**RB/7 SERIES**

**FIXED POWER WIREWOUND RESISTORS ALUMINIUM HOUSED WITH FASTON LEADS**

These resistors meet or exceed the requirements of MIL-PRF-18546 G specifications.

**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**
  2500Vac / 3500Vac peak

- **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

- **Leads**
  6.35 mm Faston nickel plated steel, spot welding

More technical data as RB25 / RB50 standard.

### ATE Type Dimensions (mm)

<table>
<thead>
<tr>
<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>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>RB25/7</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>27</td>
<td>69</td>
<td>3.2</td>
<td>21</td>
<td>6.35</td>
</tr>
<tr>
<td>RB50/7</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>50</td>
<td>91</td>
<td>3.2</td>
<td>20.5</td>
<td>6.35</td>
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<tr>
<td>Tol.</td>
<td>±0.2</td>
<td>±0.2</td>
<td>±0.2</td>
<td>±0.2</td>
<td>±0.2</td>
<td>±0.2</td>
<td>±0.5</td>
<td>±2</td>
<td>±0.2</td>
<td>±2</td>
<td>-</td>
<td>±1</td>
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</tbody>
</table>

### ATE Type MIL-PRF 18546 G Type

<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>RB25/7</td>
<td>RE70</td>
<td>25</td>
<td>0.1 - 18K</td>
<td>550</td>
<td>13</td>
<td>535 x 1</td>
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<tr>
<td>RB50/7</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>

**ATE Type**

**EN 2010**

**RB25/7**
Fixed power wirewound resistors

**RB50/7**
aluminium housed with faston leads

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