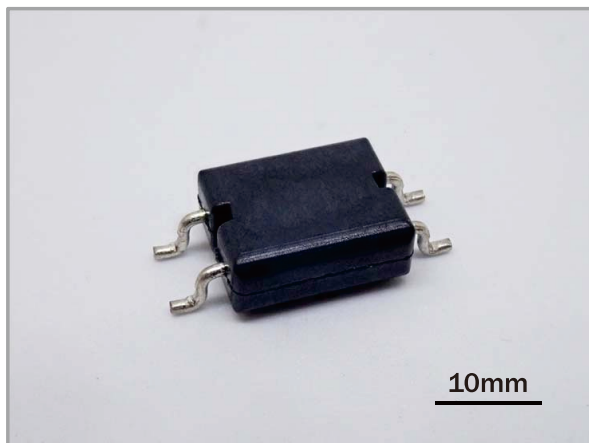


# 贴片型绕线电阻

## MWS5



可根据应用规格定制  
Enhanced lineup according to application



### ■ 特点 Features

- 绕线结构的高脉冲电阻
- 通过应力释放结构，可达到更高的耐应力循环
- 用隔离结构抑制电阻升温
- High pulse resistance by wire wound structure
- High stress cycle resistance by stress relaxation structure
- Suppression of substrate temperature rise by standoff structure

### ■ 额定值 Ratings

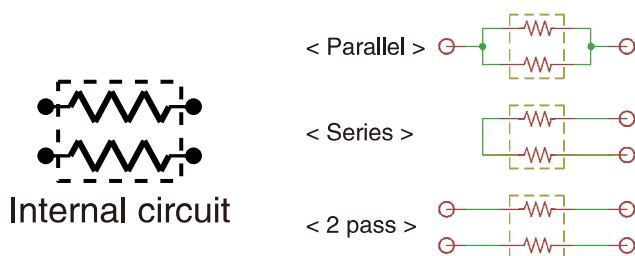
| 型号   | 尺寸 (mm)          | 额定功率 (package) | 电阻值范围 (each element) | 电阻值公差 | 使用温度范围       |
|------|------------------|----------------|----------------------|-------|--------------|
| MWS5 | 16.9 × 8.6 × 4.8 | 5W             | 1 ~ 470 Ω            | ± 5%  | -55 ~ +200°C |

※详细请咨询。Please ask for details.

### ■ 用途 Applications

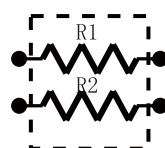
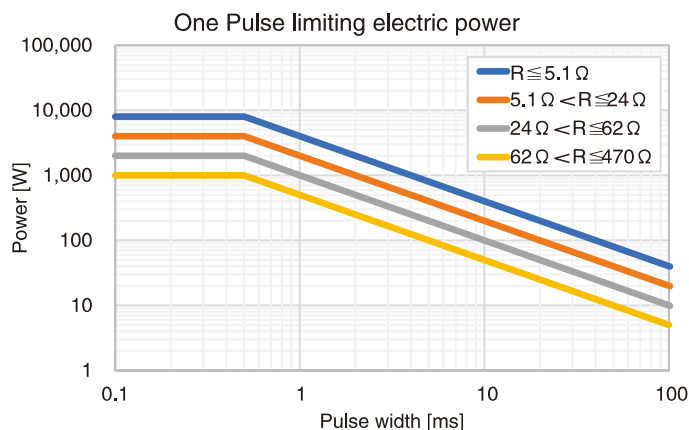
- 浪涌电流限制电阻
- 缓冲电路
- 放电电阻
- Inrush current limiting resistor
- Snubber circuit
- Dumping resistor

### ■ 使用案例 Examples of use



### ■ 脉冲功率能力

#### Pulse power capability



<Conditions>

- Resistance value :  $R1=R2$
- Test circuit: Parallel

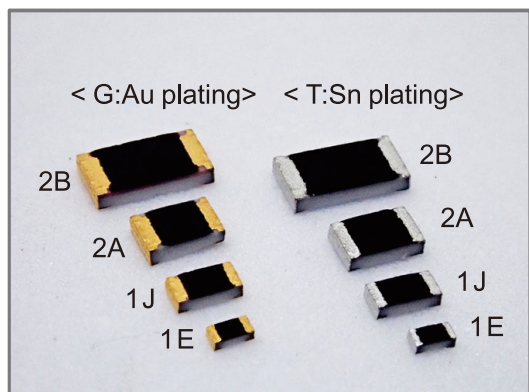
# 耐高温厚膜片式电阻

## HSG73P



可在155℃以上的高温环境中使用

Can be used in high temperature environment exceeding 155℃



### ■ 特点 Features

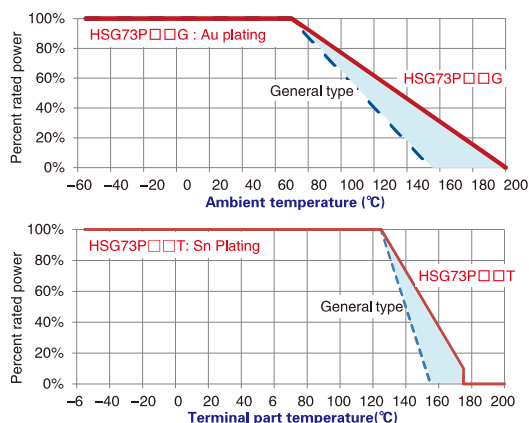
- 可安装在功率模块内
- 可简化冷却系统
- 最高使用温度 Au:200℃、Sn:175℃
- Can be mounted inside power module
- Simplification of the cooling system
- Max. operating temperature Au:200℃, Sn:175℃

### ■ 规格 Rating of the standard products

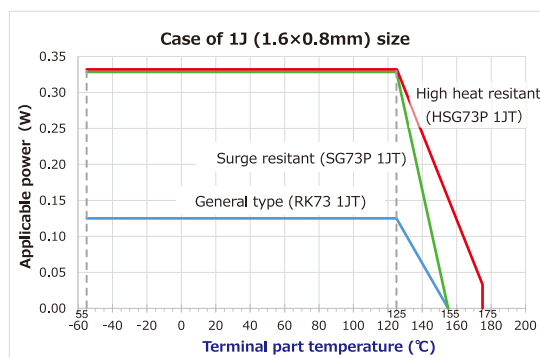
| 型号        | 尺寸<br>(mm) | 额定功率 (W)         |                         | 电阻值 (Ω)         |                 | T.C.R.<br>( $\times 10^{-6}/K$ ) | 材质     | 最高工作<br>温度 (℃) |
|-----------|------------|------------------|-------------------------|-----------------|-----------------|----------------------------------|--------|----------------|
|           |            | Ambient<br>temp. | Terminal,<br>part temp. | F ( $\pm 1\%$ ) | J ( $\pm 5\%$ ) |                                  |        |                |
| HSG73P 1E | 1.0 × 0.5  | 0.125            | 0.2                     | 10 ~ 1M         | 1 ~ 10M         | ± 200                            | T : Sn | 175            |
| HSG73P 1J | 1.6 × 0.8  | 0.2              | 0.33                    |                 |                 |                                  |        |                |
| HSG73P 2A | 2.0 × 1.25 | 0.25             | 0.5                     |                 |                 |                                  | G : Au | 200            |
| HSG73P 2B | 3.2 × 1.6  | 0.33             | 0.75                    |                 |                 |                                  |        |                |

\*1 Sn端子のみ適用。 Terminal Sn is available.

### ■ 降负荷曲线 Derating curve



### ■ 适用功率对比 Comparison of applicable power



创意电子有限公司  
Weltronics Component Limited  
www.weltronics.com

创意香港  
电话 (852) 2410 0623  
传真 (852) 2410 0920

创意深圳  
(755) 8348 0330  
(755) 8348 0105

创意广州  
(020) 8351 1853  
(020) 8351 1491

创意上海  
(021) 6095 2881  
(021) 6095 2882

创意北京  
(010) 6298 2798  
(010) 6298 0880

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