



## 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 .....  $\pm 25\%$  std.  
End Resistance ..... 2 % max. ( $\leq 2K = 30$  ohms)  
Contact Resistance Variation ..... 3 % max.  
Resolution ..... Infinite  
Adjustment Angle .....  $235^\circ$  nom.

### Environmental Characteristics

Power Rating (200 volts max.)  
70 °C ..... 0.2 watt  
Temperature Range .....  $-25^\circ\text{C}$  to  $+100^\circ\text{C}$   
Temperature Coefficient .....  $\pm 1000$  ppm/°C  
Load Life ..... 1,000 hours 0.2 watt @ 70 °C  
( $< 100K = +3/-7\%$   $\Delta$ TR)  
( $\geq 100K = +3/-10\%$   $\Delta$ TR)

### 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

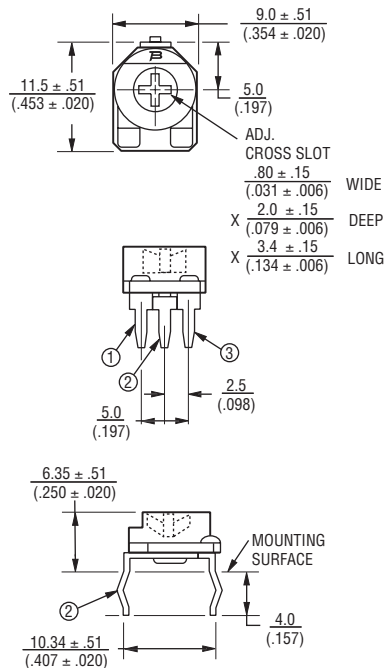
### Standard Resistance Table

| 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             |

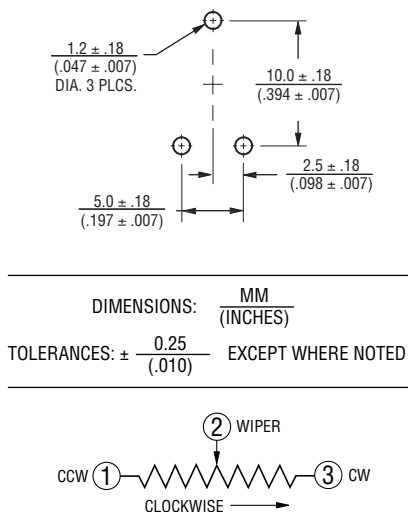
Popular distribution resistance values listed in boldface.

### Product Dimensions

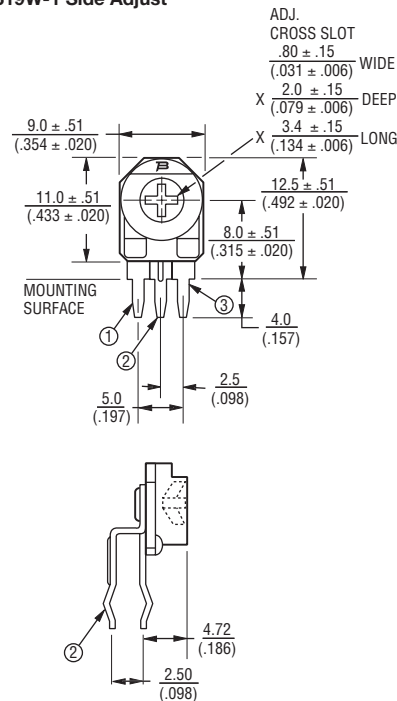
#### 3319P-1 Top Adjust



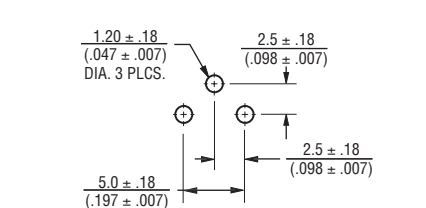
#### SUGGESTED PWB LAYOUT



#### 3319W-1 Side Adjust



#### SUGGESTED PWB LAYOUT



### How To Order

**3319 W - 1 - 103**

Model \_\_\_\_\_

Pin Style \_\_\_\_\_

P = Top Adjust  
W = Side Adjust

Rotor Style \_\_\_\_\_

-1 = Standard

Resistance Code \_\_\_\_\_