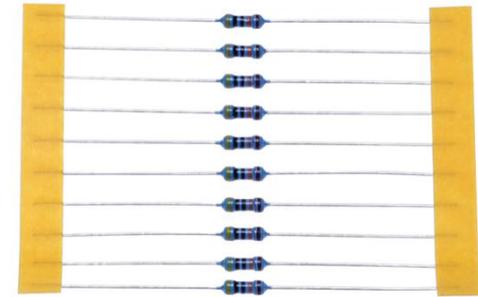
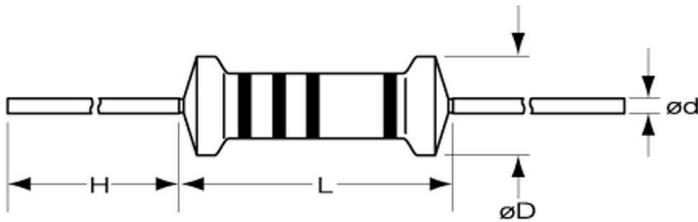


FEATURES

- High precision and low temperature coefficient
- Resistance Tolerance: $\pm 0.1\%$, $\pm 0.25\%$, $\pm 0.5\%$, $\pm 1\%$, $\pm 0.05\%$, $\pm 0.01\%$,
- T.C.R/°C: $\pm 5\text{ppm}/^\circ\text{C}$, $\pm 10\text{ppm}/^\circ\text{C}$, $\pm 15\text{ppm}/^\circ\text{C}$, $\pm 25\text{ppm}/^\circ\text{C}$, $\pm 50\text{ppm}/^\circ\text{C}$, $\pm 100\text{ppm}/^\circ\text{C}$
- Mainly used in the industries of precision instruments, electronic measurement.



DRAWING and DIMENSIONS (mm)



Series	Power Rating (Watt)	Dimension(mm)				Value Range
		L	ØD	H	Ød	
MF	1/6W, 1/8W, 1/4WS	3.2 \pm 0.2	1.8 \pm 0.3	28 \pm 2	0.45 \pm 0.05	1 Ω ~10M Ω
MF	1/4W, 1/2WS	6.0 \pm 0.2	2.3 \pm 0.3	26.5 \pm 2	0.50 \pm 0.05	1 Ω ~10M Ω
MF	1/2W, 1WS	9.0 \pm 0.5	3.2 \pm 0.3	26 \pm 2	0.58 \pm 0.05	1 Ω ~10M Ω
MF	1W, 2WS	11.0 \pm 0.5	4.5 \pm 0.5	35 \pm 2	0.68 \pm 0.05	1 Ω ~10M Ω
MF	2W, 3WS	15.0 \pm 0.5	5.0 \pm 0.5	32 \pm 2	0.78 \pm 0.05	1 Ω ~10M Ω
MF	3W, 5WS	17.0 \pm 0.5	6.0 \pm 0.5	32 \pm 2	0.78 \pm 0.05	1 Ω ~10M Ω
MF	5W	25.0 \pm 1	8.0 \pm 0.5	35 \pm 3	0.78 \pm 0.05	1 Ω ~10M Ω

SPECIFICATIONS

Power Rating 70°C	1/6W, 1/8W, 1/4WS	1/4W, 1/2WS	1/2W, 1WS	1W, 2WS	2W, 3WS, 3W, 5W 5WS
Series Number	MF				
Operating Temp. Range	-55°C ~ +155°C				
Max. Working Voltage	200V	250V	350V	500V	500V
Max. Overload Voltage	400V	600V	700V	1000V	1000V
Dielectric Withstanding Voltage(AC)	300V	500V	700V	1000V	1000V
Max. Intermittence Overload Voltage	400V	600V	700V	1000V	1000V
Value Range $\pm 0.25\%$, $\pm 0.5\%$, $\pm 1\%$, $\pm 0.1\%$	10 Ω -1M Ω				
Value Range $\pm 0.05\%$, $\pm 0.1\%$	100 Ω -100K Ω				
Temp. Coefficient (by Type)	$\pm 5\text{ppm}/^\circ\text{C}$, $\pm 10\text{ppm}/^\circ\text{C}$, $\pm 15\text{ppm}/^\circ\text{C}$, $\pm 25\text{ppm}/^\circ\text{C}$, $\pm 50\text{ppm}/^\circ\text{C}$, $\pm 100\text{ppm}/^\circ\text{C}$				

FIG.1 DERATING CURVE

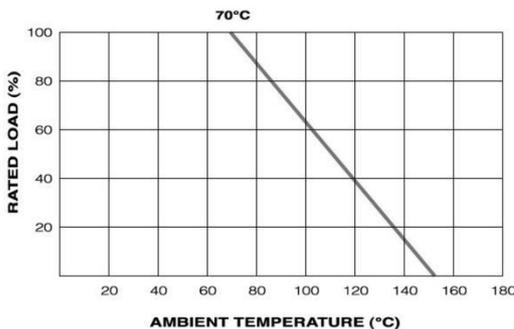
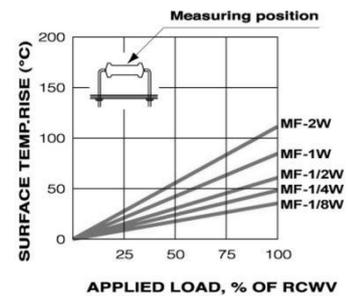


FIG.2 HOT-SPOT TEMPERATURE



Note: Other resistance is available on request. WEET is capable of doing custom service for you.



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