

Features

- Sealed construction (housing sealing according to DIN IEC 68 part 2 17 Qc2)
- Additional models and versions available; e.g., locking bushing for locking the shaft
- Cermet resistive element

0620 - Rotary Potentiometer

Additional Information

Click these links for more information:











INVENTORY

SAMPLES

CONTACT

Characteristics

Mechanical Angle	285 ° +0 °/-5 °
Starting Torque	0.5 to 1.5 Ncm
End Stop Strength	40 Ncm max.
Shaft Push-Pull Force	
Resistance Range	

100 ohms to 1 megohr	n
Resistance CurveLinea	ar
Power Rating (Voltage limited	
bu nouse discipation or 000 VAC	

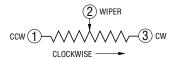
by power dissipation or 320 VAC, whichever is less)

+85 °C	. 1	W
+110 °C	.4	W
Insulation Resistance (500 VAC)		
10.000	. 1	

10,000 megohms
Temperature Range55 °C to +125 °C
Rotational Life25,000 cycles
Moisture Sensitivity Level 1
ESD Classification (HBM)N/A

Standard Resistance Table

Resistance (Ohms)	Resistance Code	
100	101	
220	221	
470	471	
1,000	102	
2,200	222	
4,700	472	
10,000	103	
22,000	223	
47,000	473	
100,000	104	
220,000	224	
470,000	474	
1,000,000	105	



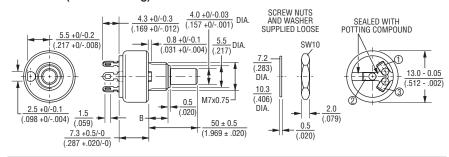
Bushing Dimensions

Dim.	Bushing Type		
DIM.	Н	U	G
В	$\frac{5.0 \pm 0.05}{(.197 \pm .002)}$	$\frac{8.0 \pm 0.05}{(.315 \pm .002)}$	$\frac{12.0 \pm 0.05}{(.472 \pm .002)}$

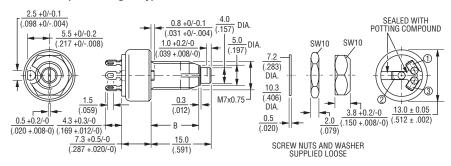
WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

Product Dimensions

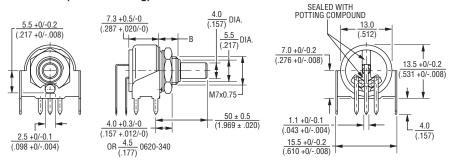
0620-013 (H or U Bushing)



0620-057 (G Bushing Only)



0620-313 (H or U Bushing)



Recommended PCB Layout



(.197) (.197)DIA. |.3 +0.1/-0 $\overline{(.051 + .004/-0)}$ 15.0 (.591)(.098)

Users should verify actual device performance in their specific applications.

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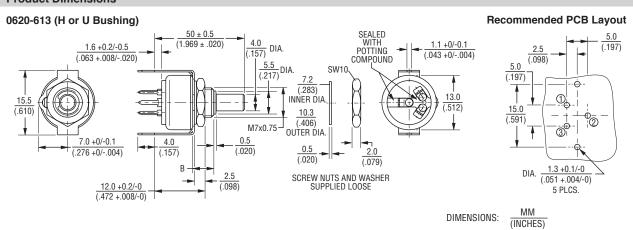
^{*}RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

0620 - Rotary Potentiometer

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Product Dimensions

How to Order



0620 - 013 U 500 - A B 103 Model Type 0620 types only) 057 (Locking bushing, Available with G bushing type only) 313 (Available with H & U bushing types only) 613 (Available with H & U bushing types only) Other versions available upon request. Bushing & Shaft Type —— U = 7 mm D x 8 mm L, Shaft 4 mm D H = 7 mm D x 5 mm L,Shaft 4 mm D G = 7 mm D x 12 mm L, Shaft 4 mm D Shaft Length —— 500 = 50 mm Other lengths available upon request. Independent Linearity $\dot{A} = \pm 5 \%$ Other versions available upon request. Element Taper B = Linear Cermet ±20 % E = Linear Cermet ±10 %

Other versions available upon request.

L = Linear Cermet ± 5 %

REV. 12/21

Resistance Code

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