Features
- Recommended for reflow processing
- Rotor design compatible with pick and place and automatic adjustment equipment
- Supplied in 8 mm embossed tape, compatible with automatic assembly equipment
- Rear adjust version available

This series is OBSOLETE and NOT RECOMMENDED for new designs. Suggested replacement is Model TC33.

Electrical Characteristics
- Standard Resistance Range
- Absolute Minimum Resistance
- Contact Resistance Variation
- Resolution
- TRS ± 5%

Environmental Characteristics
- Resistance to Soldering Heat
- Temperature Range
- Temperature Coefficient
- Humidity
- Load Life
- Rotational Cycling

Physical Characteristics
- Torque
- Mechanical Angle
- Part marking code
- Standard Packaging

How To Order
- Model
- Style
- Orientation of Parts In Tape
- Product Indicator
- Standard or Modified
- Resistance Code
- Embossed Tape Designator

Consult factory for other available options.

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice. The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

3303W, X-3
3mm Open Frame
for Reflow Soldering
3-Terminal
Low Profile

3303C, D-1
3-Terminal
Both Sides Adjust

Product Dimensions

Traditional SMD Trimpot® Trimming Potentiometer

Suggested PWB Layout

Dimensions: (INCHES)
TOLERANCES: ±0.30 (0.012)  EXCEPT WHERE NOTED

Consult factory for other available options.

**RoHS COMPLIANT**

**ABSOLUTE TOLERANCE**

Features (Continued)

- 3 mm size meets EIA/EIAJ standard trimmer footprint
- RoHS compliant* - see processing information on RoHS compliant surface mount trimmers
- For trimmer applications/processing guidelines, click here

### 3303 - 3 mm SMD Trimpot® Trimming Potentiometer

**Packaging Specifications**

![Trimpot Packaging Specification Diagram](image)

**Standard Resistance Table**

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Part Marking Code</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>12</td>
<td>101</td>
</tr>
<tr>
<td>200</td>
<td>22</td>
<td>201</td>
</tr>
<tr>
<td>500</td>
<td>52</td>
<td>501</td>
</tr>
<tr>
<td>1,000</td>
<td>13</td>
<td>102</td>
</tr>
<tr>
<td>2,000</td>
<td>23</td>
<td>202</td>
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<td>57</td>
<td>504</td>
</tr>
<tr>
<td>1,000,000</td>
<td>58</td>
<td>105</td>
</tr>
</tbody>
</table>

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

**Dimensions:**

<table>
<thead>
<tr>
<th>Tolerances</th>
<th>MM</th>
<th>(Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>±0.25</td>
<td>±0.010</td>
</tr>
</tbody>
</table>

*Trimpot" is a registered trademark of Bourns, Inc.
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The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.