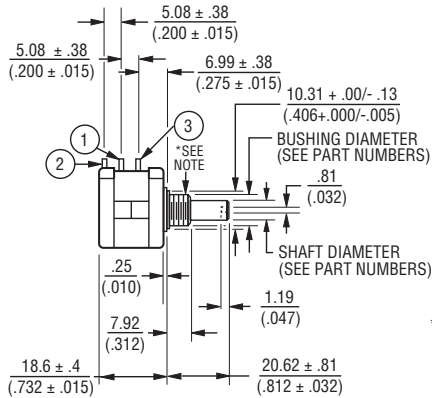


3590 - Precision Potentiometer

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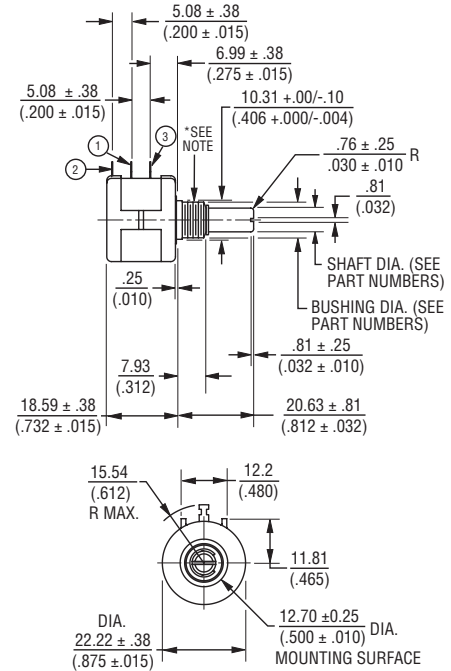
Product Dimensions

-1, -3, -5, -7 Configurations

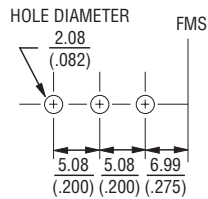


*BUSHING THREAD SPECIFICATIONS:
-1, -2, -3, -4 3/8-32 UNF
-5, -6, -7, -8 M9 x 0.75-7H

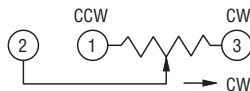
-2, -4, -6, -8 Configurations



Recommended PCB Layout



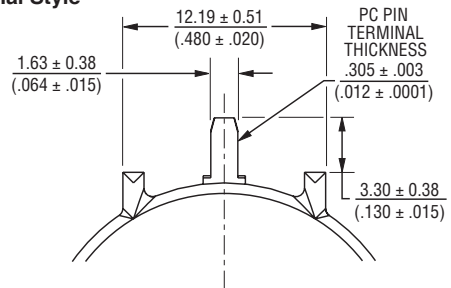
Schematic



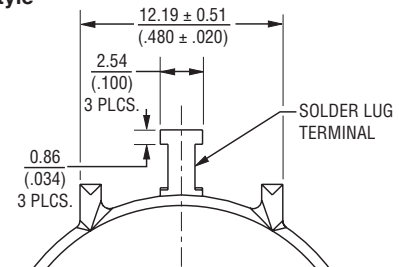
TOLERANCES: EXCEPT WHERE NOTED
DECIMALS: $XX \pm .508$ (.02), $.XXX \pm .127$ (.005)
FRACTIONS: $\pm 1/64$
DIMENSIONS: $\frac{MM}{(IN.)}$

Terminal Styles

"P" Terminal Style



"S" Terminal Style



Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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3590 - Precision Potentiometer

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Recommended Part Numbers

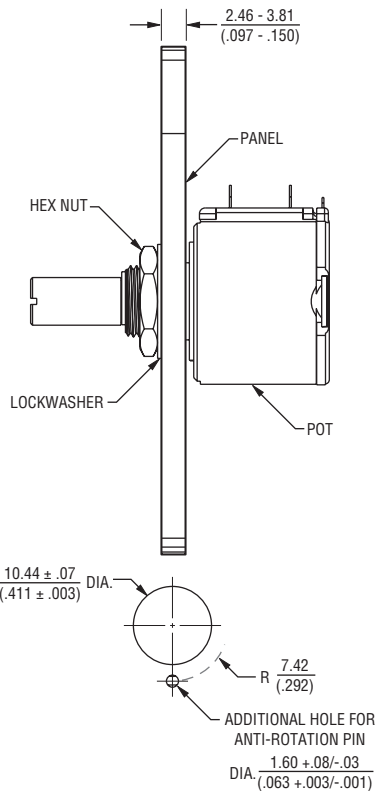
(Printed Circuit)	(Solder Lug)	(Solder Lug)	Resistance (Ω)	Resolution (%)
3590P-2-102L	3590S-2-102L	3590S-1-102L	1,000	.029
3590P-2-202L	3590S-2-202L	3590S-1-202L	2,000	.023
3590P-2-502L	3590S-2-502L	3590S-1-502L	5,000	.025
3590P-2-103L	3590S-2-103L	3590S-1-103L	10,000	.020
3590P-2-203L	3590S-2-203L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

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)

REV. 12/20

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Users should verify actual device performance in their specific applications.

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