Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
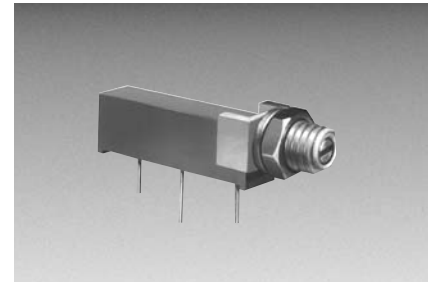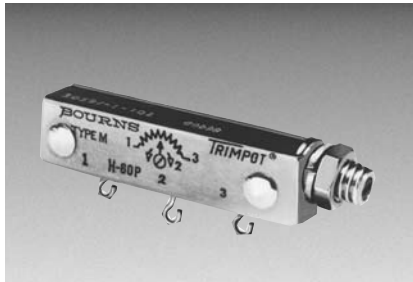

Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Factory Installed Panel Mount

TRIMPOT® POTENTIOMETER PANEL MOUNTING OPTIONS AND HARDWARE

Many Trimpot® Potentiometers are available for panel mount application.

This product option provides for maximum design flexibility.

To order Trimpot® Potentiometers with panel mount hardware attached by the factory, simply add an "M" or "Z" suffix to the Bourns part number per Table I.

Example:
3006P-1-100Z

To order military Trimpot® Potentiometers with panel mount hardware attached by the factory, order the military part number and add "with panel mount attached."

Example:
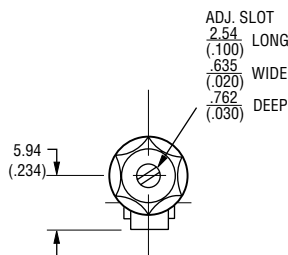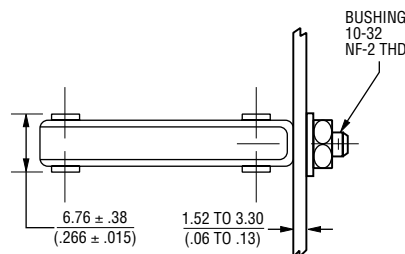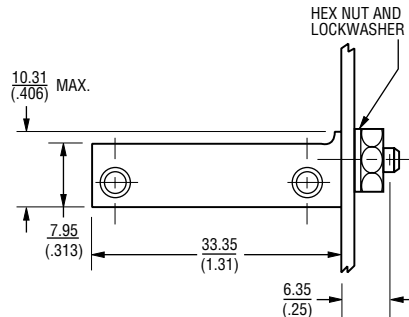RT12C2PRC, with panel mount attached.

To order panel mounting accessories for customer installation, simply use the part number per Table II.

Example:
H83P

NOTE: For complete product specifications, see data sheet for the trimmer model.

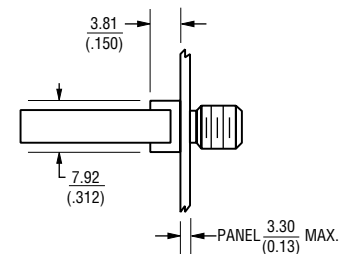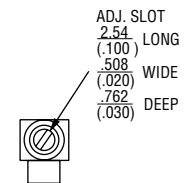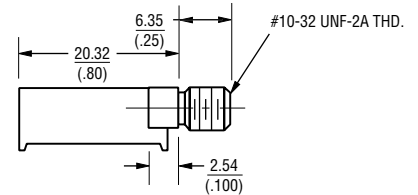**Torque - Apply maximum 8 in. lbs. on mounting nut when mounted on panel.**
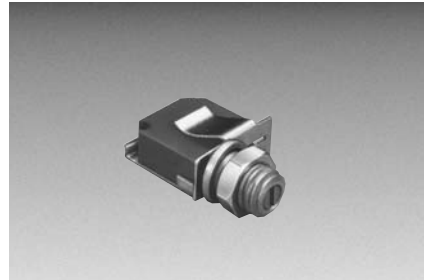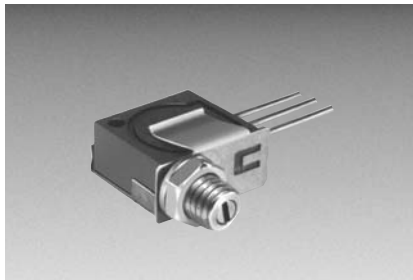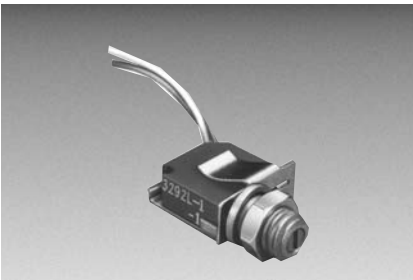
Models RT12/RJ12, 3057/3059

Models 3005/3006/3009

NOTES:

1. PROVIDED WITH LOCKWASHER AND MOUNTING NUT.
2. RECOMMEND PANEL HOLES. #10 DRILL $\frac{.194}{(.008)}$

NOTES:

1. PROVIDED WITH LOCKWASHER AND MOUNTING NUT.
2. RECOMMEND PANEL HOLE SIZE #7 DRILL $\frac{.200}{(.008)}$
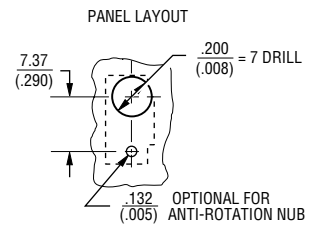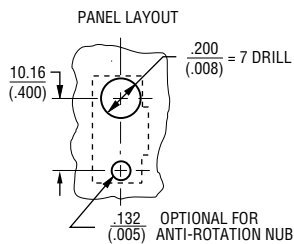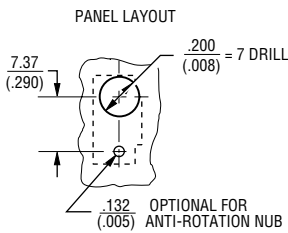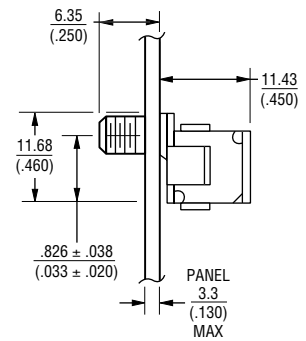
Factory Installed Panel Mount

BOURNS®

Models 3292

X, L and W Styles

6.10 (.240)
3.05 (.120)

BUSHING 10-32 UNF-2A THD.

ADJ. SLOT
.243 (.010) LONG
.064 (.003) WIDE
.064 (.003) DEEP

OPT. BEND DOWN ANTI-ROTATION TAB

6.35 (.250)
10.92 (.430)
11.68 (.460)
.826 ± .038 (.033 ± .020)

PANEL 3.3 (.130) MAX

PANEL LAYOUT

7.37 (.290)
.200 (.008) = 7 DRILL

.132 (.005) OPTIONAL FOR ANTI-ROTATION NUB

NOTES:

1. PROVIDED WITH LOCKWASHER AND MOUNTING NUT.

Models RT22/RTR22/RJ22 3250/3252

7.62 (.300)
4.06 (.160)

BUSHING 10-32 UNF-2A THD.

ADJ. SLOT
.243 (.010) LONG
.064 (.003) WIDE
.064 (.003) DEEP

OPT. BEND DOWN ANTI-ROTATION TAB

6.35 (.250)
13.97 (.550)
14.99 (.590)
11.43 (.450)

PANEL 3.3 (.130) MAX

PANEL LAYOUT

10.16 (.400)
.200 (.008) = 7 DRILL

.132 (.005) OPTIONAL FOR ANTI-ROTATION NUB

NOTES:

1. PROVIDED WITH LOCKWASHER AND MOUNTING NUT.

Models RT24/RTR24/3290

H and W Styles - 3290 X & W Styles- RT24/RTR24
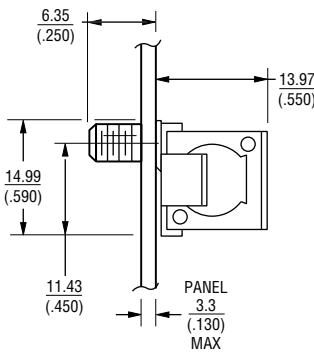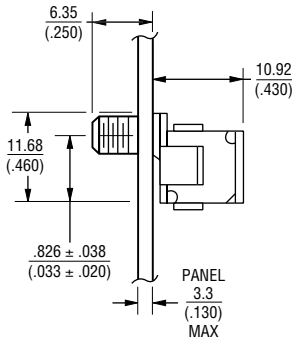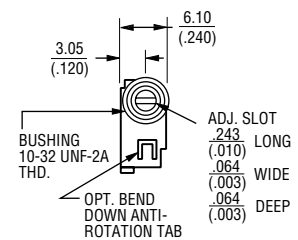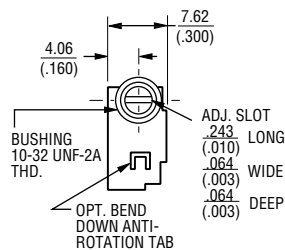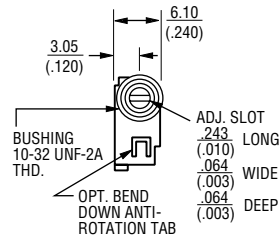
6.10 (.240)
3.05 (.120)

BUSHING 10-32 UNF-2A THD.

ADJ. SLOT
.243 (.010) LONG
.064 (.003) WIDE
.064 (.003) DEEP

OPT. BEND DOWN ANTI-ROTATION TAB

6.35 (.250)
11.43 (.450)
11.68 (.460)
.826 ± .038 (.033 ± .020)

PANEL 3.3 (.130) MAX

PANEL LAYOUT

7.37 (.290)
.200 (.008) = 7 DRILL

.132 (.005) OPTIONAL FOR ANTI-ROTATION NUB

NOTES:

1. PROVIDED WITH LOCKWASHER AND MOUNTING NUT.
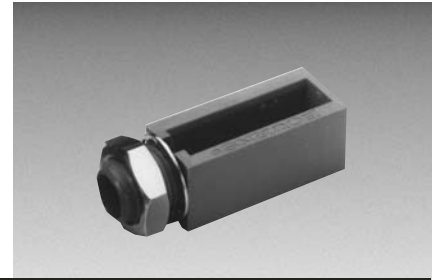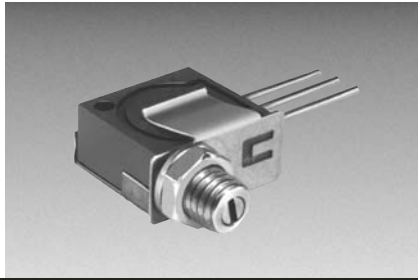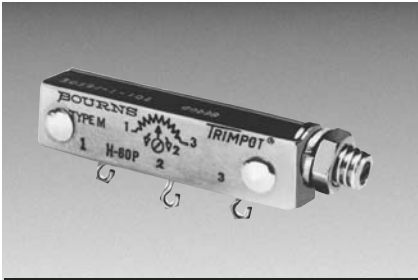
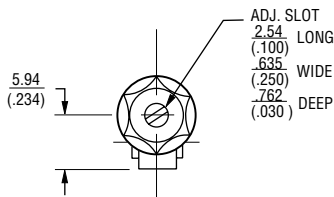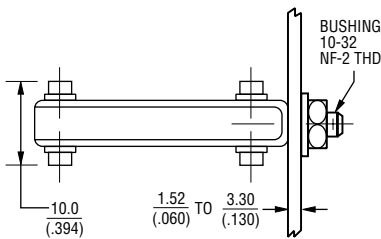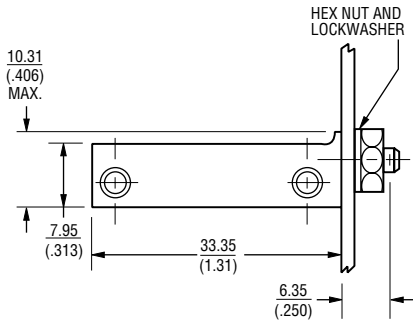# Customer Installed Panel Mount - Unsealed

BOURNS®

SEE TABLE II FOR PANEL MOUNT PART NUMBER

H-58P Panel Mount

1-1/4 Inch Rectangular
Multiturn Modules

HEX NUT AND
LOCKWASHER

10.31
(.406)
MAX.

7.95
(.313)

33.35
(1.31)

6.35
(.250)

BUSHING
10-32
NF-2 THD

10.0
(.394)

1.52   3.30
(.060) TO (.130)

ADJ. SLOT
2.54
(.100) LONG
.635
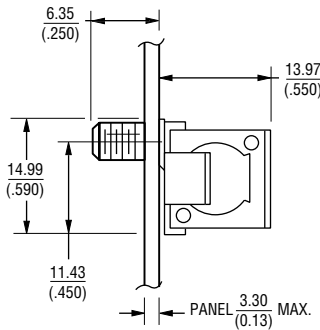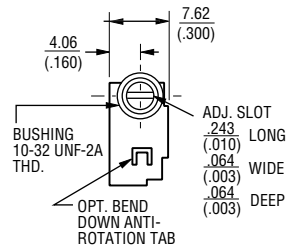(.250) WIDE
.762
(.030) DEEP

5.94
(.234)

NOTES:
1. PROVIDED WITH LOCKWASHER AND MOUNTING NUT.
2. RECOMMEND PANEL HOLES. #10 DRILL $\frac{.194}{(.008)}$

*SPECIFY H82 IF PANEL SEAL IS REQUIRED.

H-65P Panel Mount

1/2 Inch Square
Multiturn Models
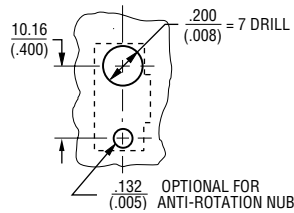
7.62
(.300)

4.06
(.160)

ADJ. SLOT
.243
(.010) LONG
.064
(.003) WIDE
.064
(.003) DEEP

BUSHING
10-32 UNF-2A
THD.

OPT. BEND
DOWN ANTI-
ROTATION TAB

6.35
(.250)

13.97
(.550)

14.99
(.590)

11.43
(.450)

PANEL $\frac{3.30}{(0.13)}$ MAX.

PANEL LAYOUT

10.16
(.400)

.200
(.008) = 7 DRILL
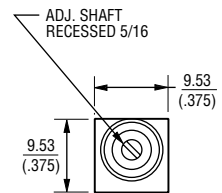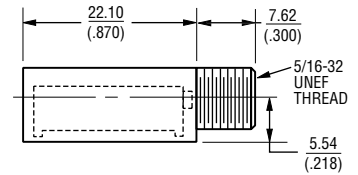
.132
(.005) OPTIONAL FOR
ANTI-ROTATION NUB

NOTES:
1. PROVIDED WITH LOCKWASHER AND MOUNTING NUT.
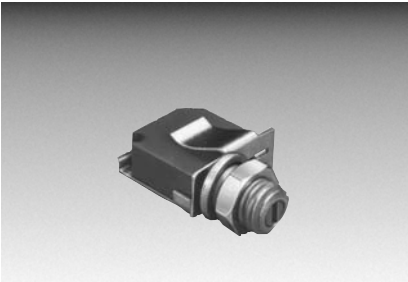2. DRAWINGS SHOWN WITH TRIMMER. ORDER PART SEPARATELY

H-83P Panel Mount

Adapter for Models 3005 AND 3006

The H-83P Adapter is used with Models 3005 and 3006. Order separately and simply snap fit the trimmer in the plastic case. The H-83P with lock-washer and mounting nut is available in 50-piece lots.

22.10
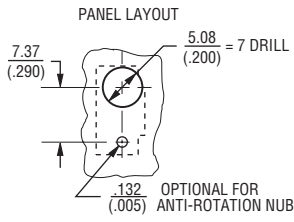(.870)

7.62
(.300)

5/16-32
UNEF
THREAD

5.54
(.218)

ADJ. SHAFT
RECESSED 5/16

9.53
(.375)

9.53
(.375)

NOTES:
1. DRAWINGS SHOWN WITH TRIMMER. ORDER PART SEPARATELY

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

Customer Installed Panel Mount

BOURNS®

H-114P/115P/116P Panel Mount

3/8 Inch Square Multiturn Models
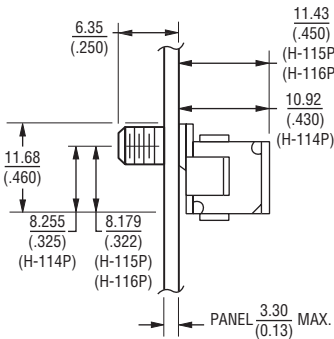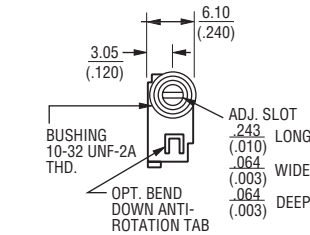
H-117P Panel Mount

3/8 Inch Square Multiturn Models

TABLE I
FACTORY INSTALLED
PANEL MOUNTS

STANDARD P/N	P/N WITH PANEL MOUNT
3005P-1-(RC)	3005P-1-(RC) Z
3006P,Y, or W-1-(RC)	3006P,Y, or W-1-(RC) Z
3009P or Y-1-(RC)	3009P or Y-1-(RC) Z
3057L,J,P, or Y-1-(RC)	3057L,J,P, or Y-1-(RC) M
3059L,J,P, or Y-1-(RC)	3059L,J,P, or Y-1-(RC) M
3250L or W-1-(RC)	3250L or W-1-(RC) M
3252L or W-1-(RC)	3252L or W-1-(RC) M
3290 H or W-1-(RC)	3290H or W-1-(RC) M
3292L,W, or X-1-(RC)	3292L,W, or X-1-(RC) M
3296W or X-1-(RC)	3296W or X-1-(RC) M

TABLE II
RETRO-FIT PANEL MOUNTS FOR
INSTALLATION BY CUSTOMER

STANDARD P/N	ORDER PANEL MOUNT P/N
3005P-1-(RC)	H-83P
3006P,Y, or W-1-(RC)	H-83P
3057L,J,P, or Y-1-(RC)	H-58P* SCREW ASSY.
3059L,J,P, or Y-1-(RC)	H-58P* SCREW ASSY.
3250L, W, X-(RC)	H-65P-1*
3252L or W-1-(RC)	H-65P-3*
3252X-1-(RC)	H-65P-5*
3290 H or W-1-(RC)	H-114P*
3292L-1-(RC)	H-115P*
3292W OR X-1-(RC)	H-116P*
RT12P,Y,L	H-58P* SCREW ASSY.
RJ12P,Y	H-58P* SCREW ASSY.
RT22L,W, X, RTR22L,W, X	H-65P-1*
RJ22L,W	H-65P-3*
RJ22X	H-65P-5*
RT24W / RTR24W OR X	H-114P*
RJR24W OR X	H-117P*

*Specify H-82 if panel seal is required.

Notes:
1. Provided with lockwasher and mounting nut.

2. Drawings shown with trimmer. Order part separately.
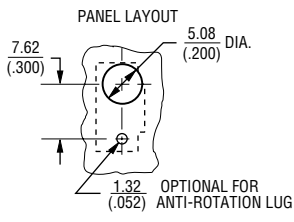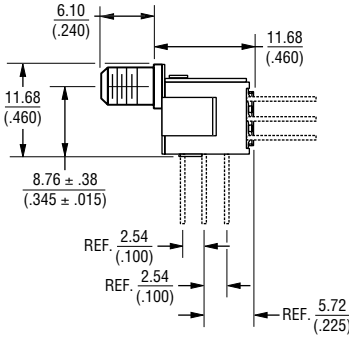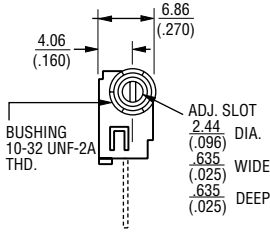
Notes:
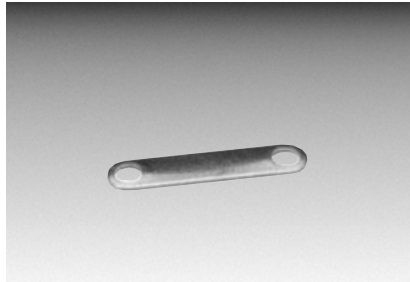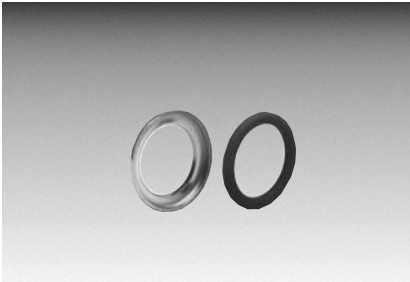1. Provided with lockwasher and mounting nut.

2. Drawings shown with trimmer. Order part separately.

Hardware For Special Mounting Applications

BOURNS®

H-82 Panel Seal

For all panel mounts with size 10-32 bushings.

4.83
(.190)
STAINLESS STEEL
CUP WASHER

7.37
(.290)

.381
(.015)
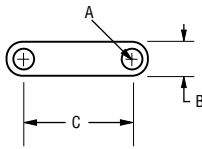
1.02
(.040)

.89
(.035)

4.83
(.190)

RUBBER O RING
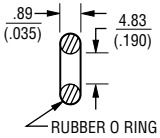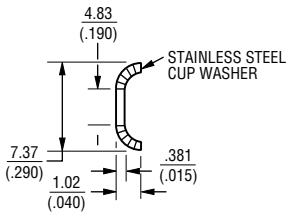
To be used with the following to provide panel seal:
  H-58P
  H-65P-1
  H-65P-3
  H-65P-5
  H-114P
  H-115P
  H-116P
  H-117P

H-25/H-28 Stacking Straps

Models 3250, 3252 (H-25) and 3292 (H-28).

A

C

B

DIMENSIONS	H-25	H-28
A	.236 (.093)	.178 (.070)
B	.363 (.143)	.318 (.125)
C	1.321 (.520)	1.064 (.419)
THICKNESS	.51 (.02)	