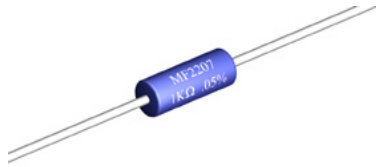


MF2000 Series

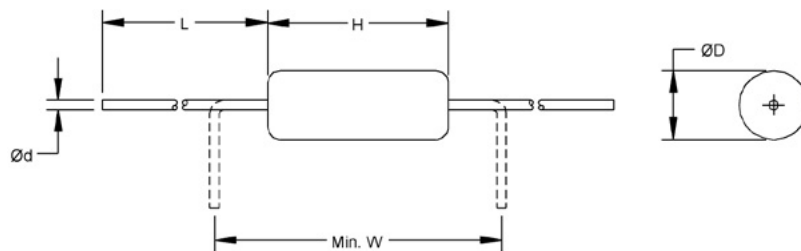
Precision / Metal Film Resistors



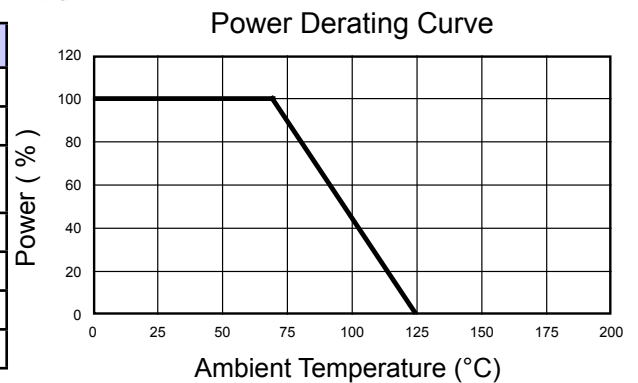
- Resistances from 1 to 10M Ohms
- Power Rating 0.4 to 0.65Watts
- Resistance Tolerances to $\pm 0.05\%$
- TCR's to $\pm 3\text{ppm}/^\circ\text{C}$
- Very Low Inductance
- Matched Sets Available
- E192 Values in Stock

SPECIFICATIONS

Type	Power Rating Watts @ 70°C	Resistance Range (Ω)	Maximum Voltage	H _(MAX)	D _(MAX)	d $\pm 0.002"$ $[\pm 0.05\text{mm}]$	L _(MIN)	W _(MIN)	RN Size
MF2207	0.40	1 to 10M	300	0.260 [6.5]	0.100 [2.5]	0.028 [0.7]	1.20 [30]	0.300 [7.5]	RN55



Specification	Value
Tolerances	$\pm 0.05\%$ to $\pm 1\%$
Temperature Coefficient	(See Charts)
Temperature Range	-25°C to +125°C (TC $\geq 25\text{ppm}/\text{K}$) -10°C to +85°C (TC $< 25\text{ppm}/\text{K}$)
Insulation Resistance	>10000 MOhms
Climatic Category	55/125/56
Max Soldering Temperature	+260°C / 10s
Voltage Coefficient	< 5ppm/V



TCR ($\pm \text{ppm}/^\circ\text{C}$)	Resistances Available at These Tolerances				
	$\pm 0.05\%$	$\pm 0.1\%$	$\pm 0.25\%$	$\pm 0.5\%$	$\pm 1\%$
5	50 - 250K	10 - 500K	10 - 500K	10 - 500K	-
10	50 - 510K	5 - 1M	5 - 1M	5 - 1M	-
15	50 - 510K	5 - 1.5M	5 - 1.5M	5 - 2M	1 - 2M
25	50 - 510K	5 - 1.5M	5 - 3M	2 - 5M	1 - 5M
50	50 - 510K	5 - 2M	3 - 3M	2 - 5M	1 - 5M

Ordering Information

Part Description: Part Type - Resistance - Tolerance - TCR

Example: MF2207 1.1 kOhm 0.05% 5ppm

(Note: If no TCR is specified / the highest value will be supplied)