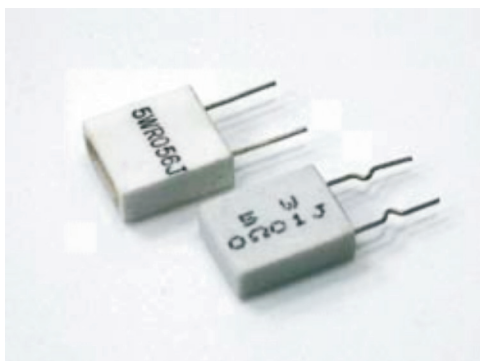


METAL PLATE CEMENT RESISTOR

彩源電阻

金屬板水泥電阻器



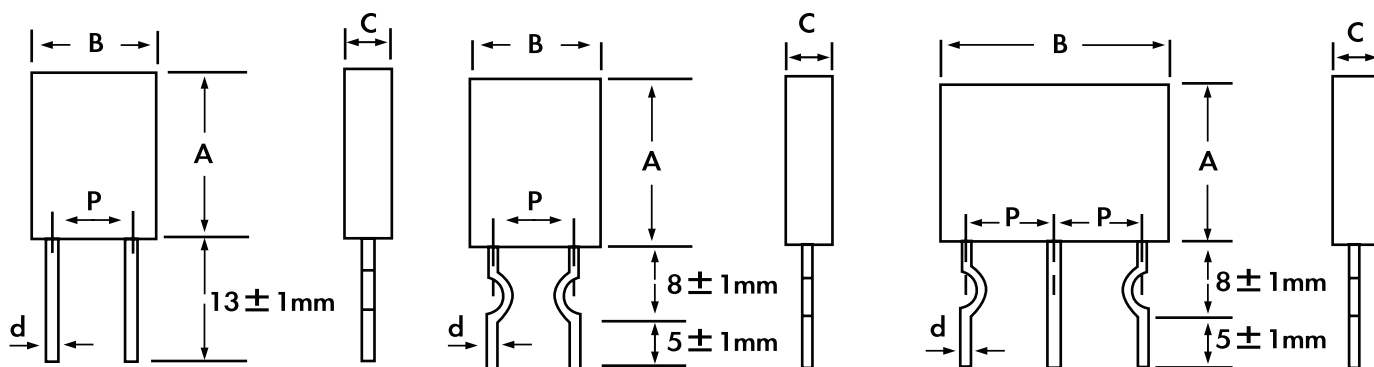
品名構成 Product Identification

MPR 種類	5W 額定功率	0.01Ω 公稱抵抗值	J(±5%) 容許誤差值
Type	Power Rating	Resistance	Tolerance

容許誤差值
Tolerance

J	K
±5%	±10%

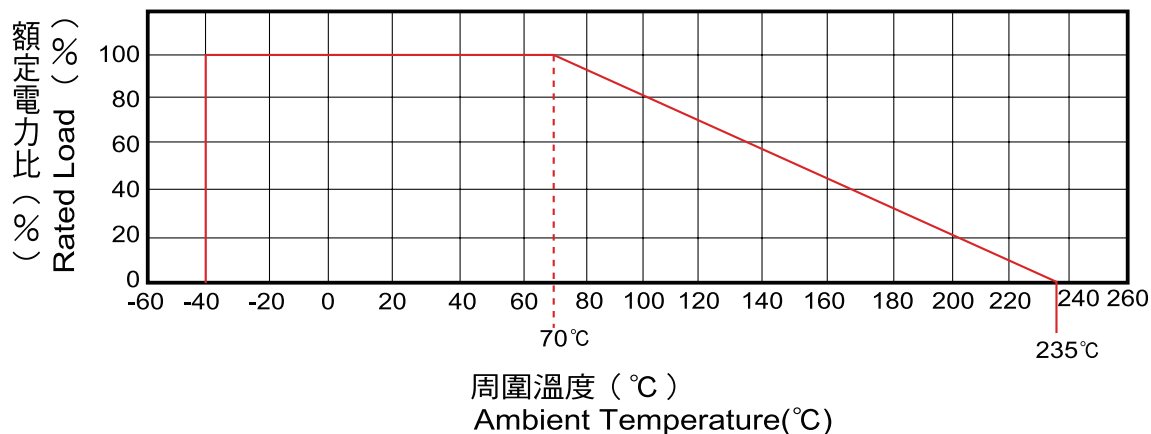
規格 Specifications



額定功率 Power Rating	尺寸(mm) Dimensions(mm)					阻值範圍 Resistance Range
	A	B	C ± 1	d ± 0.1	p ± 1	J ± 5% K ± 10%
2W	8.5 ± 1	13 ± 1	5	0.8	9	0.01Ω~0.18Ω
3W	13 ± 1	14 ± 1	5	0.8	9	
5W	18 ± 1	14 ± 1	5	0.8	9	0.01Ω~1.0Ω
10W	18 ± 1	26 ± 1	5	0.8	20	
2W+2W	8.5 ± 1	26 ± 1	5	0.8	10	0.05Ω~0.56Ω
3W+3W	13 ± 1.5	26 ± 1	5	0.8	10	
5W+5W	18 ± 1.5	26 ± 1	5	0.8	10	
7W+7W	20 ± 1.5	26 ± 1	5	0.8	10	

金屬板水泥電阻器

● 負載遞減曲線 Power Derating Curve



● 特性 Characteristics

特性項目 Item	規格值 Specification	試驗方法 Test Method	JIS.C.5201
溫度係數 Temperature Coefficient	±350PPM/°C	試驗溫度：室溫+100°C Test Temperature: Room Temperature+100°C	
短時間過負荷 Short Time Over Load	±(2%+0.05Ω)	定格電力X10倍,5秒 Rated power X 10 times, 5 seconds	
絕緣電阻 Insulation Resistance	1000MΩ min	置於V型槽方法，施加直流電壓60秒 V-block method Resistor shall be tested at DC for 60	
耐電壓 Dielectric Withstanding Voltage	無燒損或絕緣性破壞 No flashover or insulation damage	加AC電壓於各規格中持續1分鐘 AC Potential respectively specified in the list for 60 seconds	
負荷壽命 Load Life	±(5+0.05Ω)Max	在溫度70°C 環境，額定電壓1.5小時「ON」， 0.5小時「OFF」持續1000小時 Rated voltage 1.5hr "on", 0.5hr "off" at 70°C for 1000 hrs.	
耐濕負荷 Load Life in Moisture	±(5+0.05Ω)Max	在溫度40°C，溼度95%RH環境額定電壓1.5小時「ON」， 0.5小時「OFF」持續1000小時 Rated voltage 1.5hr "on", 0.5hr "off" at 40°C, 95% RH for 1000 hrs.	

*可依客戶要求測試IEC/GB標準