

METAL PLATE CEMENT RESISTOR

MPC Series 金屬板電阻器(MPC 系列)

FEATURES

- Compact type with safety design of Non-flammability and insulation.
- Low resistance and resilient to surge current.
- Low inductance.

特性

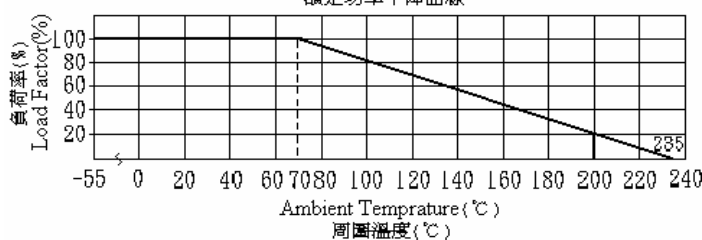
- 不燃與絕緣之安全設計
- 低阻值耐突波佳
- 低電感。

CHARACTERISTICS

性能

| ITEM 項目 | SPEC. 規格 | REMARKS 備註 |
|--|---|---|
| Load life under high temperature 高溫負荷壽命 | ±5% | JIS-C-5202 7.10 Rated voltage at 70°C for 1,000 hours 額定電壓 70°C 1,000 小時 |
| Load life under high humidity 耐濕負荷壽命 | ±5% | JIS-C-5202 7.9 Rated voltage at 40°C,95% RH for 1,000 hours 額定電壓 40°C,95% RH 1,000 小時 |
| Temp. coeff. Of resistance 溫度係數 | ±350 ppm/°C | JIS-C-5202 5.2 Room temp. + 100°C 室溫 + 100°C |
| Short time overload 短時間過負荷 | ±2% | JIS-C-5202 5.5 6.25 times the rated power for 5 seconds 6.25 倍額定功率 5 秒 |
| Dielectric withstanding voltage 耐電壓 | ±2% | JIS-C-5202 5.7 500 volt 1 min 500 V 1 分鐘 |
| Insulation resistance 絕緣電阻 | >10MΩ | JIS-C-5202 5.6 500 volt Insulation test 500 V 絕緣測試電壓 |
| Flameproof 不燃性 | No evidence of flaming or arcing 無燃燒現象 | JIS-C-5202 7.12 AC voltage of 2,4,8,16,32 times the power rating for 1min. (V≤4 times max. working voltage) 2,4,6,8,16,32 倍 AC 額定功率 1 分鐘 (V≤4 倍最高使用電壓) |

DERATING CURVE
額定功率下降曲線



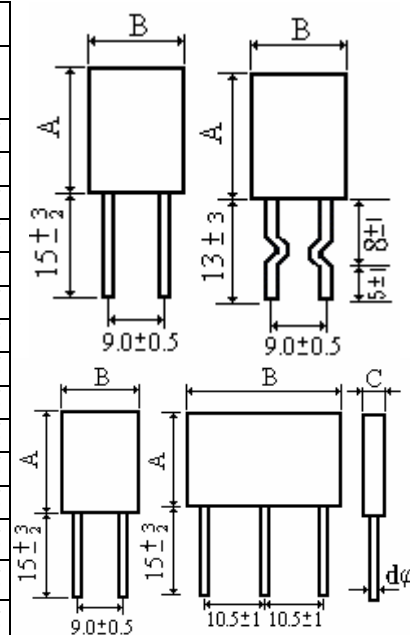
For resistors operated in ambient temperature over 70°C, power rating must be derated in accordance with the curve left.

在周圍溫度超過 70°C 使用時,應依據左圖之額定功率下降曲線,輕減其額定功率。

DIMENSIONS

尺寸

| Model 型名 | Rated Power 額定功率 (W) | Resistance Range 阻值範圍 (Ω) | Tolerance 容許差 | Dimension 尺寸 (mm) | | | |
|-------------|-------------------------|------------------------------|------------------|-------------------|---------|-----------|-----------|
| | | | | A | B | C | d φ |
| MPC 01 | 1 | 0.01~0.5 | G : ±2% | 10 ±1.0 | 10 ±1.0 | 5 ±0.5 | 0.8 ±0.05 |
| MPC70 | 2 | 0.10~1.0 | | 8.0 ±1.0 | 13 ±1.0 | 4 ±0.5 | 0.6 ±0.05 |
| MPC76 | | 0.01~0.05 | 8.0 ±1.0 | 13 ±1.0 | 4 ±0.5 | 0.6 ±0.05 | |
| MPC78 | 0.1~1.0 | | | | | | |
| MPC72 | 3 | 0.10~1.0 | J : ±5% | 13 ±1.0 | 13 ±1.0 | 5 ±0.5 | 0.6 ±0.05 |
| MPC73 | | 0.01~0.08 | | 13 ±1.0 | 13 ±1.0 | 5 ±0.5 | 0.6 ±0.05 |
| MPC71 | 5 | 0.10~1.0 | K : ±10% | 18 ±1.0 | 14 ±1.0 | 5 ±0.5 | 0.6 ±0.05 |
| MPC74 | | 0.10~1.0 | | 18 ±1.0 | 14 ±1.0 | 5 ±0.5 | 0.8 ±0.05 |
| MPC75 | | 0.01~0.08 | | 18 ±1.0 | 14 ±1.0 | 5 ±0.5 | 0.8 ±0.05 |
| MPC75 | | 1.5~2.2 | | 18 ±1.0 | 14 ±1.0 | 5 ±0.5 | 0.6 ±0.05 |
| MPC722 | 10 | 0.22~3.3 | | 18 ±1.0 | 26 ±1.0 | 5 ±0.5 | 0.8 ±0.05 |
| MPC708 | 2+2 | 0.10~1.0 | | 9.0 ±1.0 | 26 ±1.0 | 5 ±0.5 | 0.6 ±0.05 |
| MPC733 | 3+3 | 0.10~1.0 | | 13 ±1.0 | 26 ±1.0 | 5 ±0.5 | 0.6 ±0.05 |
| MPC735 | | 0.01~0.08 | 13 ±1.0 | 26 ±1.0 | 5 ±0.5 | 0.6 ±0.05 | |
| MPC725 | 5+5 | 0.10~1.0 | | 18 ±1.0 | 26 ±1.0 | 5 ±0.5 | 0.8 ±0.05 |



※ 1W 腳距=5±0.5mm