

METAL PLATE CEMENT RESISTOR

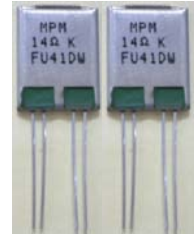
MPM Series 金屬板電阻器 (MPM 系列)

FEATURES

- Compact type with safety design of Non-flammability and insulation
- Low resistance and resilient to surge current
- Non-inductance
- Resistance value range is 0.1Ω~33Ω.

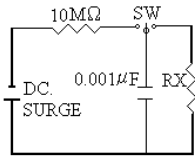
特性

- 不燃與絕緣之安全設計
- 低阻值耐突波佳
- 無電感
- 阻值範圍：0.1Ω~33Ω

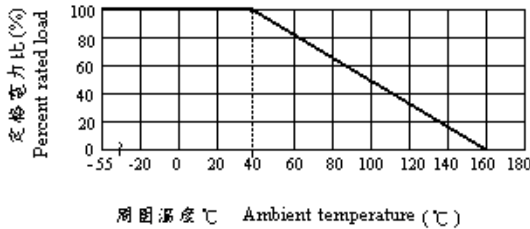


CHARACTERISTICS

性能

ITEM 項目	SPEC. 規格	REMARKS 備註
Load life under high temperature 高溫負荷壽命	±5%	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%	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	Room temp.+100°C 室溫 +100°C
Short time overload 短時間過負荷	±2%	6.25 times the rated power for 5 seconds 6.25 倍額定功率 5 秒
Dielectric withstanding voltage 耐電壓	-----	500 volt 1 min 500V 1 分鐘
Pulse withstanding voltage 脈衝測試	±20%	 <ul style="list-style-type: none"> ■ The following discharge cycle is repeated in the circuit of the left fig. 2.5 sec. ON 2.5 sec. OFF 10,000 cycles. With following DC pulse test voltage: ■ Pulse voltage : 10KV
Insulation resistance 絕緣電阻	>10MΩ	500 volt Insulation test 500V 絕緣測試電壓

Derating Curve 額定功率下降曲線



For resistors operated in ambient temperature over 40°C, power rating must be derated in accordance with the curve left.

在周圍溫度超過 40°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	Maximum Working Voltage 最高使用電壓	Maximum Overload Voltage 最高過負荷電壓	Dimension 尺寸 (mm)						
						A	B	C	dφ	h	P1	P2
MPM04	4	0.1~33	K ±10%	\sqrt{PR}	\sqrt{PR}	16.5±1.0	15±1.0	2.0±0.5	0.6±0.05	18±1.0	9.5±0.5	5.5±0.5

Construction (結構圖)

