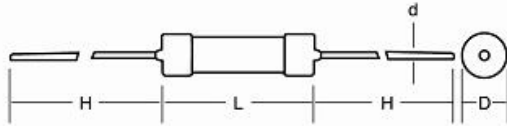


MGR 金屬玻璃釉電阻器 METAL GLAZED RESISTOR

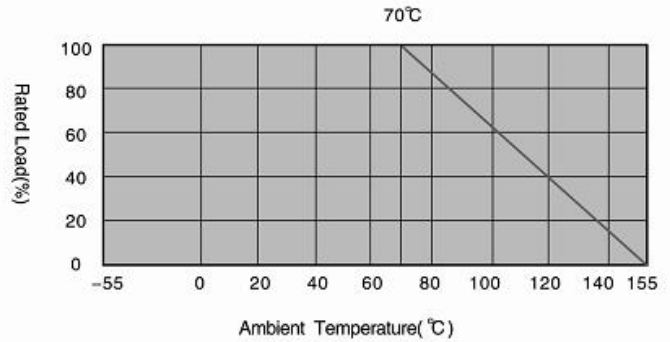
DIMENSION



NOTES:

Too low or too high resistance value can be supplied by request.

DERATING CURVE



SPECIFICATIONS

| TYPE | 額定電力 POWER RATING | 誤差 Tolerance | 溫度係數 PPM/°C | 阻值範圍 RESISTANCE RANGE | 最高使用電壓 MAXIMUM WORKING VOLTAGE | 耐電壓 DIELECTRIC WITHSTANDING VOLTAGE | DIMENSIONS(mm) | | H | d | |
|------|-------------------------|-----------------|----------------|-----------------------------|---|--|----------------|---------|------|-----|---------|
| | | | | | | | L | D | | | |
| MGR | 1/4W | ±1% ±5% | ±200 | 1-33M | 500 | 500V | 7.0±1 | 2.5±0.5 | 26±2 | 0.6 | |
| | 1/2W | | | 1-68M | 1000 | | 600V | 10.5±1 | | | 3.9±0.5 |
| | 1W | | | 1-100M | 1500 | | 800V | 14.0±1 | | | 5.5±0.5 |
| | 2W | | | 1-100M | 2000 | 1000V | 17.0±1 | 6.6±0.5 | | 0.8 | |
| | 3W | | | 1-100M | 2500 | | 18.0±1 | 7.5±0.5 | | | |
| | 5W | | | 1-100M | 3000 | | 25.0±1 | 9.5±0.5 | | | |

ELECTRICAL PERFORMANCE

| ITEM | TEST METHOD | CHARACTERISTICS |
|--------------------------------|---|--|
| Short Time Overload | 2.5 Times Rated Voltage X 5S | $\Delta R \leq \pm(1\%R + 0.05\Omega)$ |
| Adhesion Solderability | 235°C ±5°C 2±0.5Sec | 95% |
| Intermittence Overload Voltage | (1+25)X10:2.5Times Rated Voltage 1 sec on/25 sec off For 10000 cycles | $\Delta R \leq \pm(2\%R + 0.1\Omega)$ |
| Temp Cycling | -55°C~+155°C, 5 Cycles | $\Delta R \leq \pm(1\%R + 0.05\Omega)$ |
| Load Life | 70°C At Rated Voltage For 1000h | $\Delta R \leq \pm(5\%R + 0.1\Omega)$ |
| Load Life In Humidity | 40°C 90~95% RH 240H | $\Delta R \leq \pm(5\%R + 0.1\Omega)$ |
| Accident Overload | 16 or 25 Times At Power Voltage | NON-FLAMMABLE |