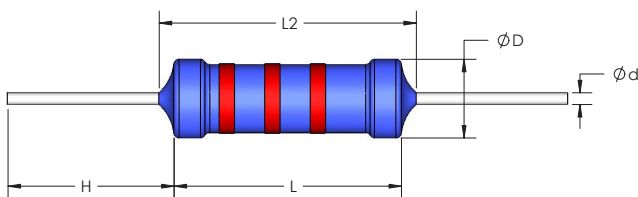
Power Metal Film Resistors



- Resistances from 0.22Ohm to 1MOhms
- Power Rating to 3Watts
- Resistance Tolerances to  $\pm 1\%$
- Max. working voltage to 750V
- Lead (Pb)-free solder contacts

## SPECIFICATIONS

Type	PMF1	PMF2	PMF3
Resistance Range	0.22Ohms to 1MOhms	0.33Ohms to 1MOhms	0.68Ohms to 1MOhms
Power rating (70°C) R < 1 Ohm R ≥ 1 Ohm	0.6W 1.0W	1.2W 2.0W	2.0W 3.0W
Tolerances	1% (E-24, E-96) / 5% (E-24)		
Temperature Coefficient	max. $\pm 250$ ppm/K		
Operating Voltage (Umax)	350V	500V	750V
Operating Temperature Range	-55 to 155°C		
Max. Resistance Change Load Climatic tests Soldering	$\Delta R/R$ max.: $\pm 5\%$ +0.1 Ohm $\Delta R/R$ max.: $\pm 3\%$ +0.1 Ohm $\Delta R/R$ max.: $\pm 1\%$ +0.05 Ohm		
Basic Specification	IEC 60115-1 and 60115-4		
Dimensions in mm [inches]			
L	6.5 [0.26]	10.0 [0.39]	15.0 [0.0.59]
L2	8.5 [0.34]	12.0 [0.47]	17.0 [0.0.67]
H	25 [0.98]	25 [0.98]	28 [1.10]
D	2.5 [0.098]	3.9 [0.15]	5.2 [0.21]
d	0.58 $\pm 0.05$ [0.023 $\pm 0.002$ ]	0.78 $\pm 0.05$ [0.023 $\pm 0.002$ ]	0.78 $\pm 0.05$ [0.023 $\pm 0.002$ ]



## Ordering Information

Part Number - Resistance - Tolerance  
PMF1 10 kOhms 5% 250ppm