

Features

- Snap-in or bushing mount options
- Standard resistance values available
- Digital dial provides excellent readability

Additional Information

Click these links for more information:











BOURNS 3610 - 10-Turn Precision Knobpot[®]

andard Resistance Range	
	±5
	3600 ° nomin
electric Withstanding Voltage (MIL-STD-202, Method	
Soal aval	1,000 VAC minimu
70 000 Foot	400 VAC minimu
ower Rating (Voltage Limited By Power Dissipation o	
. 25 °C	1.5 wa
+20 0	1.5 Wd
esolution	See recommended part number
ccuracy (Correlation of Dial Readout to Voltage Ratio	Output)±0.5 % voltage ra
epeatability of Dial Readout	±0.1 % voltage ra
Environmental Characteristics ¹	
	+1 °C to +85
	-25 °C to +85
	nge2±50 ppm/°C maximum/w
	±2 % maxim
	±0.2 % maxim
	±2 % maximu
	±0.2 % maximi
	1,000 hours, 1.5 wa
	±2 % maximi
	50,000 shaft revolution
oisture Resistance (MIL-STD-202, Method 103, Con	
	±2 % maximi
3	
Mechanical Characteristics ¹	
oldering Condition	·
Manual Soldering	96.5Sn/3.0Ag/0.5Cu solid wire or no-clean rosin cored wire; 370 °C (700 °F) max. for 3 secon
	96.5Sn/3.0Ag/0.5Cu solder with no-clean flux; 260 °C (500 °F) max. for 5 secon
	Not recommend

¹At room ambient: +25 °C nominal and 50 % relative humidity nominal, except as noted.

Recommended Part Numbers

Part Number	Resistance (Ω)	Resolution (%)
3610S-1-102	1,000	.035
3610S-1-502	5,000	.027
3610S-1-103	10.000	.022

Part Number	Resistance (Ω)	Resolution (%)
3610S-2-102	1,000	.035
3610S-2-502	5,000	.027
3610S-2-103	10.000	.022

BOLDFACE LISTINGS ARE IN STOCK AND READILY AVAILABLE THROUGH DISTRIBUTION.

FOR OTHER OPTIONS AND RESISTANCE VALUES, PLEASE CONSULT THE FACTORY.

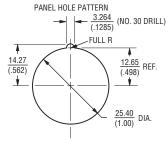


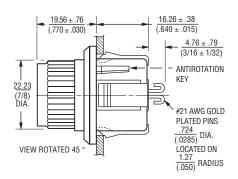
[&]quot;Knobpot" is a registered trademark of Bourns, Inc.

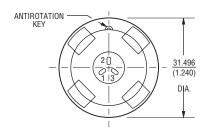
^{*}RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

Product Dimensions

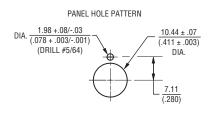
3610S-1

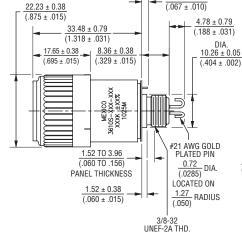


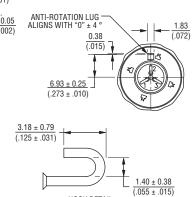












HOOK DETAIL

TOLERANCES: EXCEPT WHERE NOTED DECIMALS: $XX \pm \frac{.25}{(.010)}$, $XXX \pm \frac{.13}{(.005)}$ FRACTIONS: $\pm 1/64$ DIMENSIONS: $\frac{MM}{(IN.)}$

1.70 ± 0.25

REV. 05/22

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