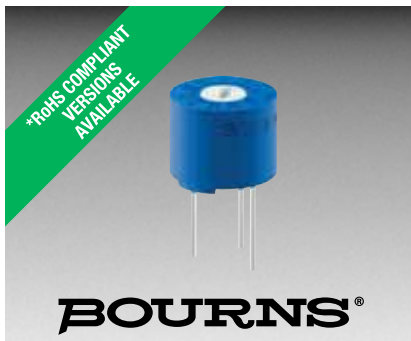




Features

- Four-Turn / Cermet / Industrial / Sealed
- Unique planetary drive offers precise wiper setting of a multiturn in a single-turn package size
- Top and side adjust styles
- RoHS compliant* version available

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

3339 – 5/16" Round Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range	10 to 1 megohm (see standard resistance table)
Resistance Tolerance	±10 % std. (tighter tolerance available)
Absolute Minimum Resistance	1 % or 2 ohms max. (whichever is greater)
Contact Resistance Variation	3 % or 3 ohms max. (whichever is greater)
Adjustability	
Voltage	±0.05 %
Resistance	±0.1 %
Resolution	Infinite
Insulation Resistance	500 VDC 1,000 megohms min.
Dielectric Strength	
Sea Level	600 VAC
80,000 Feet	250 VAC
Effective Travel	4 turns nom.

Environmental Characteristics

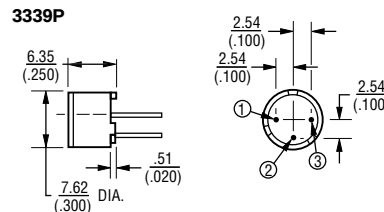
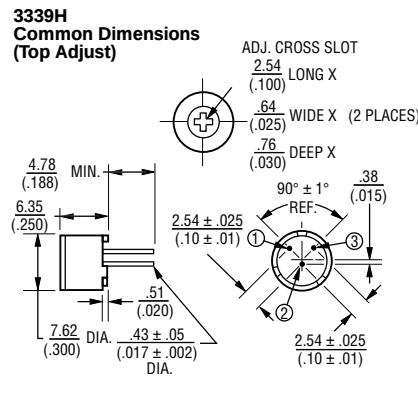
Power Rating (300 volts max.)	
85 °C	0.5 watt
150 °C	0 watt
Temperature Range	-55 °C to +150 °C
Temperature Coefficient	±100 PPM/°C
Seal Test	85 °C
Humidity	MIL-STD-202 Method 103 96 hours (3 % ΔTR, 10 Megohms IR)
Vibration	30 G (1 % ΔTR; 1 % ΔVR)
Shock	100 G (1 % ΔTR; 1 % ΔVR)
Load Life	1,000 hours 0.5 watt @ 85 °C (3 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV)
Rotational Life	200 cycles (3 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV)

Physical Characteristics

Torque	3 oz-in. max.
Mechanical Stops	Wiper idles
Terminals	Solderable pins
Weight	0.02 oz.
Marking	Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style
Wiper	50 % (Actual TR) ±10 %
Flammability	U.L. 94V-0
Standard Packaging	50 pcs. per tube
Adjustment Tool	H-90

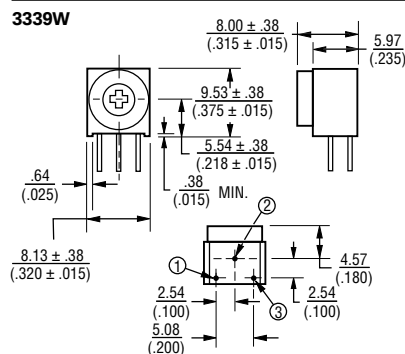
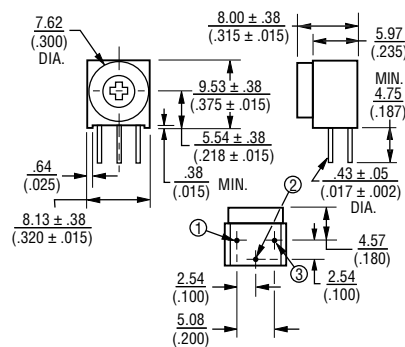
REV. 06/24

Product Dimensions



3339S

Common Dimensions (Side Adjust)



Additional Information

Click these links for more information:



How To Order

3339 H - 1 - 103 LF

Model _____

Style _____

Standard or Modified _____

Product Indicator _____
-1 = Standard Product

Resistance Code _____

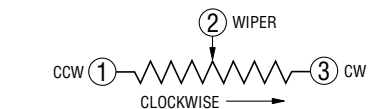
Terminations _____
LF = 100 % Tin-plated (RoHS compliant)
Blank = 90 % Tin / 10 % Lead-plated (Standard)

Consult factory for other available options.

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.



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

TOLERANCES: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

*RoHS Directive 2015/863, Mar. 31, 2015 and Annex
"Trimpot" is a trademark of Bourns, Inc.

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WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

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