

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

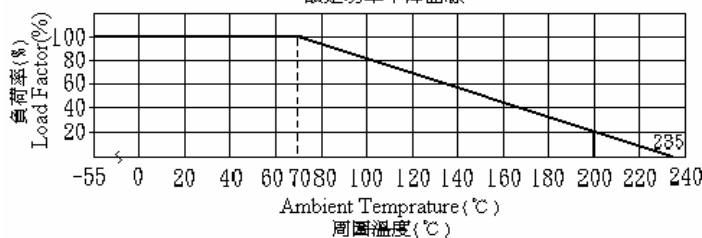
- 不燃與絕緣之安全設計
- 低阻值耐突波佳
- 低電感。

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



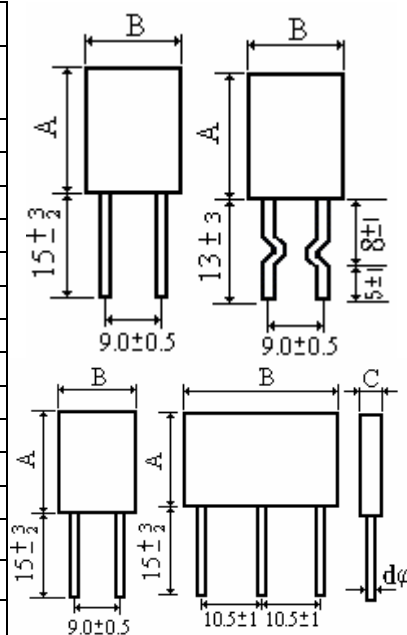
For resistors operated in ambient temperature over 70°C, power rating must be derated in accordance with the curve left.

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