**UniOhm**

**Thick Film Chip Resistors**

**Performance Specifications**

- **Resistance Range of 5% (E-24):**
  - 5%: ±(1.0% + 0.05Ω) Max.
  - 1%: ±(0.5% + 0.05Ω) Max.
  - ±(0.5% + 0.05Ω) Max.
- **Tolerance:**
  - ±1%
  - ±0.5%
  - R ~ 0.3%
  - N ~ 0.0%
  - F ~ 1%
  - G ~ 0.5%
  - J ~ 0.5%
  - P ~ 30%
  - K ~ 10%
- **Rated Voltage:**
  - ±(100Ω ±200PPM/°C)
  - 11Ω~100Ω ≤ ±200PPM/°C

**Derating Curve & Specification**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Max. Power Rating</th>
<th>Max. Overload Voltage</th>
<th>Di-electric Withstanding Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>HV03</td>
<td>2000V</td>
<td>3000V</td>
<td>5000V</td>
</tr>
<tr>
<td>HV05</td>
<td>4000V</td>
<td>5000V</td>
<td>7000V</td>
</tr>
<tr>
<td>HV06</td>
<td>5000V</td>
<td>7000V</td>
<td>9000V</td>
</tr>
<tr>
<td>HV10</td>
<td>8000V</td>
<td>10000V</td>
<td>12000V</td>
</tr>
</tbody>
</table>

**Ordering Procedure (Example: 1206 1/4W-S 5% 1.2Ω T/R-5000)**

- Product Type:
  - 0201, 0402, 0603, 0805, 1206, 1218, 0612, 1020...
  - TR06, HP03, HP05, HP06, 10P8, 10S8, 10T8, 10E9, TR05, 1210, 2010, 2512, 2D02, 2C02...

**UnityOhm**

**High Voltage Thick Film Chip Resistors**

**Figures**

- Superior to Thick Film Resistors in Max. Working Voltage
- Suitable for both Flow & Re-flow soldering
- Application: AV adapter, LCD Backlight, Flash Light of cameras

**Features**

- Superior to Thick Film Chip Resistors in Max. Working Voltage
- Suitable for both Flow & Re-flow soldering
- Application: AV adapter, LCD Backlight, Flash Light of cameras