

Features

- Conductive plastic
- PC board and bushing mount
- Plastic or metal bushing and plastic shaft
- Withstands typical industrial washing processes
- Compact package saves board and panel space

Additional Information

Click these links for more information:











3310 – 9 mm Square Sealed Panel Control

Electrical Characteristics	i e e e e e e e e e e e e e e e e e e e
	ear
	ar Tapers±20 %
	±5 %
	2 % or 2 ohms maximum (whichever is greater)
	270°±15°
Dielectric Withstanding Voltage (M	MIL-STD-202 – Method 301)
Sea Level	900 VAC minimum
Power Rating @ 70 °C (Derate to	o at 125 °C - Voltage Limited By Power Dissipation or 200 VAC, Whichever is Less)
Theoretical Resolution	Essentially infinite
Environmental Characteri	stics
Operating Temperature Range	
	55 °C to +125 °C (-67 °F to +257 °F)
Temperature Coefficient Over Sto	orage Temperature Range±1,000 ppm/°C
Vibration	
Total Resistance Shift	±1 % maximum
	±1 % maximum
	100 G
	±1 % maximum
	±1 % maximum
	1,000 hours
	±10 % TRS maximum
	50,000 cycles
	±5 % TRS maximum
	MIL-STD-202, Method 103, Condition B
	±10 % TRS maximum
	IP67
	1 N/A
Mechanical Characteristic	
Stop Strength	
Mechanical Angle	
Torque	
Starting	
)
Weight (Single Section)	
•	
Soldering Condition	
Wash Processes	
Ganging	2 cups maximum
	e lockwasher (H-37-5) and one mounting nut (H-38-1) is shipped with each potentiometer, except bushingless versions
Switch Characteristics	
	10K cycles
	2 ohms max
	350 VDC
ě .	
•	100 mA @ 16 VDC
,	60 RPM, at room ambient: +25 °C nominal.
	and the second s



Additional Features

- Audio taper versions available as special order
- RoHS compliant*

3310 - 9 mm Square Sealed Panel Control

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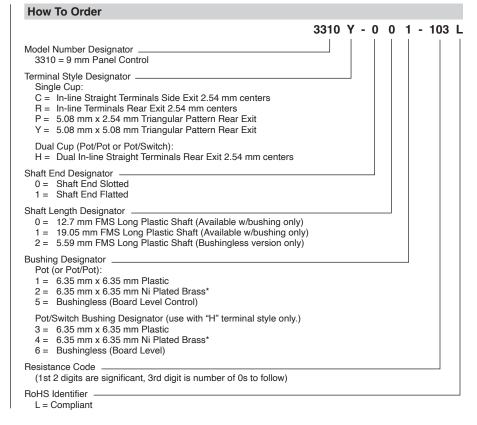
Standard Resistance Table

Resistance (Ohms)	Resistance Code
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105

Popular values listed in boldface. Consult factory for special resistances.

Date Code Description



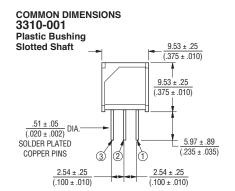


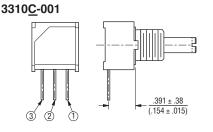
*Bushing Designator 2 and 4 are currently available, but not recommended for new designs.

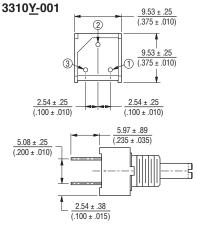
3310 - 9 mm Square Sealed Panel Control

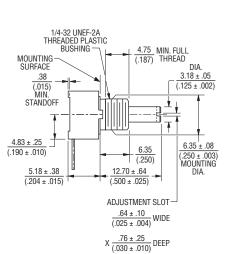
BOURNS®

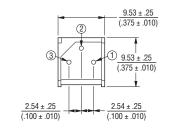
Product Dimensions





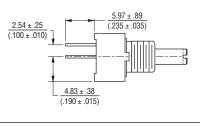


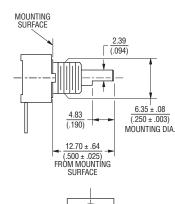


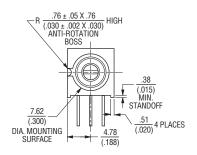


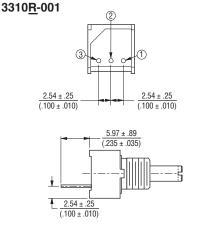
3310P-001





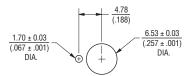








MOUNTING HOLE PATTERN



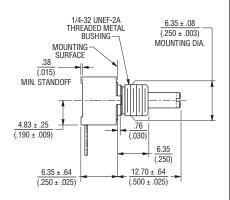
DIMENSIONS: $\frac{MM}{(INCHES)}$

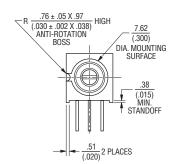
3310 – 9 mm Square Sealed Panel Control

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Product Dimensions

COMMON DIMENSIONS 3310-002 Metal Bushing

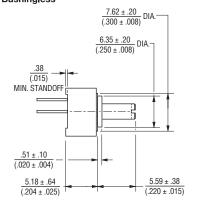


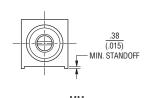


3310<u>C</u>-00<u>2</u> B C A 5.08 ± .51 (200 ± .020)

NOTE: * Only recommended shaft length for bushingless version

3310<u>P</u>-0<u>25</u> * Bushingless



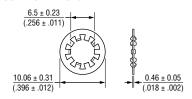


(INCHES)

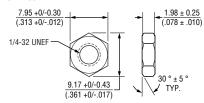
DIMENSIONS:

Hardware

LOCKWASHER H-37-5



NUT H-38-1



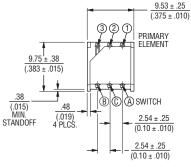
DIMENSIONS: $\frac{MM}{(INCHES)}$

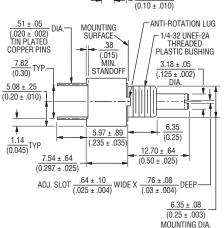
3310 - 9 mm Square Sealed Panel Control

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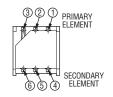
Product Dimensions

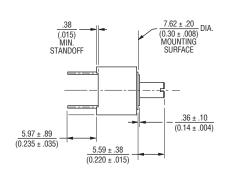
COMMON DIMENSIONS 3310H-003
Pot/Switch Dual Cup
Plastic Bushing



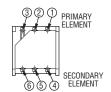


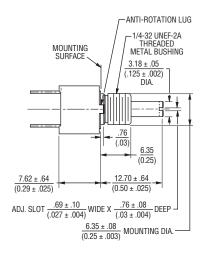
3310<u>H</u>-0<u>25</u>* Pot/Pot Dual Cup Bushingless



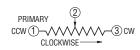


3310<u>H</u>-002 Pot/Pot Dual Cup Metal Bushing





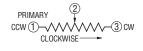
Pot/Pot Dual Cup





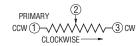
DIMENSIONS: $\frac{MM}{(INCHES)}$

Pot/Switch Dual Cup



© COMMON SWITCH CCW (A)—O O—(B) CW CLOCKWISE——

Pot Single Cup



NOTE: * Only recommended shaft length for bushingless version

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