### 3309 - 9 mm Round Trimpot® Trimming Potentiometer

#### Features
- 9 mm Round / Single-Turn / Cermet Industrial / Open Frame
- Top and single side (front) adjust
- Cross slot adjustment design
- Horizontal and vertical mounting styles
- Dust resistant/splash resistant covers
- PC board stand-offs and retention feature

⚠️ This series is obsolete and not recommended for new designs.

**RoHS compliant**

**For trimmer applications/processing guidelines, click here**

#### Electrical Characteristics
- **Standard Resistance Range**
  - 100 ohms to 2 megohms (see standard resistance table)
  - Resistance Tolerance: ±25 % std.
- **Absolute Minimum Resistance**
  - 0.25 % max.
  - (±2K = 30 ohms)
- **Contact Resistance Variation**
  - 3 % max.
- **Resolution**
  - Essentially infinite
- **Adjustment Angle**
  - 235 ° nom.

#### Environmental Characteristics
- **Power Rating (250 volts max.)**
  - 70 °C
- **Temperature Range**
  - -25 °C to +100 °C
- **Temperature Coefficient**
  - ±250 ppm/°C
- **Temperature Change**
  - Δ@ 70 °C (5 %)
- **Load Life**
  - 1,000 hours 0.5 watt
- **Torque (Operating)**
  - 11.0 oz-in. min.
- **Resolution**
  - 11.0 oz-in. min.
- **Temperature Range**
  - ...-25 °C to +100 °C
- **Physical Characteristics**
  - **Mechanical Angle**
    - 260 °±10 °
  - **Torque (Operating)**
    - 5 oz-in. max.
- **Stop Strength**
  - 2 oz-in. nominal
- **Terminals**
  - Solderable pins
- **Marking**
  - Manufacturer’s trademark, resistance code
- **Standard Packaging**
  - 200 pcs. per bag

#### Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
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<tbody>
<tr>
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<tr>
<td>2,000,000</td>
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</tbody>
</table>

Popular distribution resistance values listed in boldface.

#### How To Order
- **Model**
  - 3309 W-1 - 103
- **Style**
  - P = Top adjust
  - W = Single side (front) adjust
- **Rotor Style**
  - -1 = Standard
- **Resistance Code**

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