

Features

- 9 mm Round / Single Turn / Carbon Commercial / Open Frame
- Top and side adjust
- Cross slot adjustment design
- Horizontal and vertical mounting styles
- Dust resistant/splash resistant covers
- PC board stand-offs and retention feature
- RoHS compliant*
- For trimmer applications/processing guidelines, click here

3319 - 9 mm Round Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
..... 100 to 1 megohm
(see standard resistance table)
Resistance Tolerance ..... ±25 % std.
End Resistance
..... 2 % max. (≤2K = 30 ohms)
Contact Resistance Variation
..... 3 % max.
Resolution ..... Infinite
Adjustment Angle ..... 235 ° nom.

Environmental Characteristics

Power Rating (200 volts max.)
70 °C ..... 0.2 watt
Temperature Range
..... -25 °C to +100 °C
Temperature Coefficient
..... ±1000 ppm/°C
Load Life
..... 1,000 hours 0.2 watt @ 70 °C
(<100K = +3/-7 % ΔTR)
(≥100K = +3/-10 % ΔTR)

Physical Characteristics

Torque (Operating)..... 5 oz-in. max.
Stop Strength ..... 11.0 oz -in. min.
Terminals ..... Solderable pins
Marking..... Manufacturer's trademark, resistance code
Standard Packaging....200 pcs. per bag
Adjustment Tool..... H-90

Aqueous cleaning not recommended

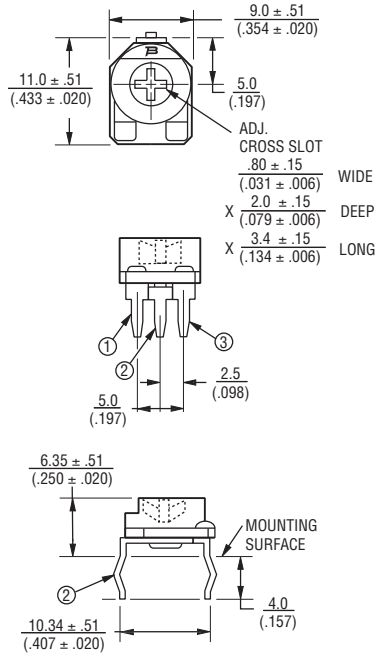
Standard Resistance Table

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

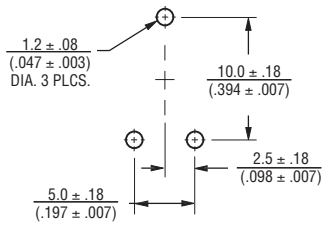
Popular distribution resistance values listed in boldface.

Product Dimensions

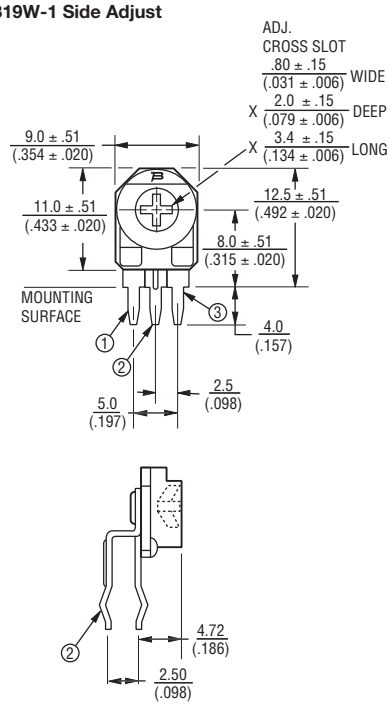
3319P-1 Top Adjust



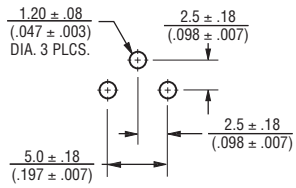
SUGGESTED PWB LAYOUT



3319W-1 Side Adjust

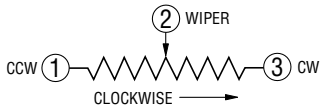


SUGGESTED PWB LAYOUT



DIMENSIONS: MM (INCHES)

TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED



How To Order

3319 W - 1 - 103

Model
Pin Style
P = Top Adjust
W = Side Adjust
Rotor Style
-1 = Standard
Resistance Code

REV. 06/13

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
"Trimpot" is a registered trademark of Bourns, Inc.
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.