

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

3310 – 9 mm Square Sealed Panel Control

	ics ¹	
Standard Resistance Range	Linear	1 K ohms to 1 megohr
	Linear Tapers	
ndependent Linearity		±5 °
	1%	
	je (MIL-STD-202 – Method 301)	
		900 VAC minimu
•		
	e to 0 at 125 °C - Voltage Limited By Power Dissipation or 200 VAC, Whichever is Less)	
	o to that 120 to Tollago Eliminos by Fortor Bloopalion of 200 Wite, Thilosophia 2000)	
Environmental Charac		•
	e40 °C	to .105 °C / 40 °E to .057 °I
	55 °C	
emperature Coefficient Over	Storage Temperature Range	±1,000 ppm/°
Total Resistance Shift		±5 % TRS maximu
Contact Resistance Varia	tion	r 3 ohms (whichever is greate
Noisture Resistance		-202, Method 103, Condition
Total Resistance Shift		±10 % TRS maximu
P Rating		IP6
Noisture Sensitivity Level		
SD Classification (HBM)		N
Mechanical Characteri	stics	
Stop Strenath		5.65 N-cm (8 ozin
		300 ° nomin
/lechanical Angle		300 ° nomin
lechanical Angle orque		
flechanical Angleorque Starting	3.	53 N-cm (5.0 ozin.) maximu
lechanical Angleorque StartingRunning		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu
Mechanical Angleorque Starting Running Mounting (Torque on Busl		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin
lechanical Angle orque Starting Running Mounting (Torque on Busi /eight (Single Section)		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushir 4.5 grar
lechanical Angle orque Starting Running Mounting (Torque on Bus Jeight (Single Section) (Each Additional Section)		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin 4.5 gran 2.5 gran
lechanical Angle orque Starting Running Mounting (Torque on Busl /eight (Single Section) (Each Additional Section) erminals		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin 4.5 gran 2.5 gran
lechanical Angle orque Starting Running Mounting (Torque on Busi /eight (Single Section) (Each Additional Section) erminals Soldering Condition	ning)	53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushir 4.5 grar 2.5 grar Solderable pi
lechanical Angle orque Starting Running Mounting (Torque on Busi /eight (Single Section) (Each Additional Section) erminals Soldering Condition Manual Soldering	ning)	53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushir
lechanical Angle Drque Starting Running Mounting (Torque on Busileight (Single Section) (Each Additional Section) erminals Soldering Condition Manual Soldering Wave Soldering	ning)	53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushir
lechanical Angle prque Starting Running Mounting (Torque on Busileight (Single Section) (Each Additional Section) erminals Soldering Condition Manual Soldering Wave Soldering Wash Processes	ning)	53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushir 4.5 grar 2.5 grar Solderable pi °C (700 °F) max. for 3 secon °C (500 °F) max. for 5 secon w.bourns.com/pdfs/sldclen.p
lechanical Angle prque Starting	ning)	53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushir
lechanical Angle prque Starting Running Mounting (Torque on Busileight (Single Section) (Each Additional Section) erminals Soldering Condition Manual Soldering Wave Soldering Wash Processes larking		53 N-cm (5.0 ozin.) maximum 53 N-cm (5.0 ozin.) maximum 7.0 lbin.) max [metal bushin 4.5 grar 2.5 grar 3.5 grar 3.5 grar 2.5 grar 2.
lechanical Angle prque Starting		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin
lechanical Angle		53 N-cm (5.0 ozin.) maximum 53 N-cm (5.0 ozin.) maximum 7.0 lbin.) max [metal bushin 4.5 grar 2.5 grar 2.5 grar Solderable pinch 60 °C (700 °F) max. for 3 secon www.bourns.com/pdfs/sldclen.presistance code and date comparts of the c
lechanical Angle		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin 4.5 gran 2.5 gran Solderable pii °C (700 °F) max. for 3 secone °C (500 °F) max. for 5 secone w.bourns.com/pdfs/sldclen.p resistance code and date code 2 cups maximu er, except bushingless versio
lechanical Angle		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin 4.5 gran 2.5 gran Solderable pii °C (700 °F) max. for 3 secone °C (500 °F) max. for 5 secone w.bourns.com/pdfs/sldclen.p resistance code and date code 2 cups maximu er, except bushingless versio
lechanical Angle		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin 4.5 grar 2.5 grar Solderable pi °C (700 °F) max. for 3 secon °C (500 °F) max. for 5 secon w.bourns.com/pdfs/sldclen.presistance code and date coo 2 cups maximu er, except bushingless versio
lechanical Angle		53 N-cm (5.0 ozin.) maximu (5.3 N-cm (5.0 ozin.) maximu (7.0 lbin.) max [metal bushin 4.5 grar 2.5 grar Solderable pi
Mechanical Angle		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin 4.5 gran 2.5 gran Solderable pi °C (700 °F) max. for 3 secone °C (500 °F) max. for 5 secone vw.bourns.com/pdfs/sldclen.presistance code and date cor 2 cups maximu er, except bushingless version Conforms to UL94V IPC
Mechanical Angle		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin 4.5 gran 2.5 gran Solderable pi °C (700 °F) max. for 3 secone °C (500 °F) max. for 5 secone w.bourns.com/pdfs/sldclen.presistance code and date cod 2 cups maximu er, except bushingless version Conforms to UL.94V Conforms to UL.94V
Mechanical Angle		53 N-cm (5.0 ozin.) maximu 53 N-cm (5.0 ozin.) maximu 7.0 lbin.) max [metal bushin 4.5 gran 2.5 gran Solderable pir C (700 °F) max. for 3 second w.bourns.com/pdfs/sldclen.presistance code and date cod cyc. (500 °F) max. for 5 second w.bourns.com/pdfs/sldclen.presistance code and date cod Conforms to UL94V Conforms to UL94V LP6 10K cycle 2 ohms ma 350 VD



Additional Features

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

3310 - 9 mm Square Sealed Panel Control

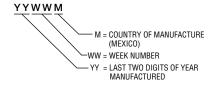
BOURNS

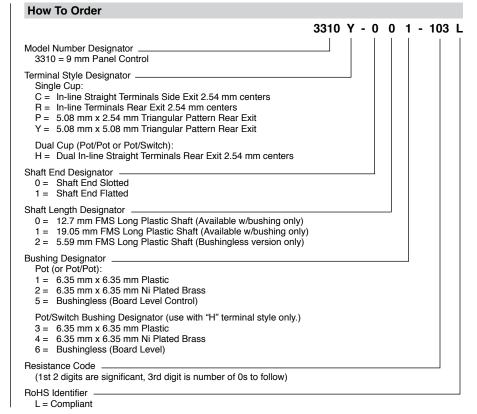
Standard Resistance Table

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

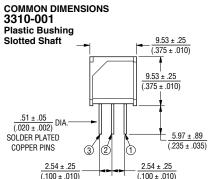


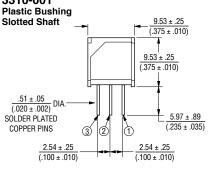


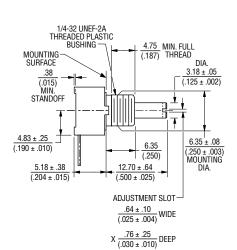
3310 – 9 mm Square Sealed Panel Control

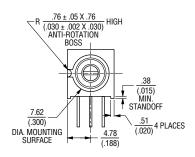
BOURNS

Product Dimensions

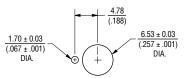


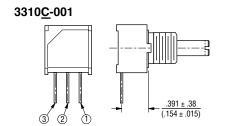




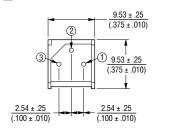


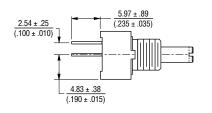
MOUNTING HOLE PATTERN

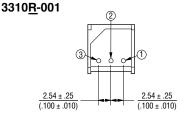


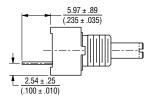


3310P-001

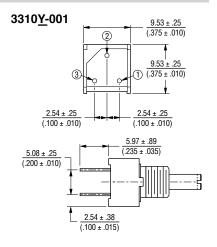




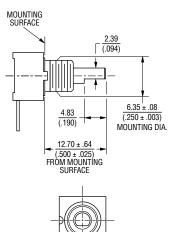




MM DIMENSIONS: (INCHES)



COMMON DIMENSIONS 3310C-101 Plastic Flatted Shaft



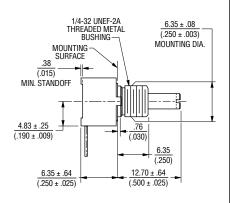


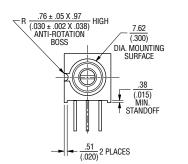
3310 – 9 mm Square Sealed Panel Control

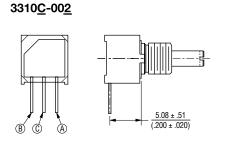
BOURNS

Product Dimensions

COMMON DIMENSIONS 3310-002 Metal Bushing

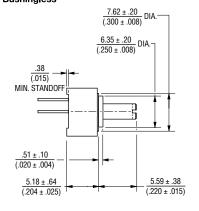


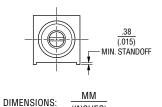




NOTE: * Only recommended shaft length for bushingless version

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

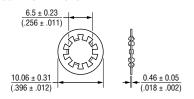




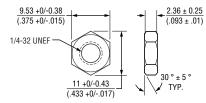
(INCHES)

Hardware

LOCKWASHER H-37-5



NUT H-38-1



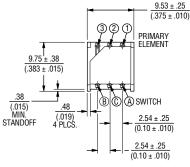
DIMENSIONS: $\frac{MM}{(INCHES)}$

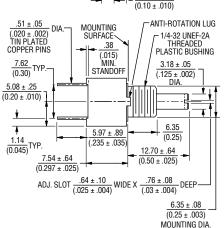
3310 - 9 mm Square Sealed Panel Control

BOURNS

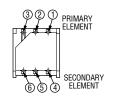
Product Dimensions

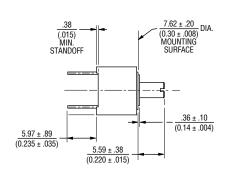
COMMON DIMENSIONS 3310H-003
Pot/Switch Dual Cup
Plastic Bushing



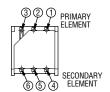


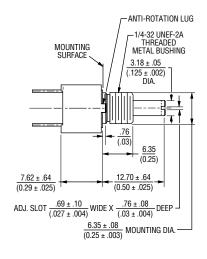
3310<u>H</u>-0<u>25</u>* Pot/Pot Dual Cup Bushingless



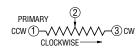


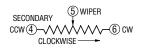
3310<u>H</u>-002 Pot/Pot Dual Cup Metal Bushing





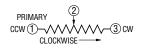
Pot/Pot Dual Cup





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

Pot/Switch Dual Cup



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

Pot Single Cup

PRIMARY (2) CCW (1)—VVVVV—(3) CW CLOCKWISE—

NOTE: * Only recommended shaft length for bushingless version

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