**Fixed Power Wirewound Resistors Aluminium Housed with Screw Leads (TOP)**

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
    - 1000 MΩ minimum
    - 1000 MΩ 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 Ayton-Perry winding
- Leads
  - M4 threaded hole
  - Terminal screw tightening torque 1.5Nm (static)
- More technical data as RB50 standard

<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>RB50/8</td>
<td>RE75</td>
<td>50</td>
<td>0.1 - 68K</td>
<td>1250</td>
<td>52</td>
<td>930 x 1.5</td>
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<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</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>P</th>
<th>Q</th>
<th>R</th>
<th>S</th>
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<tbody>
<tr>
<td>21.5</td>
<td>16</td>
<td>29.2</td>
<td>16</td>
<td>2</td>
<td>39.7</td>
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<td>79.5</td>
<td>3.2</td>
<td>14.5</td>
<td>M4</td>
<td>8</td>
<td>65</td>
<td>17.5</td>
<td>18.5</td>
<td>16.5</td>
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<tr>
<td>±0.2</td>
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<td>±0.2</td>
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<td>-</td>
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Connection screws supplied with the resistor