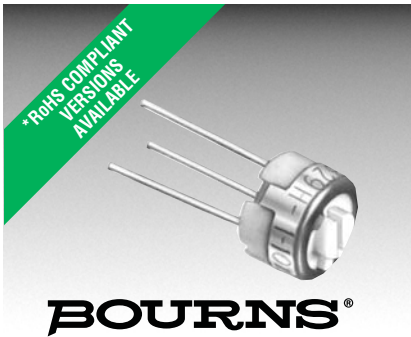




## Features

- 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 .....  $240^\circ$  nom.

## Environmental Characteristics

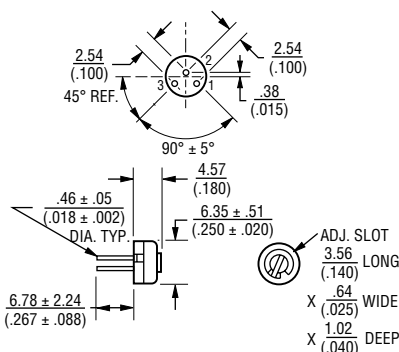
Power Rating @ 85 °C (300 volts max.) .....0.5 watt  
Power Rating @ 150 °C .....0 watt  
Temperature Range ... -55 °C to +150 °C  
Temperature Coefficient ... ±100 ppm/°C  
Seal Test .....85 °C Fluorinert†  
Humidity .....MIL-STD-202 Method 106  
96 hours  
(3 % ΔTR, 10 Megohms IR)  
Vibration ..... 30 G (1 % ΔTR; 1 % ΔVR)  
except “P” pin style  
Shock ..... 100 G (1 % ΔTR; 1 % ΔVR)  
Load Life  
..... 1,000 hours 0.5 watt @ 85 °C  
(3 % ΔTR; 3 % CRV)  
Rotational Life .....200 cycles  
(4 % ΔTR; 4 % CRV)

## Physical Characteristics

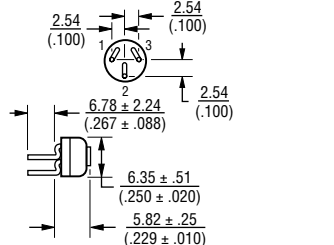
Mechanical Angle ..... 260 ° nom.  
Torque..... 5.0 oz-in. max.  
Stop Strength ..... 5.0 oz-in. min.  
Terminals ..... Solderable pins  
Weight ..... 0.02 oz.  
Marking..... Manufacturer's trademark,  
resistance code, date code,  
manufacturer's model number  
and style  
Wiper ..... 50 % (Actual TR)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

## Product Dimensions

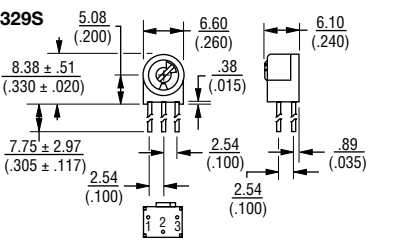
## 3329H



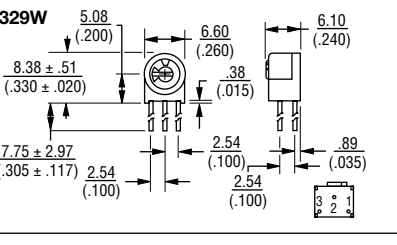
## 3329P



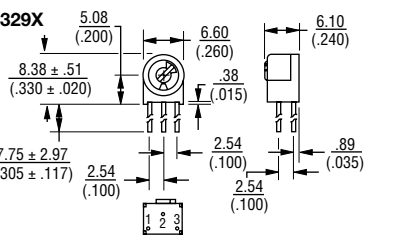
## 3329S



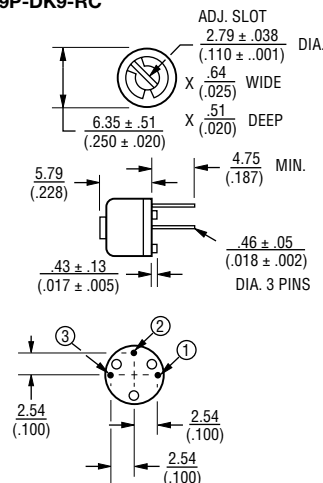
## 3329W



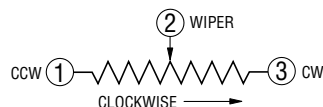
## 3329X



## 3329P-DK9-RC



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



## How To Order

**3329 M - 1 - 103 LF**

Model \_\_\_\_\_

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®**

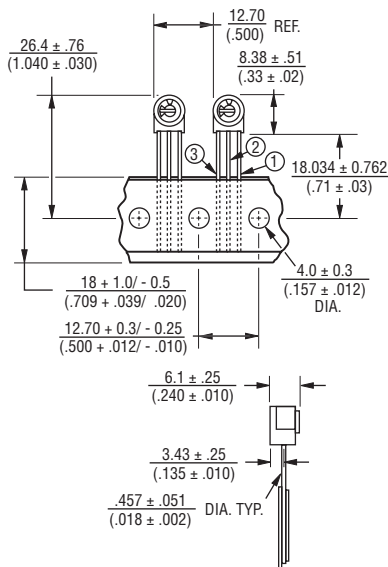
**Standard Resistance Table**

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

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

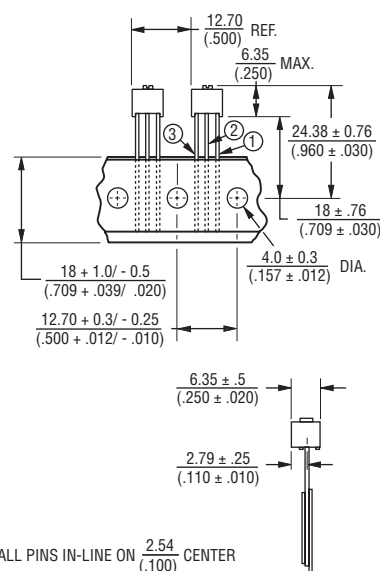
**Packaging Specifications**

**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.

REV. 08/10

"Trimpot" is a registered trademark of Bourns, Inc.  
 Specifications are subject to change without notice.  
 Customers should verify actual device performance in their specific applications.