



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
- For trimmer applications/processing guidelines, [click here](#)

3329 - 1/4" Round Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range 10 to 1 megohm
 (see standard resistance table)
 Resistance Tolerance $\pm 10\%$ 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 $\pm 0.05\%$
 Resistance $\pm 0.15\%$
 Resolution Infinite
 Insulation Resistance 500 vdc.
 1,000 megohms min.
 Dielectric Strength
 Sea Level 600 vac
 80,000 Feet 250 vac
 Adjustment Angle 240° nom.

Environmental Characteristics

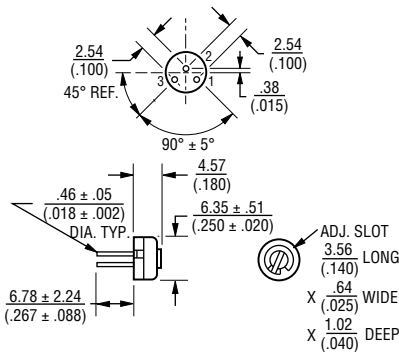
Power Rating @ 85 °C (300 volts max.) 0.5 watt
 Power Rating @ 150 °C 0 watt
 Temperature Range ... -55 °C to +150 °C
 Temperature Coefficient ... ± 100 ppm/°C
 Seal Test 85 °C Fluorinert†
 Humidity MIL-STD-202 Method 103
 96 hours
 (3 % Δ TR, 10 Megohms IR)
 Vibration 30 G (1 % Δ TR; 1 % Δ VR)
 except "P" pin style
 Shock 100 G (1 % Δ TR; 1 % Δ VR)
 Load Life
 1,000 hours 0.5 watt @ 85 °C
 (3 % Δ TR; 3 % CRV)
 Rotational Life 200 cycles
 (4 % Δ TR; 4 % CRV)

Physical Characteristics

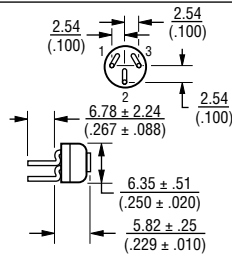
Mechanical Angle 260° nom.
 Torque 5.0 oz-in. max.
 Stop Strength 5.0 oz-in. min.
 Terminals Solderable pins
 Weight 0.02 oz.
 Marking Manufacturer's trademark,
 resistance code, date code,
 manufacturer's model number
 and style
 Wiper 50 % (Actual TR) $\pm 10\%$
 Standard Packaging 50 pcs. per tube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

Product Dimensions

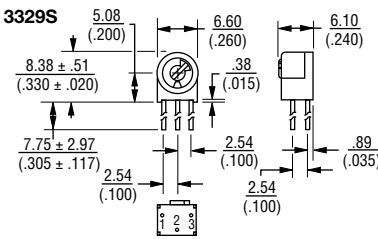
3329H



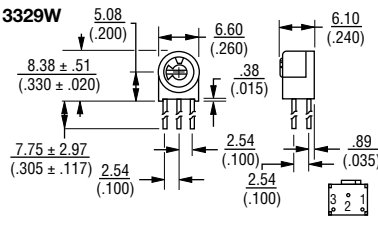
3329P



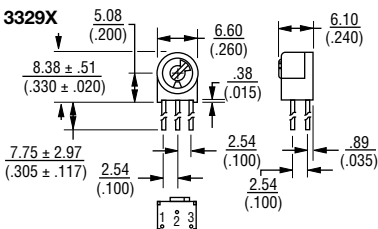
3329S



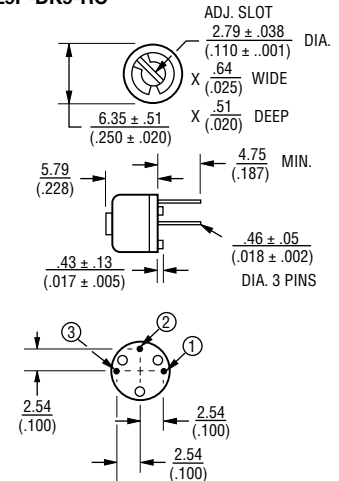
3329W



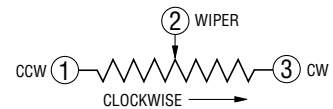
3329X



3329P-DK9-RC



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
 TOLERANCES: $\pm \frac{0.25}{(.010)}$ EXCEPT WHERE NOTED



How To Order

Model **3329 M - 1 - 103 LF**
 Style _____
 Standard or Modified Product Indicator
 -1 = Standard Product
 -DK9 = Plastic Spacer
 Resistance Code _____
 Packaging Designator
 Blank = Tube (Standard)
 R = Tape and Reel (M and U Pin Styles Only)
 A = Ammo Pack (M and U Pin Styles Only)
 Terminations
 LF = 100 % Tin-plated (RoHS compliant)
 Blank = 90 % Tin / 10 % Lead-plated (Standard)
 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.

†"Fluorinert" is a registered trademark of 3M Co.

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.

