

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bourns Inc.](#)
[3329P-1-500](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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

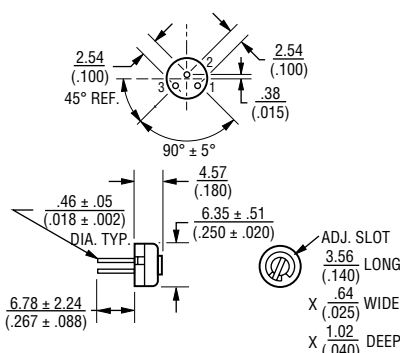
Power Rating @ 85 °C (300 volts max.) 0.5 watt
Power Rating @ 150 °C 0 watt
Temperature Range ... -55 °C to +150 °C
Temperature Coefficient ... ± 100 ppm/°C
Seal Test 85 °C Fluorinert†
Humidity MIL-STD-202 Method 103
96 hours
(3 % Δ TR, 10 Megohms IR)
Vibration 30 G (1 % Δ TR; 1 % Δ VR)
except "P" pin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

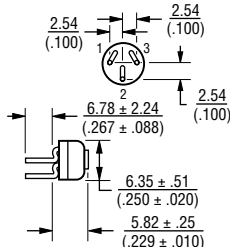
Mechanical Angle 260° nom.
Torque 5.0 oz-in. max.
Stop Strength 5.0 oz-in. min.
Terminals Solderable pins
Weight 0.02 oz.
Marking Manufacturer's trademark,
resistance code, date code,
manufacturer's model number
and style
Wiper 50 % (Actual TR) $\pm 10\%$
Standard Packaging 50 pcs. per tube
Adjustment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

Product Dimensions

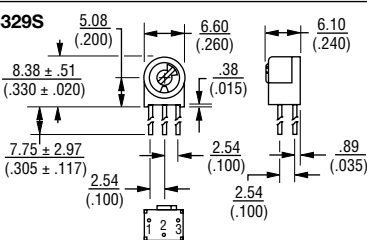
3329H



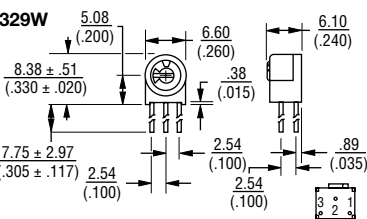
3329P



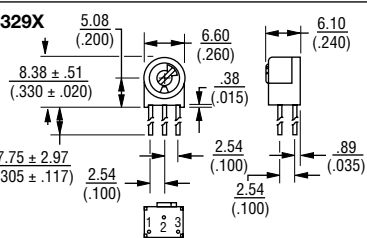
3329S



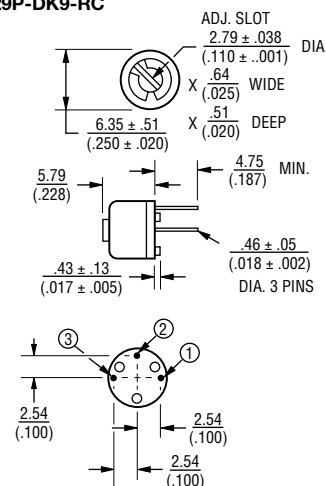
3329W



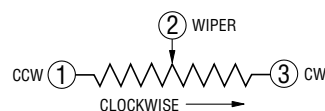
3329X



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.
Tape and reel material meets Antistatic ANSI/ESD 5541-2003 packaging standards.

*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.

3329 - 1/4 " Round Trimpot® Trimming Potentiometer

BOURNS®

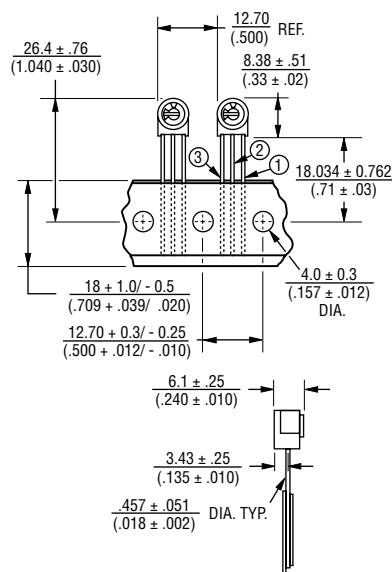
Standard Resistance Table

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**

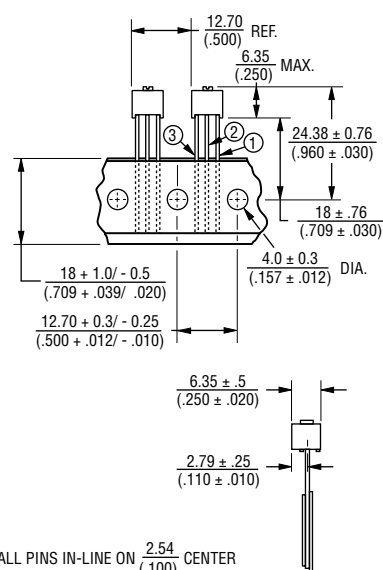


ALL PINS IN-LINE ON $\frac{2.54}{(.100)}$ CENTER

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.

REV. 05/16

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