



# 3590 - Precision Potentiometer

**BOURNS®**

## Recommended Part Numbers

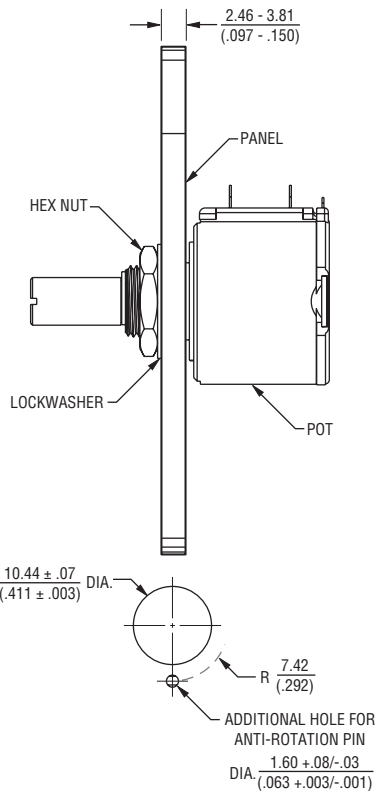
| (Printed Circuit) | (Solder Lug)        | (Solder Lug) | Resistance (Ω) | Resolution (%) |
|-------------------|---------------------|--------------|----------------|----------------|
| 3590P-2-102L      | <b>3590S-2-102L</b> | 3590S-1-102L | <b>1,000</b>   | <b>.029</b>    |
| 3590P-2-202L      | <b>3590S-2-202L</b> | 3590S-1-202L | <b>2,000</b>   | <b>.023</b>    |
| 3590P-2-502L      | <b>3590S-2-502L</b> | 3590S-1-502L | <b>5,000</b>   | <b>.025</b>    |
| 3590P-2-103L      | <b>3590S-2-103L</b> | 3590S-1-103L | <b>10,000</b>  | <b>.020</b>    |
| 3590P-2-203L      | <b>3590S-2-203L</b> | 3590S-1-203L | <b>20,000</b>  | <b>.019</b>    |
| 3590P-2-503L      | <b>3590S-2-503L</b> | 3590S-1-503L | <b>50,000</b>  | <b>.013</b>    |
| 3590P-2-104L      | <b>3590S-2-104L</b> | 3590S-1-104L | <b>100,000</b> | <b>.009</b>    |

**BOLDFACE** LISTINGS ARE IN STOCK AND READILY AVAILABLE THROUGH DISTRIBUTION. FOR OTHER OPTIONS CONSULT FACTORY.

ROHS IDENTIFIER:  
L = COMPLIANT

## Panel Thickness Dimensions

(For Bushing Mount Only)



Anti-rotation pin hole is shown at six o'clock position for reference only. The actual location is determined by the customer's application. Refer to the front view of the potentiometer to see the location of the optional A/R pin.

Panel thickness and hole diameters are recommended for best fit. However, customers may adjust the dimensions to suit their specific application.

## Shaft & Bushing Configurations

(Bushing - DxL, Shaft - D):

- (-1) Plastic Bushing (3/8 " x 5/16 ") and Shaft (.2480 + .001, - .002)
- (-2) **Metal Bushing (3/8 " x 5/16 ") and Shaft (.2497 + .0000, - .0009)**
- (-3) Sealed, Plastic Bushing (3/8 " x 5/16 ") and Shaft (.2480 + .001, - .002)
- (-4) Sealed, Metal Bushing (3/8 " x 5/16 ") and Shaft (.2497 + .0000, - .0009)
- (-5) Metric, Plastic Bushing (9 mm x 7.94 mm) and Shaft (6 mm + 0, - .076 mm)
- (-6) Metric, Metal Bushing (9 mm x 7.94 mm) and Shaft (6 mm + 0, - .023 mm)
- (-7) Metric, Sealed, Plastic Bushing (9 mm x 7.94 mm) and Shaft (6 mm + 0, - .076 mm)
- (-8) Metric, Sealed, Metal Bushing (9 mm x 7.94 mm) and Shaft (6 mm + 0, - .023 mm)

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Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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