



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 106
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

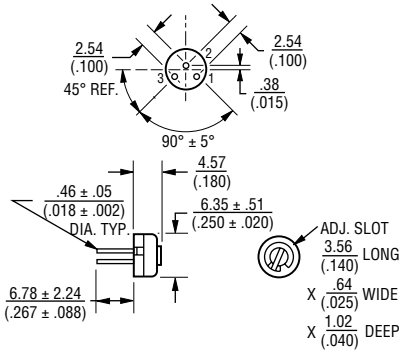
Wiper 50 % (Actual TR) $\pm 10\%$

Standard Packaging 50 pcs. per tube

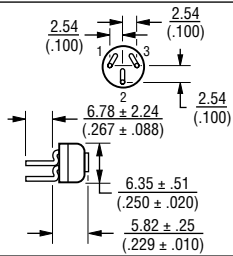
Adjustment Tool H-90

Product Dimensions

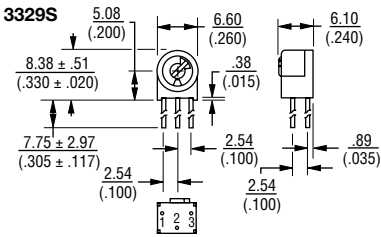
3329H



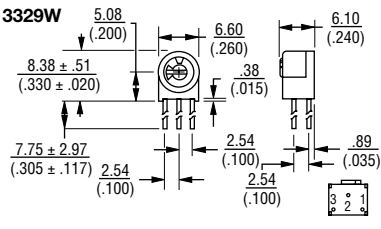
3329P



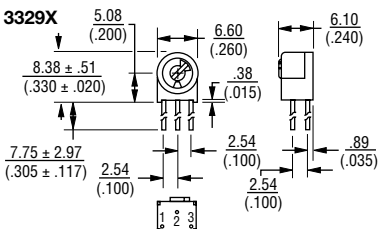
3329S



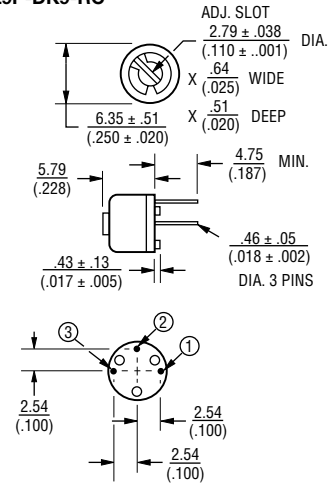
3329W



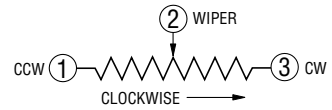
3329X



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.

†"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 Trimpot® Trimming Potentiometer

BOURNS®

Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

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

Packaging Specifications

SIDE ADJUST 3329M-1



ALL PINS IN-LINE ON $\frac{2.54}{(.100)}$ CENTER
 DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
 1000/REEL/BOX

TOP ADJUST 3329U-1



ALL PINS IN-LINE ON $\frac{2.54}{(.100)}$ CENTER
 DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
 1000/REEL/BOX

Meets EIA Specification 468.