

## Pushbutton Switches, Splashproof Boot Seals

A wide selection of stock boot seals for pushbuttons are available in a variety of styles and thread sizes. ALCOSWITCH seals replace standard mounting hardware to provide environmental seal. Fabricated of Neoprene in black and optional red or gray. Custom colors and thread sizes are also available on special order.

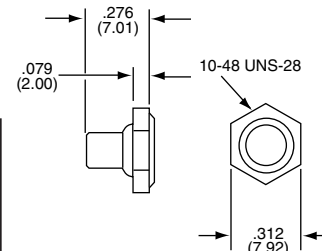


BP10480

### 10-48 PUSHBUTTON BOOT SEALS

Splashproof seal designed for "TINY" pushbutton switches having a 10-48 bushing and .14" long button actuators. The hex nut is molded-in to the Neoprene seal. No O-Ring is required. Custom colors are available on special order.

| Part Number      |            |             |            |             |                       |
|------------------|------------|-------------|------------|-------------|-----------------------|
| Tyco Electronics | Alcoswitch | Mount Color | Boot Color | Thread Size | Use with Switch Types |
| 1-1437626-4      | BP10480    | Black       | Black      | 10-48       | TP Series             |
| 1-1437626-5      | BP10482    | Red         | Red        | 10-48       | TP Series             |
| 1-1437626-6      | BP10488    | Gray        | Gray       | 10-48       | TP Series             |



BPA14400

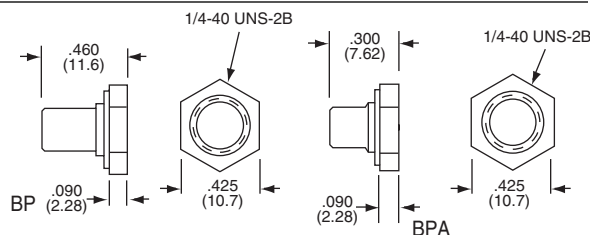


BP14400

### 1/4-40 PUSHBUTTON BOOT SEALS

Splashproof seals for miniature pushbuttons having a 1/4-40 bushing. The two models allow use with buttons that extend up to .17" (BPA) or up to .33" (BP). The hex nut is molded-in and no O-Ring is required.

| Part Number      |            |             |            |             |                                       |
|------------------|------------|-------------|------------|-------------|---------------------------------------|
| Tyco Electronics | Alcoswitch | Mount Color | Boot Color | Thread Size | Use with Switch Types                 |
| 1-1437626-7      | BP14400    | Black       | Black      | 1/4-40      | MSPM, MPA3, MPS and TP Series         |
| 1-1437626-8      | BP14402    | Red         | Red        | 1/4-40      | MSPM, MPA3, MPS and TP Series         |
| 1-1437626-9      | BP14408    | Gray        | Gray       | 1/4-40      | MSPM, MPA3, MPS and TP Series         |
| 2-1437626-7      | BPA14400   | Black       | Black      | 1/4-40      | MSPMBS, MSPMCS, MSP3, MPA3, TP Series |
| 2-1437626-8      | BPA14402   | Red         | Red        | 1/4-40      | MSPMBS, MSPMCS, MSP3, MPA3, TP Series |
| 2-1437626-9      | BPA14408   | Gray        | Gray       | 1/4-40      | MSPMBS, MSPMCS, MSP3, MPA3, TP Series |



BP20100

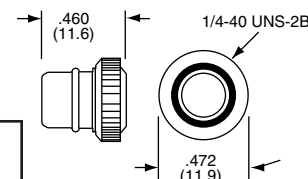


BP1900

### 1/4-40 PUSHBUTTON BOOT SEALS

Splashproof seals having 1/4-40 blind nuts integrally mounted to the black Neoprene seal. Supplied with a captive O-Ring to complete the panel seal. Used with actuators up to .37" long. Choice of two-tone with nickel finish knurled ring or all black.

| Part Number      |            |             |            |             |                                |
|------------------|------------|-------------|------------|-------------|--------------------------------|
| Tyco Electronics | Alcoswitch | Mount Color | Boot Color | Thread Size | Use with Switch Types          |
| 2-1437626-3      | BP1900     | Nickel      | Black      | 1/4-40      | MSPM, MSP3, MPA3 and TP Series |
| 2-1437626-4      | BP2010     | Black       | Black      | 1/4-40      | MSPM, MSP3, MPA3 and TP Series |

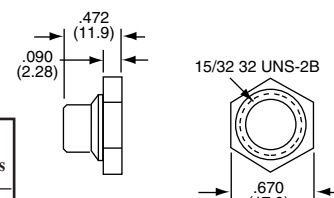


BP15320

### 15/32-32 PUSHBUTTON BOOT SEALS

Splashproof seals incorporating a molded-in hex nut for water tight and dust tight protection. Replaces standard hardware usually supplied. Recommended for large size pushbutton switches with actuators extending up to .31" long.

| Part Number      |            |             |            |             |                       |
|------------------|------------|-------------|------------|-------------|-----------------------|
| Tyco Electronics | Alcoswitch | Mount Color | Boot Color | Thread Size | Use with Switch Types |
| 2-1437626-0      | BP15320    | Black       | Black      | 15/32-32    | MSPF and MPG Series   |
| 2-1437626-1      | BP15322    | Red         | Red        | 15/32-32    | MSPF and MPG Series   |
| 2-1437626-2      | BP15328    | Gray        | Gray       | 15/32-32    | MSPF and MPG Series   |



BP5900

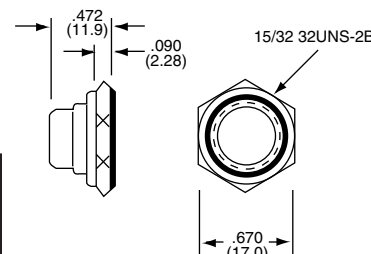


BP5890

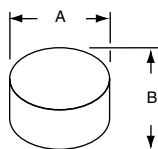
### 15/32-32 PUSHBUTTON BOOT SEALS

Splashproof seals having 15/32-32 hex shape mounts integrally bonded onto the black Neoprene seal. Supplied with a captive O-Ring for use against the panel. Readily accepts actuators up to .38" in length. Available in two tone with nickel finish hex-mount, or all black.

| Part Number      |            |             |            |             |                       |
|------------------|------------|-------------|------------|-------------|-----------------------|
| Tyco Electronics | Alcoswitch | Mount Color | Boot Color | Thread Size | Use with Switch Types |
| 2-1437626-5      | BP5890     | Nickel      | Black      | 15/32-32    | MSPF and MPG Series   |
| 2-1437626-6      | BP5900     | Black       | Black      | 15/32-32    | MSPF and MPG Series   |



## Pushbutton Switches, Accessories



CAPS



C5



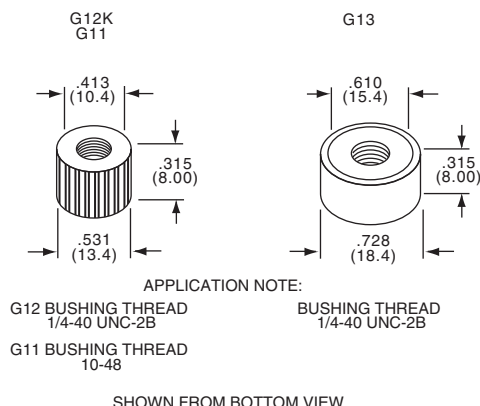
C22

| Model  | ID.     | Description                       | Use Guard | Color                             | "A" Diameter | B Height |
|--------|---------|-----------------------------------|-----------|-----------------------------------|--------------|----------|
| C5(*)  | Snapfit | Small plastic cap for MPA3 Series | -         | (0), (2), (5), (9)                | .195         | .120     |
| C8(*)  | Snapfit | Large plastic cap for MPA3 Series | -         | (0), (2), (5), (9)                | .310         | .160     |
| C9(*)  | Snapfit | Spare color cap for MPG Series    | -         | (0), (2), (6), (9)                | .354         | .138     |
| C22(*) | Snapfit | MPS/MSPM/MPE/MPA6                 | G12       | (0), (2), (3), (4), (5), (6), (9) | .394         | .315     |
| C23(*) | Snapfit | MPS/MSPM/MPE/MPA6                 | G13       | (0), (2), (3), (4), (5), (6), (9) | .590         | .394     |
| C33(*) | Snapfit | Square button for MPSR            | -         | (0), (2), (6), (9)                | .378SQ.      | .201     |

(\*) Specify color by adding suffix number: (0) Black, (2) Red, (3) Orange, (4) Yellow, (5) Green, (6) Blue, (9) White.

| Part Number      |            | Type   | Color          | Finish  | Can be Used with Cap |
|------------------|------------|--------|----------------|---------|----------------------|
| Tyco Electronics | Alcoswitch |        |                |         |                      |
| 7-1437627-6      | G11A       | 10-48  | Clear aluminum | Plain   | C22 —                |
| 7-1437627-7      | G11B       | 10-48  | Black aluminum | Plain   | C22 —                |
| 7-1437627-8      | G11C       | 10-48  | Chromed Brass  | Plain   | C22 —                |
| 8-1437627-1      | G12A       | 1/4-40 | Clear aluminum | Plain   | C12 C22              |
| 8-1437627-2      | G12B       | 1/4-40 | Black aluminum | Plain   | C12 C22              |
| 8-1437627-3      | G12C       | 1/4-40 | Chromed brass  | Plain   | C12 C22              |
| 8-1437627-4      | G12KA      | 1/4-40 | Clear aluminum | Knurled | C12 C22              |
| 8-1437627-5      | G12KB      | 1/4-40 | Black aluminum | Knurled | C12 C22              |
| 8-1437627-6      | G12KC      | 1/4-40 | Chromed brass  | Knurled | C12 C22              |
| 8-1437627-7      | G13A       | 1/4-40 | Clear aluminum | Plain   | C13 C23              |
| 8-1437627-8      | G13B       | 1/4-40 | Black aluminum | Plain   | C13 C23              |
| 8-1437627-9      | G13C       | 1/4-40 | Chromed brass  | Plain   | C13 C23              |
| 9-1437627-0      | G13KA      | 1/4-40 | Clear aluminum | Knurled | C13 C23              |
| 9-1437627-1      | G13KB      | 1/4-40 | Black aluminum | Knurled | C13 C23              |
| 9-1437627-2      | G13KC      | 1/4-40 | Chromed brass  | Knurled | C13 C23              |
| 9-1437627-3      | G15*       | 15/32" | Chromed brass  | Plain   | C13 C23              |

\*G15 Model used on the MSPF Series



GUARDS

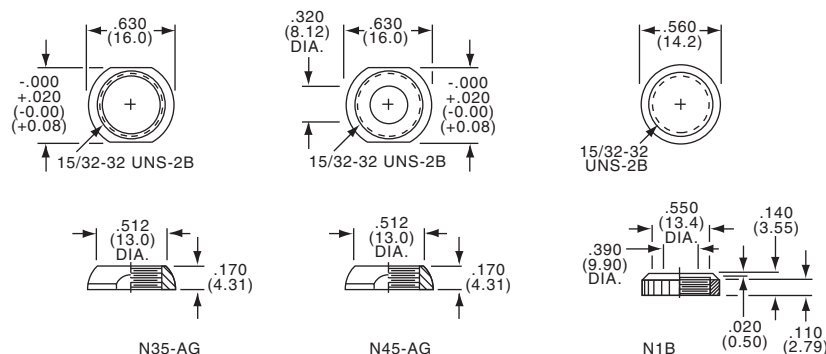


G12K



G13

## DECORATIVE HARDWARE



N35-AG



N1B



N45-AG

| Part Number      |            | Type   | Description                         |
|------------------|------------|--------|-------------------------------------|
| Tyco Electronics | Alcoswitch |        |                                     |
| 1-1437628-0      | N1B        | 15/32" | "Perfect Fit" knurled nut           |
| 1-1437628-4      | N35-AG     | 15/32" | Decorative nut (supplied on switch) |
| 1-1437628-7      | N45-AG     | 15/32" | "Perfect Fit" decorative nut        |

## Pushbutton Switches, Panel Seal

### FEATURES

The BP Series offers a unique means of sealing pushbutton switches, using a standard 1/4-40 threading bushing, to almost any thickness panel. Simply install the BP adaptor into a 15/32" dia. or 1/2" dia. panel opening and secure with its hex nut. The switch is then threaded into the previously mounted adaptor and tightened into place. A complete and decorative panel seal is the result of the simple process.

### MATERIALS

The flexible panel seal is custom molded of Neoprene rubber for long life, flexibility and chemical resistance. The threaded plastic adaptor is molded of ABS thermoplastic, is impact resistant and designed for ease of mounting.

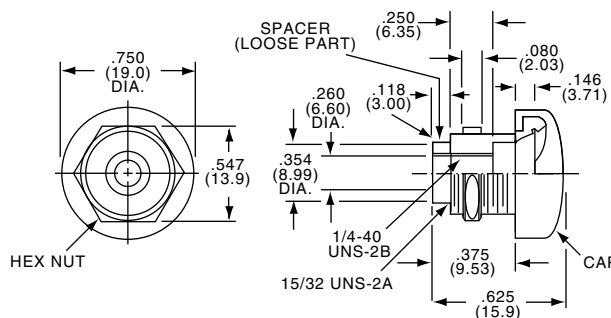
### BPM

#### For use with Miniature Pushbutton

The BPM seal adaptor accommodates all AUGAT/ALCOSWITCH MPA Series of pushbutton switches utilizing the 1/4-40 threaded bushing.



BPM15320



| Part Number      |            |                |
|------------------|------------|----------------|
| Tyco Electronics | Alcoswitch | Color* of Seal |
| 3-1437626-0      | BPM15320   | Black          |
| 3-1437626-1      | BPM15322   | Red            |
| 3-1437626-2      | BPM15328   | Gray           |

(\*) Custom seal colors are available upon special request.

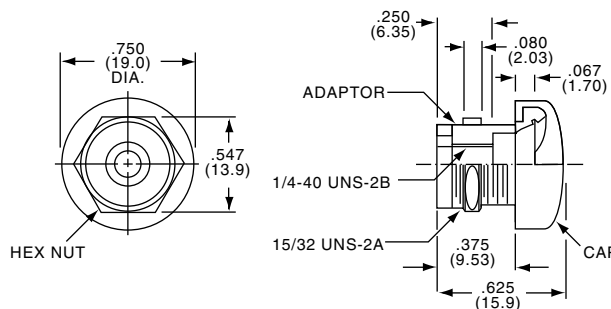
### BPT

#### For use with Tiny Series TPF Pushbutton

The BPT seal adaptor accommodates all AUGAT/ALCOSWITCH TPF Series Tiny Pushbutton switches utilizing the 1/4-40 threading bushing.



BPT15328



| Part Number      |            |                |
|------------------|------------|----------------|
| Tyco Electronics | Alcoswitch | Color* of Seal |
| 3-1437626-3      | BPT15320   | Black          |
| 3-1437626-4      | BPT15322   | Red            |
| 3-1437626-5      | BPT15328   | Grey           |

(\*) Custom seal colors are available upon special request.

## Engineering Notes

**D**

Engineering Notes