表面実装用
精密級平板抵抗器

Surface Mount Precision Plate Resistors

The SM type precision plate resistors are designed for surface mounting on board by soldering or the other.

### 特長／FEATURES
- 溫度係数が小さい。
- 耐湿特性が優れている。
- 経時変化が小さい。
- 小型で、高電圧負荷に耐えられる。

### 特性／CHARACTERISTICS

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<tr>
<th>項目</th>
<th>Item</th>
<th>特性</th>
<th>Characteristics</th>
<th>試験方法</th>
<th>Test method</th>
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<tbody>
<tr>
<td>使用温度範囲</td>
<td>Operating temperature range</td>
<td>SM2</td>
<td>SM5〜SM20</td>
<td>≤100MΩ 100MΩ&lt;</td>
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<tr>
<td>機械的特性</td>
<td>Mechanical characteristics</td>
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<tr>
<td>耐熱特性</td>
<td>Moisture resistance</td>
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<td>±0.1%</td>
<td>±1%</td>
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<tr>
<td>耐湿性</td>
<td>Temperature coefficient</td>
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<td>±0.1%</td>
<td>±1%</td>
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<tr>
<td>ヒートサイクル</td>
<td>Heat cycle</td>
<td>±0.5%</td>
<td>±0.1%</td>
<td>±1%</td>
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<tr>
<td>長期変化</td>
<td>Long-term stability</td>
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<td>±0.1%</td>
<td>±1%</td>
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<tr>
<td>耐瞬時変化</td>
<td>Resistance to soldering heat</td>
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<td>±0.1%</td>
<td>±1%</td>
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<tr>
<td>湿度係数</td>
<td>Temperature coefficient</td>
<td>±10ppm/℃</td>
<td>±5ppm/℃</td>
<td>±2ppm/℃</td>
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<td>使用温度範囲</td>
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<tr>
<td>定格電圧</td>
<td>Rated power</td>
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<td>幅の変動</td>
<td>Voltage coefficient</td>
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<td>定格電力</td>
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<tr>
<td>幅の変動</td>
<td>Resistance tolerance (%)</td>
<td>±1%</td>
<td>±2%</td>
<td>±2%</td>
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</tbody>
</table>

### 製作範囲／PRODUCTION DATA

#### 形状／Shape

![Shape Diagram]

#### 輕減曲線／Derating Curve

![Derating Curve Diagram]

#### 記号／Symbol

<table>
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<tr>
<th>形状</th>
<th>Type</th>
<th>記号</th>
<th>Symbol</th>
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<tr>
<td></td>
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</table>

注：温度係数A特性（±10ppm/℃）のものについてはご相談ください。
※電圧係数は定格電圧とその1/10の電圧で測定。（SM2は5Vと15Vで測定）

NOTICE：※Also consult your local dealer for the availability of resistors with a temperature coefficient of “A” characteristic(±10ppm/℃).
※The voltage coefficient are measured at rated voltage and 1/10 rated voltage. (SM2 type are measured at DC5V and DC15V).