



## Features

- 6 mm Round / Single-Turn / Cermet Industrial / Open Frame
- Cross slot adjustment options
- Horizontal and vertical mounting styles
- Dust resistant/splash resistant covers
- PC board stand-offs and retention feature
- Front and top adjust styles
- RoHS compliant\*
- For trimmer applications/processing guidelines, [click here](#)

## 3306 - 6 mm Round Trimpot® Trimming Potentiometer

### Electrical Characteristics

Standard Resistance Range .....100 ohms to 1 megohm  
(see standard resistance table)  
Resistance Tolerance .....  $\pm 25\%$  std.  
(tighter tolerance available)  
Absolute Minimum Resistance ..... 2 % max. ( $\leq 2K = 30$  ohms)  
Contact Resistance Variation . 3 % max.  
Resolution ..... Essentially infinite  
Adjustment Angle ..... 215 ° nom.

### Environmental Characteristics

Power Rating (100 volts max.)  
70 °C ..... 0.2 watt  
Temperature Range ... -25 °C to +100 °C  
Temperature Coefficient ...  $\pm 250$  ppm/°C  
Load Life ..1,000 hours 0.2 watt @ 70 °C  
(5 %  $\Delta$ TR)

### Physical Characteristics

Mechanical Angle ..... 260 °  $\pm 20$  °  
Torque (Operating) ..... 4.5 oz-in. max.  
Stop Strength ..... 6.5 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.

### How To Order

Model **3306 W - 1 - 103**  
Style \_\_\_\_\_  
Standard Product \_\_\_\_\_  
Resistance Code \_\_\_\_\_

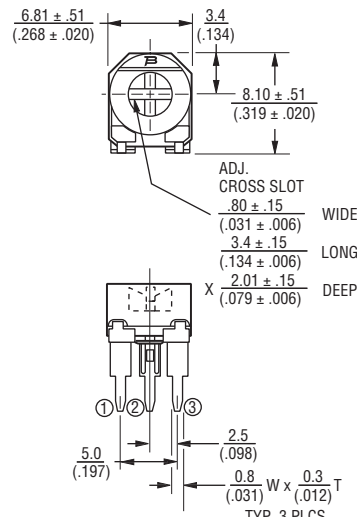
### Standard Resistance Table

Resistance (Ohms)	Resistance Code
<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

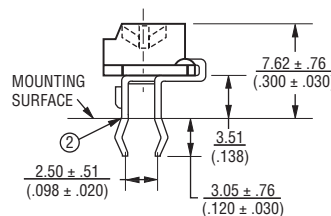
Popular distribution resistance values listed in boldface.

### Product Dimensions

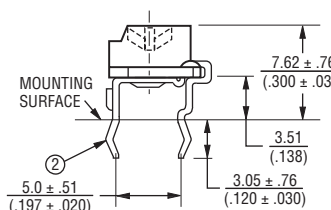
#### Top Adjust Common Dimensions



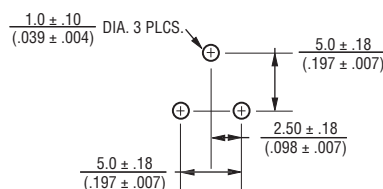
#### 3306P



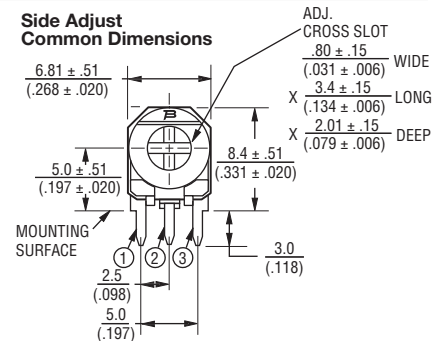
#### 3306F



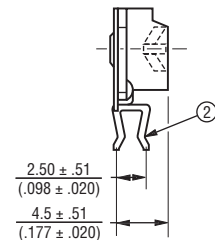
#### SUGGESTED PWB LAYOUT - STYLE F



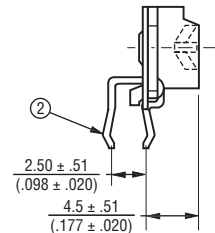
#### Side Adjust Common Dimensions



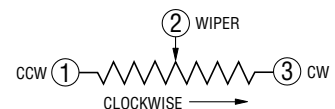
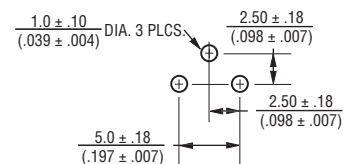
#### 3306W



#### 3306K



#### SUGGESTED PWB LAYOUT - STYLES K, P, W



DIMENSIONS: MM (INCHES)  
TOLERANCES:  $\pm 0.3$  (.012) EXCEPT WHERE NOTED

\*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. Users should verify actual device performance in their specific applications.