Features
- Recommended for reflow soldering
- Rotor design compatible with pick and place and automatic adjustment equipment
- 3 mm size meets EIA/EIAJ standard trimmer footprint
- Bottom adjust

TC34 - 3 mm SMD Trimpot® Trimming Potentiometer

Electrical Characteristics
- Standard Resistance Range
  - 100 ohms to 1 megohm (see standard resistance table)
- Resistance Tolerance: ±25% std.
- Absolute Minimum Resistance
  - ≤ 1 K Ohms: 20 ohms max.
  - >1 K Ohms: 2% max. of TR
- CRV: ±5% max.
- Resolution: Essentially infinite
- Adjustment Angle: 220° ±20°

Environmental Characteristics
- Power Rating (50 VDC max.): 0.1 watt
- Operating Temperature: -40°C to +125°C
- Storage Temperature: -55°C to +125°C
- Temperature Coefficient: ±250 ppm/°C
- Humidity: 95%RH TRS max. ±5%
- Load Life: @ 70°C rated power 1000 hours
- Rotational Cycling: 20 cycles

Physical Characteristics
- Torque: 0.8 - 80 gf-cm
- Mechanical Angle: 280° ±20%
- Marking: Part marking code
- Standard Packaging: 2000 pcs./7” reel
- Adjustment Tool: H-91

Recommended Land Pattern

How To Order
TC34 R - 1 - 103 E
- Model
- Style
- Standard Product Indicator
  - 1 = Single Slot Bottom Adjust
- Resistance Code
- Embossed Tape Designator
  - E = 2000 pcs./7” Reel

Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>101</td>
</tr>
<tr>
<td>200</td>
<td>201</td>
</tr>
<tr>
<td>500</td>
<td>501</td>
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<tr>
<td>1,000</td>
<td>102</td>
</tr>
<tr>
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<td>5,000</td>
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<tr>
<td>1,000,000</td>
<td>105</td>
</tr>
</tbody>
</table>

Popular distribution resistance values listed in boldface. Special resistances available.

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Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.