

Distributed by:

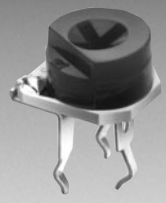
**JAMECO**<sup>®</sup>  
ELECTRONICS

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Jameco Part Number 769979

\*RoHS COMPLIANT



**BOURNS®**

**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\*

**3306 - 6 mm Round Trimming Potentiometer**

**Electrical Characteristics**

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

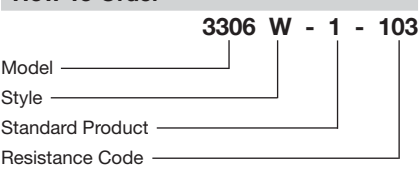
**Environmental Characteristics**

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

**Physical Characteristics**

Mechanical Angle.....260 ° ±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 ....300 pcs. per bag  
 Adjustment Tool .....H-90  
 Aqueous cleaning not recommended

**How To Order**

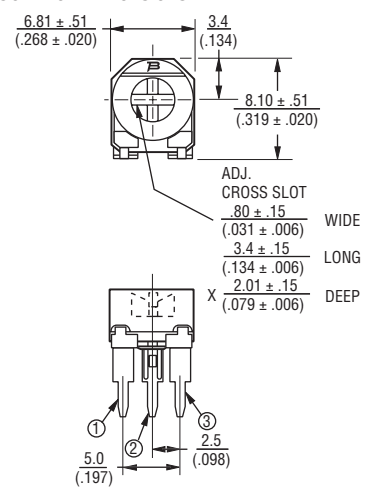


**Standard Resistance Table**

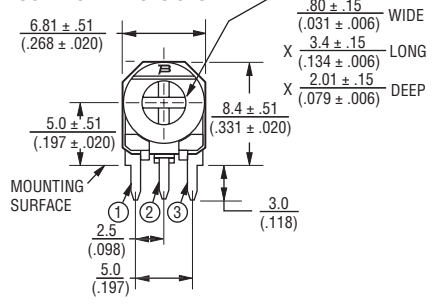
Resistance (Ohms)	Resistance Code
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

Popular distribution resistance values listed in boldface.

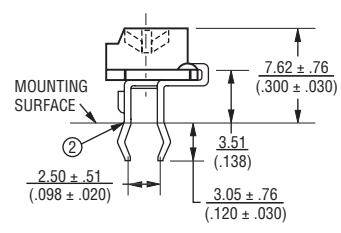
**Top Adjust Common Dimensions**



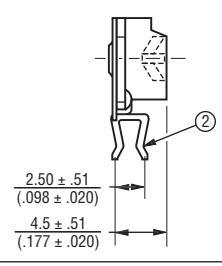
**Side Adjust Common Dimensions**



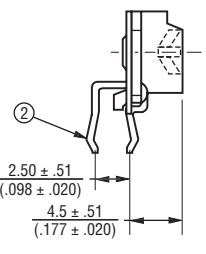
**3306P**



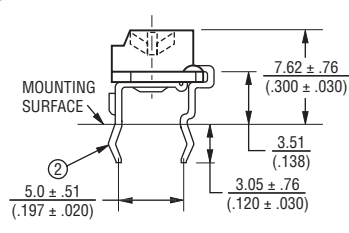
**3306W**



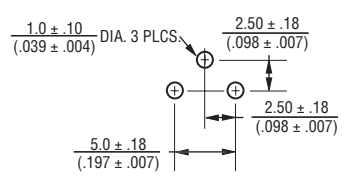
**3306K**



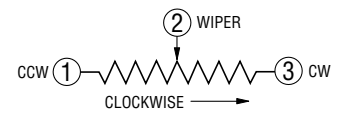
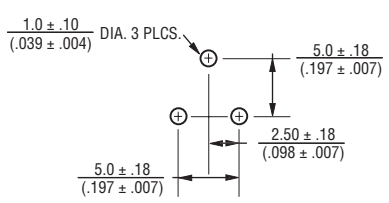
**3306F**



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



**SUGGESTED PWB LAYOUT - STYLE F**



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

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

\*RoHS Directive 2002/95/EC Jan 27 2003 including Annex. Specifications are subject to change without notice. Customers should verify actual device performance in their specific applications.