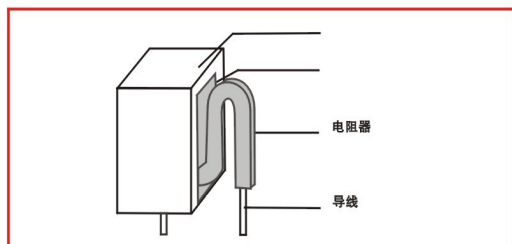


### 製品介紹 INTRODUCTION

MPR 金屬板電阻器具有高信賴性、無感類型及占有面積小等特性，廣泛應用於各種電子機器/設備。

MPR, Flameproof Metal Plate Resistor, is with the features of high reliability, non-inductive, and space saving, and applied for various electronic equipments.

### 構造 CONSTRUCTION



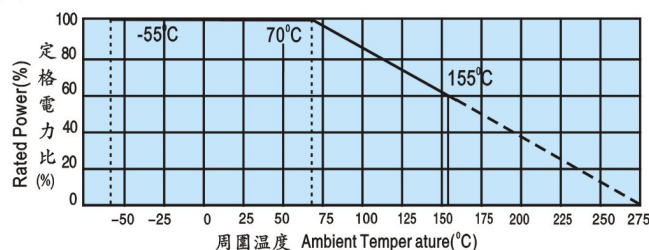
### 特長 FEATURES

- 高信賴性 High reliability
- 無感類型 Non-inductive type
- 占有面積小 Space saving

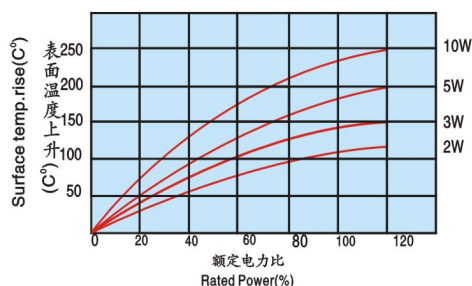
### 特性 CHARACTERISTICS

| 試驗項目<br>Test Items                      | 規格值<br>Specified Value                 |
|-----------------------------------------|----------------------------------------|
| 溫度係數<br>Temp. coefficient of resistance | $\pm 350 \text{ PPM}/^{\circ}\text{C}$ |
| 短時間過負荷<br>Short time overload           | $\pm (2\% + 0.05\Omega)$               |
| 耐電壓<br>Dielectric withstanding voltage  | 無損壞的異狀<br>No evidence of damage        |
| 絕緣抵抗<br>Insulation resistance           | Over $10^4 \text{ M}\Omega$            |
| 端子強度<br>Terminal strength               | 無損壞的異狀<br>No evidence of damage        |
| 耐久性(耐濕負荷)<br>Moisture load life         | $\pm (3\% + 0.05\Omega)$               |
| 耐久性(定格負荷)70°C<br>Load life at 70°C      | $\pm (5\% + 0.05\Omega)$               |
| 溫度循環<br>Temperature cycling             | $\pm (2\% + 0.05\Omega)$               |
| 焊錫附著性<br>Solderability                  | $\pm (2\% + 0.05\Omega)$               |
| 焊錫附著性<br>Solderability                  | Over 95%                               |
| 耐溶劑性<br>Solderability                   | 無損壞的異狀<br>No evidence of damage        |
| 不燃性<br>Flame proof                      | 無燃燒的異狀<br>No evidence of flame         |

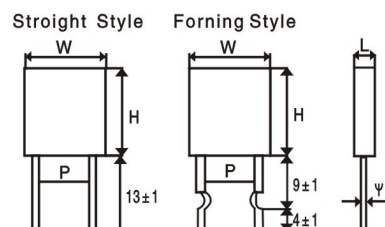
### 負荷輕減曲線 DERATING CURVE



### 表面溫度上升 SURFACE TEMP. RISE



### 形狀 STYLE



### 尺寸 DIMENSIONS

| 形名<br>TYPE | 尺寸 Dimensions (mm) |          |         |          |         | 預定電力<br>Power Rating |
|------------|--------------------|----------|---------|----------|---------|----------------------|
|            | H                  | W        | L       | P        | d       |                      |
| MPR2W      | 8.0±1.0            | 13.0±1.0 | 4.5±1.0 | 9.0±1.0  | 0.6±1.0 | 2W                   |
| MPR3W      | 13.0±1.0           | 14.0±1.1 | 5.0±1.0 | 9.0±1.0  | 0.6±1.0 | 3W                   |
| MPR5W      | 18.0±1.0           | 14.0±1.1 | 5.0±1.0 | 9.0±1.0  | 0.6±1.0 | 5W                   |
| MPR7W      | 18.0±1.0           | 26.0±1.3 | 5.0±1.0 | 9.0±1.0  | 0.8±1.0 | 7W                   |
| MPR10W     | 20.0±1.0           | 26.0±1.3 | 5.0±1.0 | 20.0±1.0 | 0.8±1.0 | 10W                  |

NOTE: Special specification can be constructed on request.



### 訂貨方式 HOW TO ORDER

| MPR        | 5W                   | F                          | J                              | 0R15                        |
|------------|----------------------|----------------------------|--------------------------------|-----------------------------|
| 種類<br>Type | 預定電力<br>Power Rating | 形狀/包裝方式<br>Form/ Packaging | 電阻值誤差率<br>Resistance Tolerance | 公稱電阻值<br>Nominal Resistance |
|            |                      | Blank Bulk, Straight Style | J $\pm 5\%$                    | 3-Digit: E-12 Series        |
|            |                      | F Bulk, Forming Style      | K $\pm 10\%$                   | e.g. 0R12 = 0.12Ω           |