**Electrical Specifications**

- **Ohmic values**
  E24 Series. For out of range or not standard ohmic values, consult ATE Technical Dept.
- **Tolerance**
  Standard 5%. Available on request up to 1%
- **Temperature coefficient**
  From ±100 to ±30 ppm from R10 to Rmax
- **Dielectric strength**
  3000Vac / 4200Vac peak
- **Large creep distance**
  RB25/6 > 6.5mm
  RB50/6 > 10mm
- **Insulation resistance**
  10000 MOhm minimum
  1000 MOhm after moisture test
- **Overload**
  5s at 5 times rated power
- **Non inductive**
  Models of equivalent physical and electrical specifications are also available with non-inductive Ayrton-Perry winding

More technical data as RB25 / RB50 standard

### Table: Electrical Specifications

<table>
<thead>
<tr>
<th>ATE Type</th>
<th>MIL-PRF 18546 G Type</th>
<th>Rated power (W)</th>
<th>Resistance range (Ohm)</th>
<th>Voltage Limit (V)</th>
<th>Weight (g)</th>
<th>Heatsink Dimensions (cm² x mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RB25/6</td>
<td>RE70</td>
<td>25</td>
<td>0.1 - 18K</td>
<td>550</td>
<td>13</td>
<td>535 x 1</td>
</tr>
<tr>
<td>RB50/6</td>
<td>RE75</td>
<td>50</td>
<td>0.1 - 68K</td>
<td>1250</td>
<td>32</td>
<td>930 x 1.5</td>
</tr>
</tbody>
</table>

### Dimensions (mm)

<table>
<thead>
<tr>
<th>ATE Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>RB25/6</td>
<td>19.8</td>
<td>14</td>
<td>27.7</td>
<td>14</td>
<td>6.5</td>
<td>2</td>
<td>18.3</td>
<td>24</td>
<td>49</td>
<td>3.2</td>
<td>12.5</td>
<td>8</td>
<td>4</td>
<td>2.2</td>
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<tr>
<td>RB50/6</td>
<td>21.5</td>
<td>16</td>
<td>29.2</td>
<td>16</td>
<td>7</td>
<td>2</td>
<td>39.7</td>
<td>46</td>
<td>75</td>
<td>3.2</td>
<td>14.5</td>
<td>10</td>
<td>6.5</td>
<td>2.2</td>
</tr>
<tr>
<td>Tol.</td>
<td>±0.2</td>
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<td>±0.2</td>
<td>±0.5</td>
<td>±1</td>
<td>±0.2</td>
<td>±1</td>
<td>±0.5</td>
</tr>
</tbody>
</table>