Features
- 1/4" Round / Single-Turn / Cermet Industrial / Sealed
- 5 standard terminal styles
- Tape and reel packaging available
- Listed on the QPL for style RJ50 per MIL-PRF-22097 and RJR50 per High-Rel MIL-PRF-39035
- RoHS compliant* version available

3329 - 1/4" Round Trimming Potentiometer

Electrical Characteristics
Standard Resistance Range
- 10 to 1 megohm (see standard resistance table)
Resistance Tolerance ..................±10 % std. (closer tolerance available)
Absolute Minimum Resistance
- 1 % or 2 ohms (whichever is greater)
Contact Resistance Variation
- 3.0 % or 3 ohms max. (whichever is greater)
Adjustability
- Voltage ..................±0.05 %
- Resistance ..................±0.15 %
Resolution ..................Infinite
Adjustment Angle ..................240 ° nom.
Dielectric Strength
- Sea Level ..................600 vac
- 80,000 Feet ..................250 vac
Adjustment Angle ..................240 ° nom.

Environmental Characteristics
Power Rating @ 85 °C (300 volts max.)
- 0.5 watt
Power Rating @ 150 °C (50 volts max.)
- 0 watt
Temperature Range .............-55 °C to +150 °C
Humidity ..................MIL-STD-202 Method 106
Vibration ..................30 G (1 %
Shock ..................100 G (1 %
Load Life ..................1,000 hours 0.5 watt @ 85 °C
Rotational Life ..................200 cycles

Physical Characteristics
Mechanical Angle ............260 ° nom.
Torque ..................5.0 oz-in. max.
Stop Strength ..................5.0 oz-in. min.
Terminals .........Solderable pins
Weight ..................0.02 oz.
Marking ..................Manufacturer’s trademark, resistance code, date code, manufacturer’s model number and style
Wiper ..................50 % (Actual TR) ±10 %
Standard Packaging .......50 pcs. per tube
Adjustment Tool ............H-90

Product Dimensions

3329H

3329P

3329S

3329W

3329X

3329-DK9-RC

How To Order

Model
- 3329 M - 1 - 103 LF

Style
- Standard or Modified
- -1 = Standard Product
- -DK9 = Plastic Spacer

Product Indicator
- -1 = Standard Product
- -R = Tape and Reel (M and U Pin Styles Only)
- -A = Ammo Pack (M and U Pin Styles Only)

Resistance Code
- Blank = Tube (Standard)
- R = Tape and Reel (M and U Pin Styles Only)
- A = Ammo Pack (M and U Pin Styles Only)

Packaging Designator
- Blank = Tube (Standard)
- R = Tape and Reel (M and U Pin Styles Only)
- A = Ammo Pack (M and U Pin Styles Only)

Terminals
- LF = 100 % Tin-plated (RoHS compliant)
- Blank = 90 % Tin / 10 % Lead-plated (Standard)
- A = Ammo Pack (M and U Pin Styles Only)

Consult factory for other available options.

*Tolerances: ± 0.25 (.010) except where noted.
Dimensions are: MM (INCHES)

†"Fluorinert" is a registered trademark of 3M Co.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.
3329 - 1/4 " Round Trimming Potentiometer

**Standard Resistance Table**

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>20</td>
<td>200</td>
</tr>
<tr>
<td>50</td>
<td>500</td>
</tr>
<tr>
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</tr>
<tr>
<td>1,000</td>
<td>102</td>
</tr>
<tr>
<td>2,000</td>
<td>202</td>
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<tr>
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<tr>
<td>500,000</td>
<td>504</td>
</tr>
<tr>
<td>1,000,000</td>
<td>105</td>
</tr>
</tbody>
</table>

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

**Packaging Specifications**

**SIDE ADJUST 3329M-1**

- 26.4 ± .76 (1.039 ± .030)
- 12.70 (500) REF.
- 9.4 ± .5 (370 ± .020)
- 4.0 ± .3 (1.57 ± .012) DIA.

**TOP ADJUST 3329U-1**

- 18 ± .76 (.709 ± .030)
- 12.70 ± .3/ - .25 (500 ± .012/ - .010)
- 6.4 ± .25 (240 ± .010)
- 4.0 ± .3 (1.57 ± .012) DIA.

**DIMENSIONS:**
- 2.54 (100)
- All pins in-line on center
- 1000/reel/box

Meets EIA Specification 468.