

SPECIFICATION

TYPE		Maximum Working Voltage	Maximum Overload Voltage
MF	MFS		
1/8W	---	200V	400V
1/4W	1/4W	250V	500V
1/2W	1/2W	350V	700V
1W	1W	400V	900V
2W	2W	500V	1000V

DIMENSION

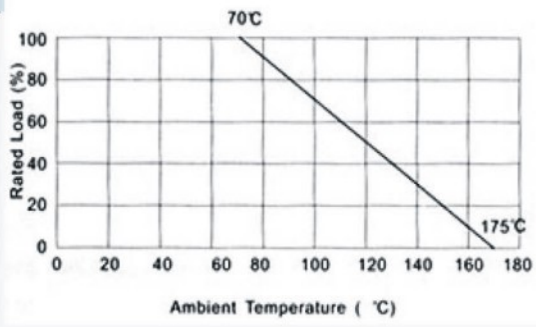
TYPE		Dimension (mm)			
MF	MFS	L	D	H(MIN)	d
1/8W	---	3.5±0.4	1.5±0.2	25	0.45±0.02
1/4W	1/4W	6.3±0.5	2.3±0.2	25	0.55±0.05
1/2W	1/2W	9.0±1.0	3.2±0.5	27	0.60±0.05
1W	1W	12±1.2	4.5±0.5	30	0.80±0.05
2W	2W	16±1.0	5.5±0.5	30	0.80±0.05

CHARACTERISTICS

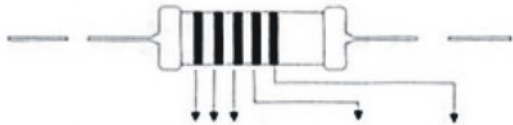
測試項目	Items	規格值 Specified value
使用溫度範圍	Operating Temperature range	-55°C to 155 °C
溫度係數	Temperature Coefficient of Resistance	E: ±25PPM, C: 50PPM
溫度週率	Temperature Cycling	±0.5% Change
溫度操作	Low Temperature Operation	±0.5% Change
短時間過負荷	Short Time Overload	±0.5% Change
耐電壓	Dielectric Withstanding Voltage	±0.5% Change
耐焊熱	Resistance to Soldering Heat	±0.5% Change
耐濕負荷壽命	Moisture Load Life (40 C 96%RH)	±1.0% Change
負荷壽命	Load life (70 °C)	±1.0% Change
絕緣電阻	Insulation Resistance	over 10,000MΩ

- a. common code for precision a. 名稱
- b. rated power b. 額定電力
- c. resistance value c. 電阻值
- d. tolerance (F : ± 1%) d. 容許誤差
- e. temperatre coefficient e. 溫度係數
- f. packing (T/B : tage in box, T/R : tape & reel) f. 包裝方式

DERATING CURVE



COLOR CODING



Color	1st,2nd,3rd Significant Figure	4th Multiplier	5th Tolerance
Black	0	1	--
Brown	1	10	1%
Red	2	10 ⁻²	2%
Orange	3	10 ⁻³	--
Yellow	4	10 ⁻⁴	--
Green	5	10 ⁻⁵	0.5%
Blue	6	10 ⁻⁶	0.25%
Violet	7	10 ⁻⁷	0.1%
Grey	8	10 ⁻⁸	--
White	9	10 ⁻⁹	--
Gold	--	10 ⁻¹	5%
Silver	--	10 ⁻²	--

Code	Tolerance(±)
J	5%
G	2%
F	1%
D	0.5%
C	0.25%
B	0.1%