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## Color Codes

**A** Black
**B** White
**C** Red
**D** Amber
**E** Yellow
**F** Green
**G** Blue
**H** Gray
**J** Clear
**S** Metallic Silver

## Hardware Threading

Many hardware pieces are available in both metric and inch threading, and in such cases **M** (metric) and **H** (inch) are noted in the descriptions. The customer must select threading by placing an M or H after the basic AT part number. If the hardware is available only in metric or inch, no code is used in the description; threading is designated on the drawing.

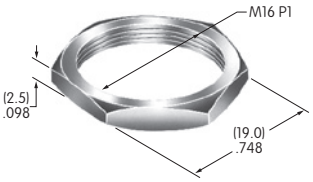
# Accessories & Hardware



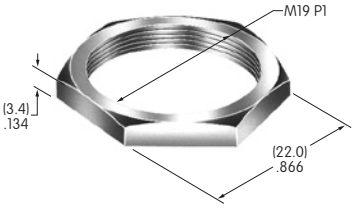
## AT010s~ AT090s

*** Available in Americas only**

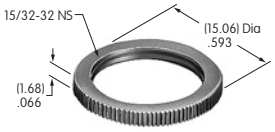
*** AT016**
**16mm Hex Mounting Nut**
Steel
Series: CKM



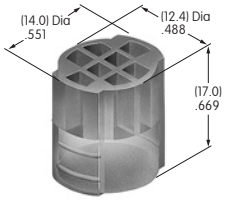

*** AT019**
**19mm Hex Mounting Nut**
Brass with nickel plating
Series: CKL



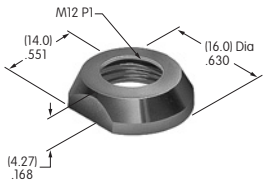

*** AT050**
**Knurled Nut**
Brass with nickel plating
Series: SB40



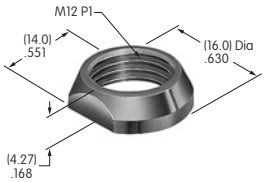

*** AT055**
**Crossover Guard**
Polypropylene
Series: KB



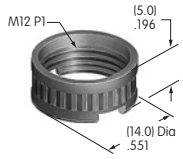

**AT056**
**Dress Cap Nut**
Brass with chrome plating
Series: M P S



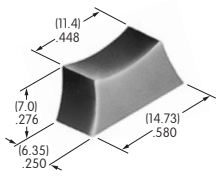

**AT056T**
**Threaded Through Dress Nut**
Brass with chrome plating
Series: M P S



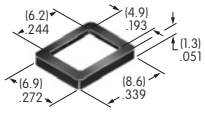

*** AT057**
**Mounting Nut**
Brass with zinc plating, chromate finish
Series: KB




*** AT062**
**.250" Wide Rocker**
Polyamide
Colors: A B C
Series: A

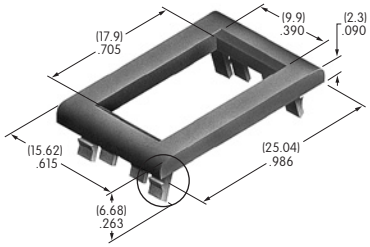



*** AT063**
**Gasket**
Nitrile butadiene rubber
Color: A
Series: B Threaded Bushing




**AT064-1**
**Panel Frame for Rocker & Paddle .365" Wide**
Polyamide
Color: A
Series: M

**AT064-2**
**Panel Frame for Rocker & Paddle .365" Wide**
Polyamide
Color: A
Series: M



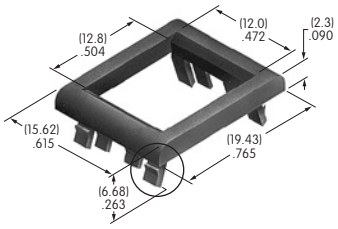

AT064-1 accommodates panel thickness
1.2 ~ 2.3mm
(.047 ~ .090")

AT064-2 accommodates panel thickness
1.57 ~ 3.18mm
(.062 ~ .125")

**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# Accessories & Hardware

**AT065-1**
**Panel Frame for Rocker & Paddle .450" Wide**
Polyamide
Color: A
Series: M

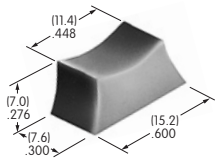



AT065-1 accommodates panel thickness 1.2 ~ 2.3mm (.047 ~ .090")

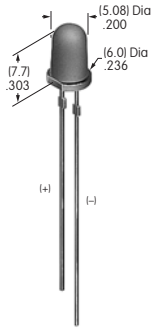
**AT065-2**
**Panel Frame for Rocker & Paddle .450" Wide**
Polyamide
Color: A
Series: M

AT065-2 accommodates panel thickness 1.57 ~ 3.18mm (.062 ~ .125")

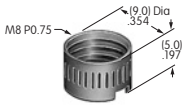
*** AT066**
**.300" Wide Rocker**
Polyamide
Color: A B C
Series: A



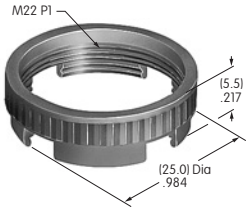

*** AT070**
**LED for AT208 Bezel**
Colors: C F
Series: EB M MB24



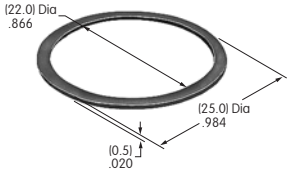

*** AT073**
**Mounting Nut**
Brass with nickel plating
Series: HB



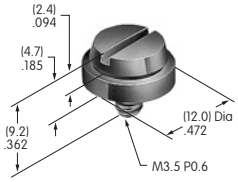

*** AT074**
**Mounting Nut for LB Panel Seal**
Brass with chromate
Series: LB



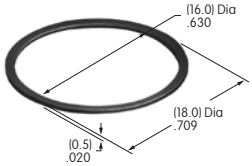

*** AT075**
**O-ring for LB Panel Seal**
Nitrile butadiene rubber
Series: LB



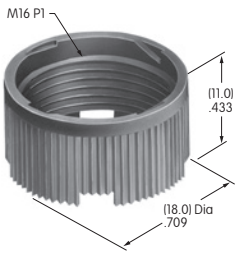

**AT080**
**Screw Adaptor for AT452 & AT454**
Brass
Series: MB20 SCB




**AT089**
**O-ring for YB Panel Seal**
Nitrile butadiene rubber
Series: YB




*** AT092**
**Knurled Mounting Nut**
Glass fiber reinforced PBT
Series: YB YB2

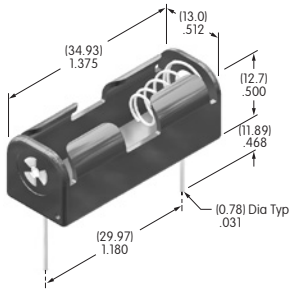



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

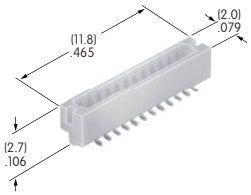
# Accessories & Hardware



*** AT094**
**PC Adaptor**
Holder: Polypropylene
Spring: Spring steel with nickel plating
PC Pins: Brass with nickel plating
Series: DSA01

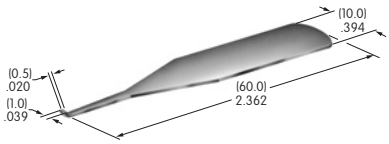



*** AT097** *NEW*
**JST Connector for OLED Rocker**
JST Part No. BM12B-SURS
PCB Mount
Series: SmartSwitch

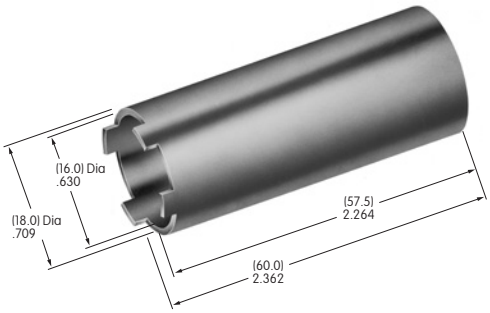



## AT100s

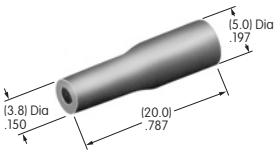
**AT105**
**Cap Removal Tool**
Stainless steel
Series: HB KB LB UB YB



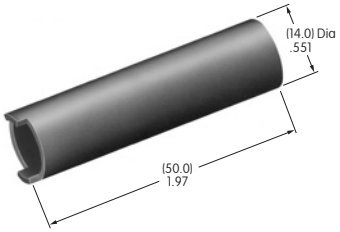

**AT106**
**Socket Wrench**
Aluminum with black alumite finish
Series: YB YB2



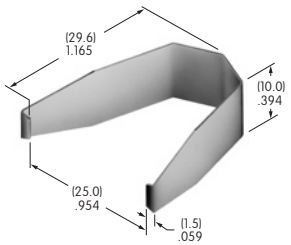

**AT107**
**Lamp Extractor**
Polyvinyl chloride
Series: KB LW MLW YB




**AT108**
**Socket Wrench**
Aluminum with black alumite finish
Series: KB

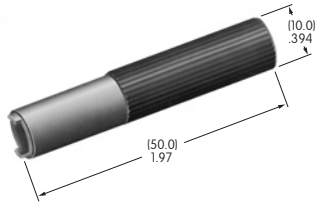



**AT109**
**Cap Extractor**
Stainless steel
Series: HB KB LB UB YB

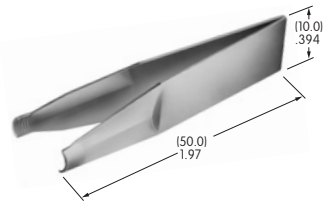



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

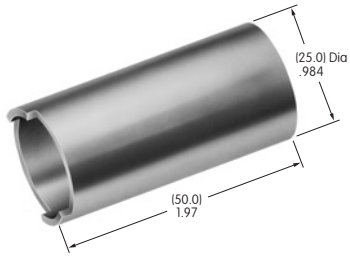
**AT110**
**Socket Wrench**
Brass
Series: HB




**AT111**
**Lamping Tool**
Stainless steel
Series: HB KB YB

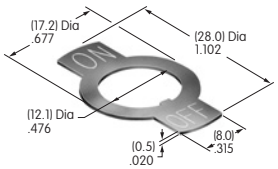



**AT112**
**Socket Wrench**
Brass with nickel plating
Series: LB

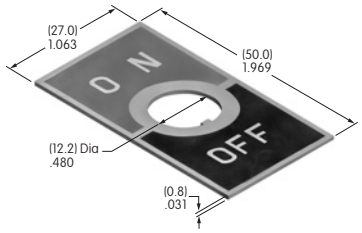



## AT200s

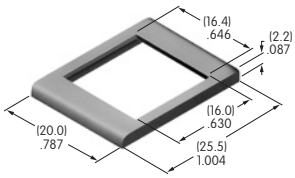
**AT201**
**ON-OFF Plate for**
**12mm Threaded Bushing**
Brass with nickel plating
Series: M P S



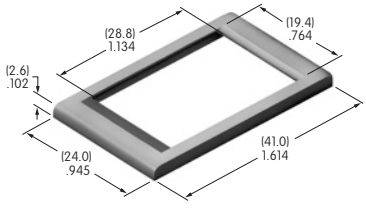

**AT202**
**ON-OFF Plate for**
**12mm Threaded Bushing**
Aluminum
Colors: Red & black enamel
Series: M P S



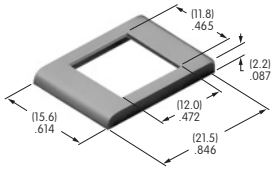

**AT204**
**Bezel**
Polycarbonate
Colors: A B C D E F G H
Series: MLW



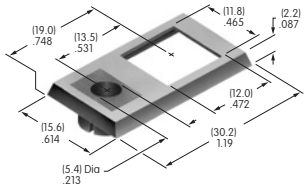

**AT206**
**Bezel**
Polycarbonate
Colors: A B C D E F G H
Series: LW




**AT207**
**Bezel**
Polycarbonate
Colors: A B C E F G H
Series: EB MB24 MB25




**AT208**
**Bezel for AT070 LED**
Polycarbonate
Color: A
Series: EB M MB24 MB25

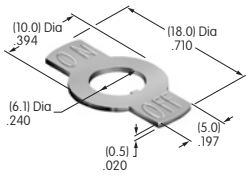



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

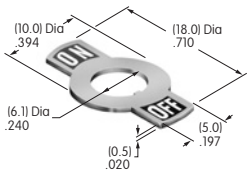
# Accessories & Hardware



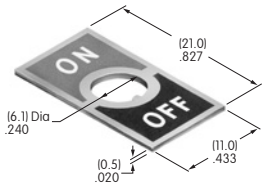
## AT209
**ON-OFF Plate for 6mm Threaded Bushing**
Brass with nickel plating
Series: M P



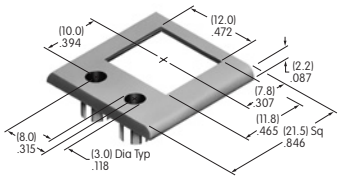

## AT210
**ON-OFF Plate for 6mm Threaded Bushing**
Aluminum
Colors: Red & black ink
Series: M P



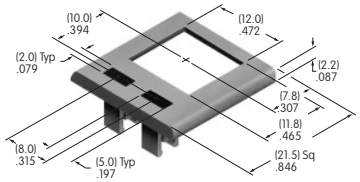

## AT211
**ON-OFF Plate for 6mm Threaded Bushing**
Aluminum
Colors: Red & black enamel
Series: M P



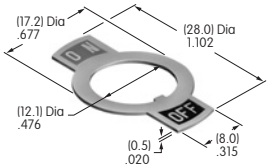

## AT212
**Bezel for 2 AT617 LEDs**
Polycarbonate
Color: A
Series: EB M MB24 MB25



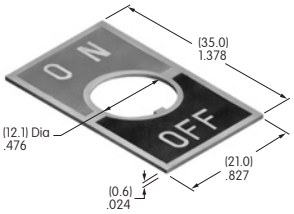

## AT213
**Bezel for 2 AT618 LEDs**
Polycarbonate
Color: A
Series: EB M MB24 MB25



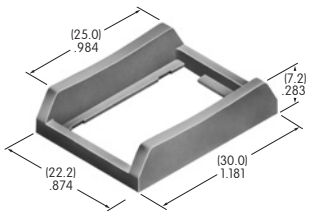

## AT214
**ON-OFF Plate for 12mm Threaded Bushing**
Aluminum
Colors: Red & black ink
Series: M P S



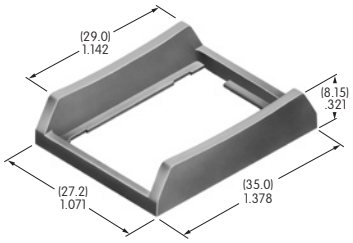

## AT215
**ON-OFF Plate for 12mm Threaded Bushing**
Aluminum
Colors: Red & black enamel
Series: M P S



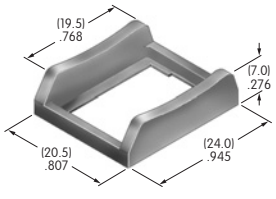

## AT217
**Barrier**
Polyamide
Colors: A B H
Series: JWM




## AT218
**Barrier**
Polyamide
Colors: A B H
Series: JWL



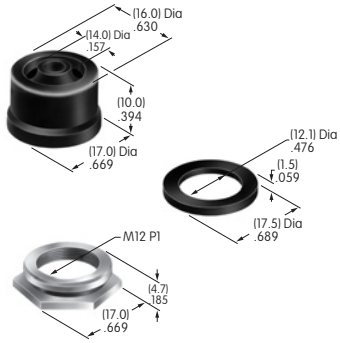

## AT219
**Barrier**
Polyamide
Colors: A
Series: JWS




**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# AT400s

## AT401A/H/S
**Splashproof Boot Assembly**
Hex Nut Material & Finish:
Nickel plated brass
O-ring Material:
Nitrile butadiene rubber
Series: M P S WT




**AT401A for Oil Resistance**
Boot Material: Black nitrile butadiene rubber

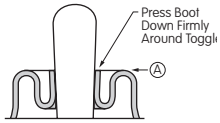
**AT401H for Dust & Ozone Resistance**
Boot Material: Gray ethylene propylene rubber

**AT401S for Flexibility, Resilience, and Tensile Strength over Wide Temperature Range**
Boot Material: Black silicone rubber

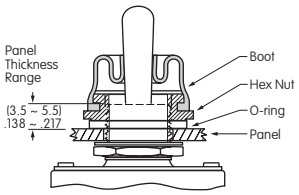
### Switch Installation Instructions
1. Install switch bushing into mounting hole of panel from the back and adjust bushing to protrude 3.5 ~ 5.5mm (.138 ~ .217″) above panel.
2. Install boot over bushing and tighten with hex nut.

### For 12mm Bushings in M, P, S and WT Toggles

### Boot Assembly Instructions
1. After mounting boot AT401 over toggle, press into place.
2. Be sure boot is pressed evenly and firmly down at or below height Ⓐ as shown.

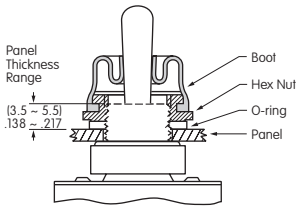



### Non-Splashproof Switches
**M, P or S Toggles with 12mm Bushings**

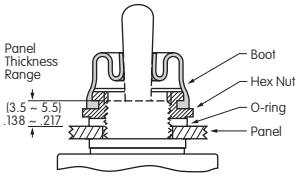



Use boot, nut and o-ring as shown. Use lockwasher and hexagon nut (from standard switch hardware) behind panel.

### Splashproof Switches
**S1AW ~ S29AW S Toggles**

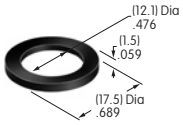



**WT Toggles or M Toggle with B3 Bushing**

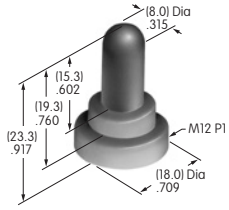



Use boot, nut and o-ring as shown. Use o-ring only (from standard switch hardware) behind panel.

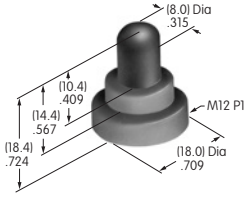
## AT401P
**O-ring**
Nitrile butadiene rubber
Color: A
Series: M MB20 TL WB WT



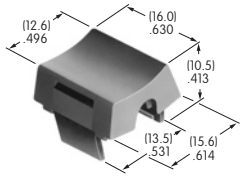

## AT402
**Splashproof Boot**
Silicon rubber for A C E F
Ethylene propylene rubber for H
Colors: A C E F H
Series: M P S




## AT402S
**Splashproof Boot**
Silicon rubber
Color: A
Series: M




## AT405
**Solid Color Rocker**
Polycarbonate
Colors: A B C D E F G
Series: MLW

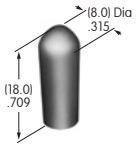



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

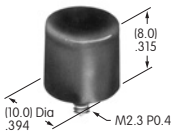
# Accessories & Hardware



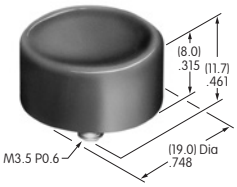
## AT406
**Bat Lever Cap**
Polyvinyl chloride
Colors: A B C E F G
Series: M P S



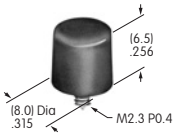

## AT407
**.394" Diameter**
**Screw-on Cap**
PBT
Colors: A B C E F G H
Series: MB20



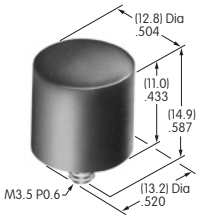

## AT412
**.748" Diameter**
**Screw-on Cap**
Polystyrene
Colors: A B C F
Series: MB20 SCB WB



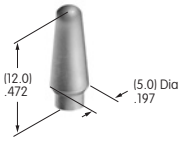

## AT413
**.315" Diameter**
**Screw-on Cap**
PBT
Colors: A B C E F G H
Series: MB20



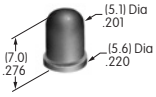

## AT414
**.520" Diameter**
**Screw-on Cap**
PBT
Colors: A B C D E F G H
Series: MB20 SB SCB WB



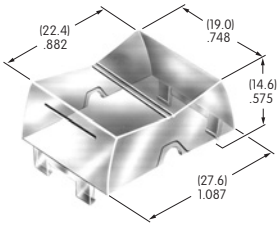

## AT415
**Bat Lever Cap**
Polyethylene
Colors: A B C E F G
Series: D2 M



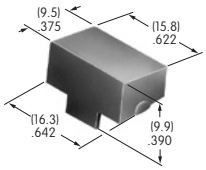

## AT416
**Lamp Cover for AT602**
Silicon rubber
Colors: C D F
Series: LW



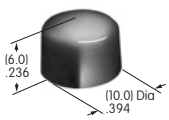

## AT420
**Rocker**
Polycarbonate
Colors: B J
Series: LW



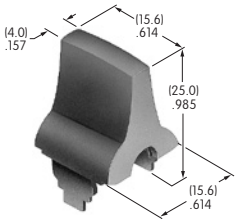

## AT421
**Filter for AT420**
Polycarbonate
Colors: B C D E F G
Series: LW



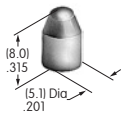

## AT422
**Slip-on Cap**
Polyethylene
Colors: A B C E F G
Series: SB40




## AT426
**Solid Color Paddle**
Polycarbonate
Colors: A B C D E F G
Series: MLW

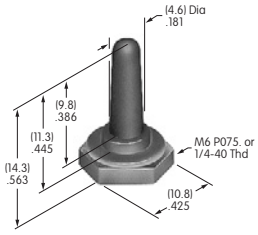



## AT427
**Cap for Locking Lever (code L)**
Brass with bright nickel plating
(supplied with switch)
Anodized aluminum
Colors: A C G
Series: D2 M

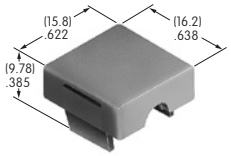



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

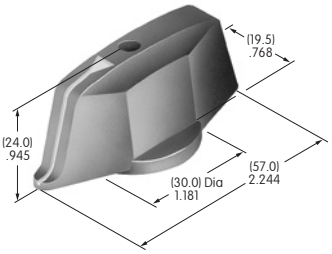
## AT428 (M-metric H-inch)
**Splashproof Boot**
Silicone rubber
Color: A
Series: D2 M P



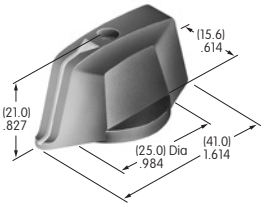

## AT429
**Indicator Cap**
Polycarbonate
Colors: B C D E F G
Series: P01



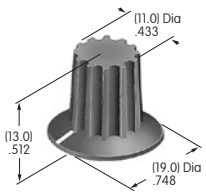

## AT431
**Large Rotary Knob**
Phenolic resin
Color: A
Series: HS PS TS



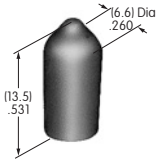

## AT432
**Small Rotary Knob**
Phenolic resin
Color: A
Series: HS PS TS



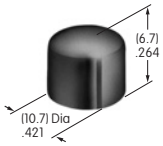

## AT433
**Knob for Miniature Rotaries**
Polyacetal
Color: A
Series: FR01 MR



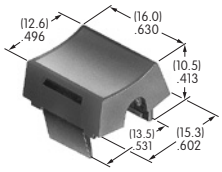

## AT434
**Bat Lever Cap**
Polyvinyl chloride
Colors: A B C E F G
Series: M



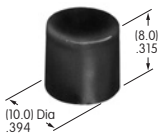

## AT435
**Screw-on Cap**
Brass with chrome plating
Series: SB265



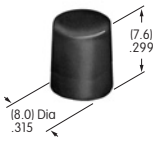

## AT438
**Design Rocker**
Polycarbonate
Colors: B C D F G
Series: MLW



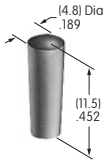

## AT442
**.394" Diameter**
**Snap-on Cap**
Polycarbonate
Colors: A B C E F G H
Series: DB EB M2B MB20
MB25




## AT443
**.315" Diameter**
**Snap-on Cap**
Polycarbonate
Colors: A B C E F G H
Series: DB EB M2B MB20
MB25




## AT444
**Bat Lever Conical Cap**
Polyethylene
Colors: A B C E F G
Series: D2 M M2T

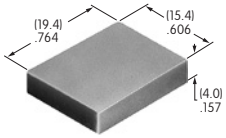



## AT445
**Cap for Color Tipped**
**Cone Toggle**
Polycarbonate
Colors: A B C E F G
Series: M

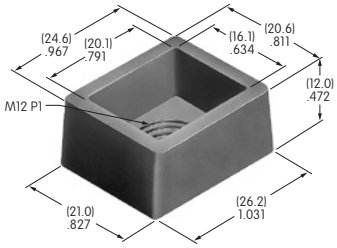
**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# Accessories & Hardware

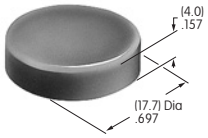
## AT452
**Rectangular Insert**
Polycarbonate
Colors: A B C F G H
Series: MB20 SCB
Used with Screw Adaptor AT080



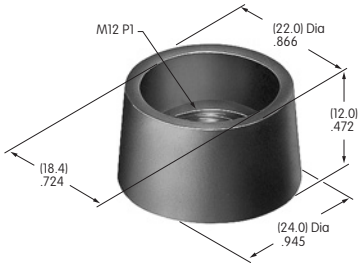

## AT453
**Rectangular Shroud**
Polycarbonate
Colors: A B H
Series: MB20 SCB



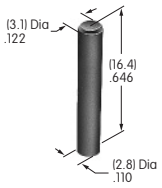

## AT454
**Round Insert**
Polycarbonate
Colors: A B C F G H
Series: MB20 SCB
Used with Screw Adaptor AT080



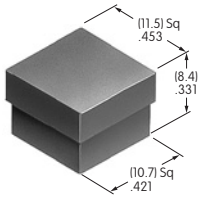

## AT455
**Round Shroud**
Polycarbonate
Colors: A B H
Series: MB20 SCB



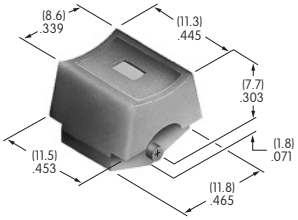

## AT460
**Cap for Color Capped Cone Toggle**
Polyethylene
Colors: A B C E F G
Series: M



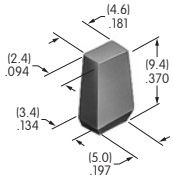

## AT465
**.453" Square Cap**
Polycarbonate
Colors: A B C E F G H
Series: EB MB24 MB25



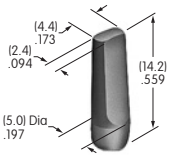

## AT466
**.453" False Illuminated Rocker**
Polycarbonate
Cap Color: A
Window Color: B/C
Series: M



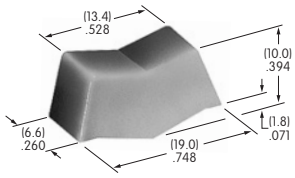

## AT467
**Short Paddle**
Polyamide
Colors: A B C E F G H
Series: A



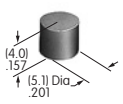

## AT468
**Long Paddle**
Polyamide
Colors: A B C E F G H
Series: A



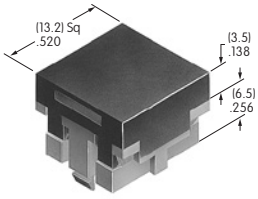

## AT469
**.260" Wide Rocker**
Polyamide
Colors: A B C E F G H
Series: A




## AT475
**.201" Diameter Cap**
Polyamide
Colors: A B C
Series: AB BB FB M2B MB24

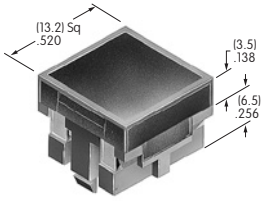



## AT476
**Square Solid Colored Cap**
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB

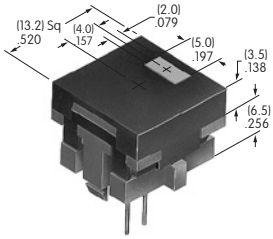



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

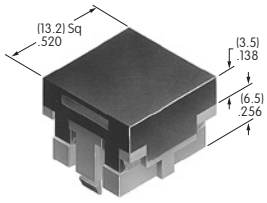
## AT477
**Square Colored Insert Cap**
Polycarbonate
Colors: JB JC JE JF JG
Series: LB



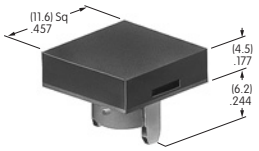

## AT480
**Square Spot Illuminated Cap**
Polycarbonate
Cap Colors: A B C F
LED Colors: C D F CF
Series: LB




## AT484
**Square Nonilluminated Cap**
Polycarbonate
Colors: A B C E F G H
Series: LB




## AT485
**Square Solid Colored Cap**
Polycarbonate
Colors: A BB CB CC EB
FB FF GB GG
Series: KB

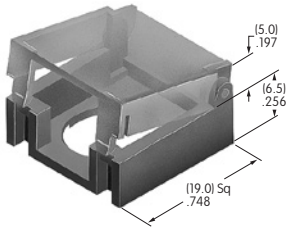



## AT486
**Round Solid Colored Cap**
Polycarbonate
Colors: A BB CB CC EB
FB FF GB GG
Series: KB

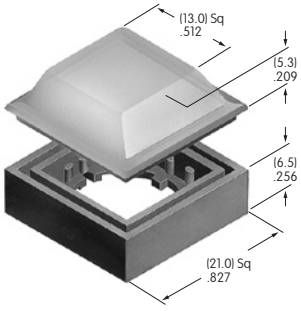
## AT487
**Square Colored Insert Cap**
Polycarbonate
Colors: JB JC JE JF JG
Series: KB

## AT488
**Round Colored Insert Cap**
Polycarbonate
Colors: JB JC JE JF JG
Series: KB

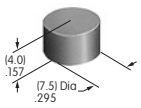
## AT494
**Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Series: KB



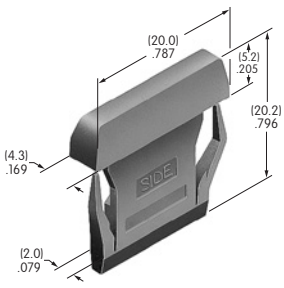

## AT495
**Dust Cover**
Lid: Polyvinyl chloride
Base: Polyamide
Series: KB



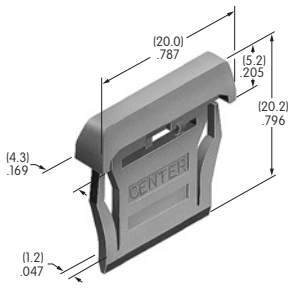

## AT496
**.295" Diameter Cap**
Polyamide
Colors: A B C
Series: AB BB FB M2B MB24




## AT497
**End Barrier**
Polyamide
Color: A
Series: LB




## AT498
**Center Barrier**
Polyamide
Color: A
Series: LB

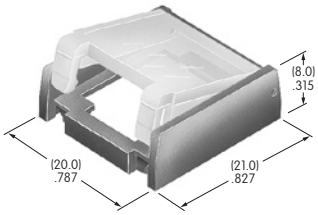



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

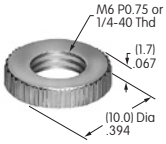
# Accessories & Hardware

## AT500s

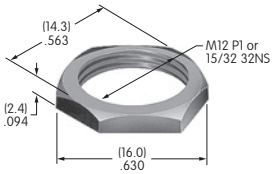
### AT499
**Protective Guard for Square**
Cover: Polycarbonate
Base: Polyamide
Series: LB



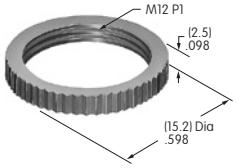

### AT501 (M-metric H-inch)
**Knurled Face Nut**
Brass with chrome plating
Series: D2 DB EB M MB20 MB24 P



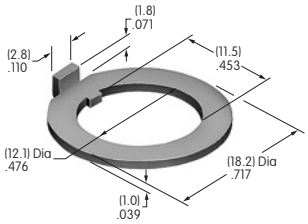

### AT503 (M-metric H-inch)
**Hex Face Nut**
Brass with chrome plating
Series: M P S SB WB WT



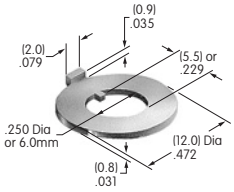

### AT504M
**Knurled Face Nut**
Brass with chrome plating
Series: M P S SB SCB WB WT



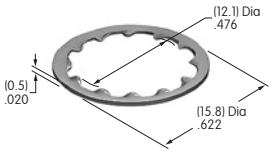

### AT506M
**Locking Ring**
Steel with zinc/chromate
Series: M MB20 P S SB



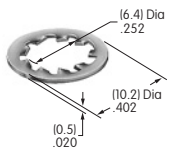

### AT507 (M-metric H-inch)
**Locking Ring**
Steel with zinc/chromate
Series: D2 DB EB M MB20 MB24 MB25 MR P



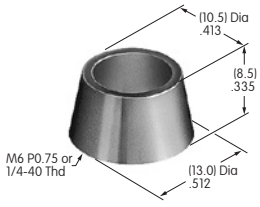

### AT508
**Internal Tooth Lockwasher**
Steel with zinc/chromate
Series: M P S SB SCB SK TL WB WT



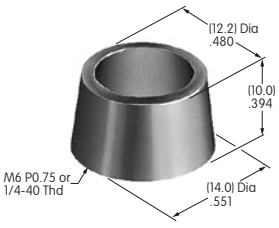

### AT509
**Internal Tooth Lockwasher**
Steel with zinc/chromate
Series: D2 DB EB FR01 M MB25 MR P S SB



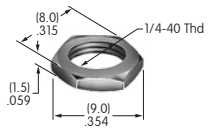

### AT512 (M-metric H-inch)
**Conical Nut**
Brass with chrome plating
Series: EB MB20




### AT512C (M-metric H-inch)
**Conical Nut**
Brass with chrome plating
Series: EB MB20

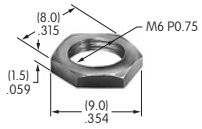



### AT513H
**Hex Nut**
Brass with nickel plating
Series: M MB20 MB24

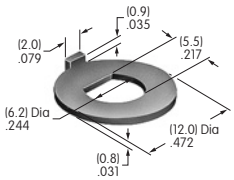



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

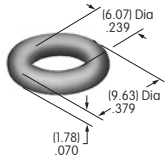
## AT513M
**Hex Nut**
Brass with nickel plating
Series: B D2 DB EB FR01 M MB20 MB25 MR P



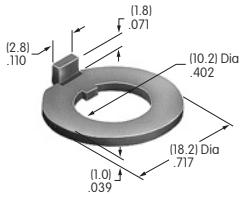

## AT515 (M-metric H-inch)
**Locking Ring for D Flat Bushing**
Steel with zinc/chromate
Series: FR01 M MB24



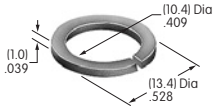

## AT516
**O-ring**
Nitrile butadiene rubber
Series: M MB20



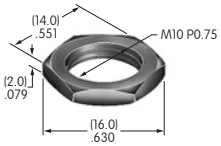

## AT518
**Locking Ring**
Steel with zinc/chromate
Series: HS PS TS



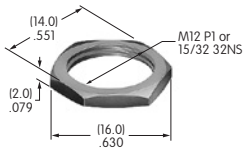

## AT520
**Split Lockwasher**
Steel with zinc/chromate
Series: HS PS TS



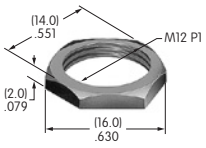

## AT526
**Hex Mounting Nut**
Steel with nickel plating
Series: HS PS TS



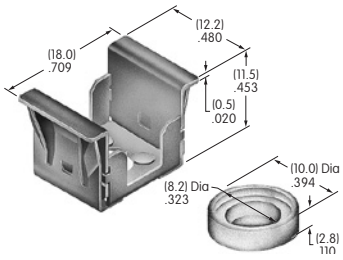

## AT527 (M-metric H-inch)
**Hex Mounting Nut**
Steel with nickel plating
Series: M P S SB SCB SK TL



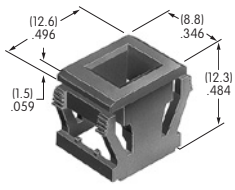

## AT527MA
**Black Hex Face Nut**
Steel with black chrome plating
Series: TL



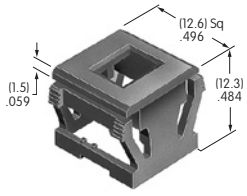

## AT529
**Mounter for Square Cap**
Stainless steel frame
GFR PBT spacer
Series: EB



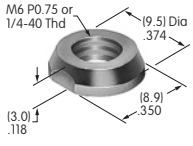

## AT530
**Panel Mount for Single Pole**
Polyamide & polyacetel
Colors: A B C E F G H
Series: A AB




## AT531
**Panel Mount for Single or Double Pole**
Polyamide & polyacetel
Colors: A B C E F G H
Series: A AB



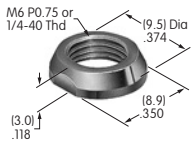

## AT532 (M-metric H-inch)
**Dress Cap Nut**
Brass with nickel plating
Series: EB M MB20 MB24 P



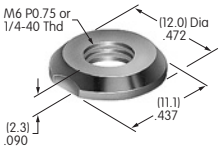

**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# Accessories & Hardware

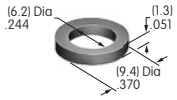
## AT532T (M-metric H-inch)
**Threaded Through Dress Nut**
Brass with nickel plating
Series: EB M MB20 MB24 P



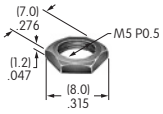

## AT533T (M-metric H-inch)
**Threaded Through Dress Nut**
Brass with nickel plating
Series: EB M MB20 MB24 P



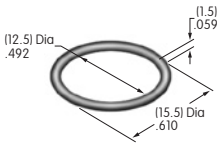

## AT535
**Rubber Ring for MR Panel Seal**
Nitrile butadiene rubber
Series: MRB MRK



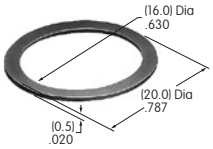

## AT536
**Hex Nut**
Brass with nickel plating
Series: FB



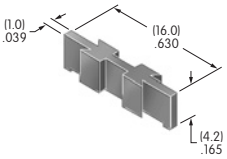

## AT537
**O-ring**
Nitrile butadiene rubber
Series: S



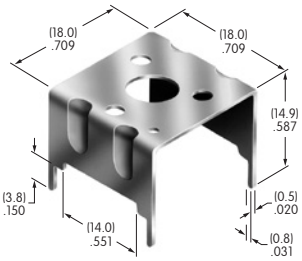

## AT541
**O-ring for Panel Seal with AT4115**
Nitrile butadiene rubber
Series: YB



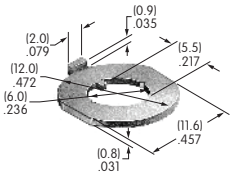

## AT542
**Coupler for LCD 36 x 24 Pushbutton**
PBT
Series: SmartSwitch



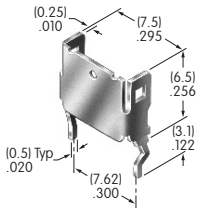

## AT543
**Support Bracket**
Steel with tin plating
Series: MRK



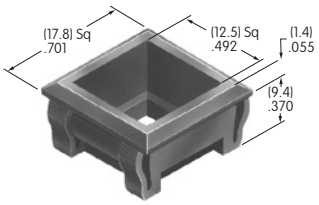

## AT545
**Locking Ring**
Steel with zinc/chromate
Series: MRA MRB MRK



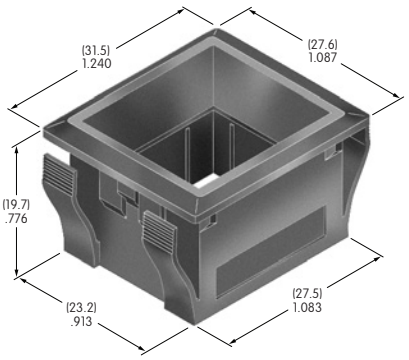

## AT546
**Mounting Bracket for Block Mounting**
Phosphor bronze with tin plating
Series: GB2




## AT547
**Mounter for AT4140**
Polyamide
Color: A
Series: JB



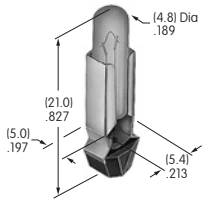

## AT548
**Panel Mount Housing for LCD 36 x 24 Pushbutton** (not for Compact SmartSwitch)
Polyamide
Color: A
Series: SmartSwitch



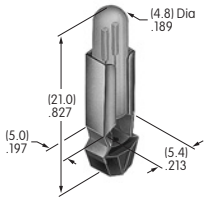

**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# AT600s

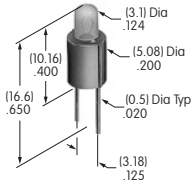
## AT602
**Incandescent Lamp**
Volts: 6 12 18 24 28
Series: LW MLW
T-1½ Pilot Slide Base



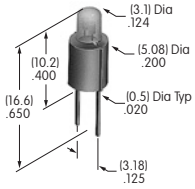

## AT602N
**Neon Lamp**
Volts: 110
Series: LW MLW
T-1½ Pilot Slide Base



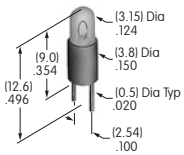

## AT607
**Incandescent Lamp**
Volts: 5 12
Series: LB
T-1 Bi-pin



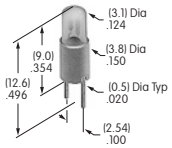

## AT607N
**Neon Lamp**
Volts: 110
Series: LB
T-1 Bi-pin



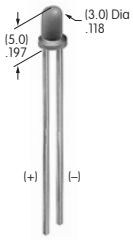

## AT611
**Incandescent Lamp**
Volts: 5 12
Series: KB YB
T-1 Bi-pin



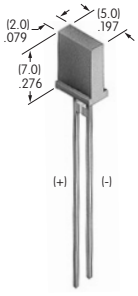

## AT615
**Neon Lamp**
Volts: 110
Series: KB
T-1 Bi-pin



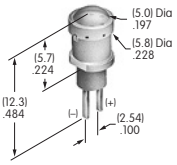

## AT617
**Single Element LED**
Colors: C E F
Used for AT212 Bezel



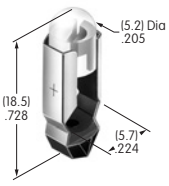

## AT618
**Single Element LED**
Colors: C E F
Used for AT213 Bezel



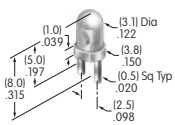

## AT621
**6-element Bicolor LED**
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Colors: CF
Series: YB
T-1½ Bi-pin




## AT622
**Single Element LED**
Colors: C E F
Series: MLW
T-1¾ Pilot Slide Base




## AT624
**Single Element LED**
Color: G
Series: HB
T-1 Bi-pin

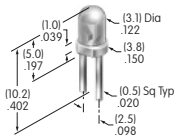



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

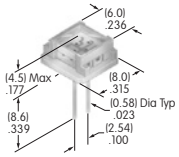
# Accessories & Hardware



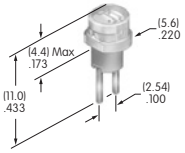
## AT625
**Super Bright**
**Single Element LED**
Color: G
Series: KB LB YB YB2
T-1 Bi-pin



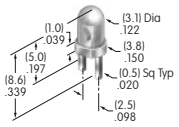

## AT627
**Bright**
**4-Element LED**
With Resistor; Volts: 5 12 24
Colors: C D F
Series: LB
T-1 Bi-pin



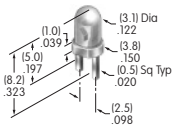

## AT628
**Bright**
**Double Element LED**
Colors: C D F
Series: YB YB2
T-1 Bi-pin



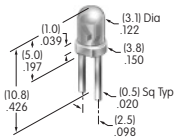

## AT629
**Single Element LED**
Color: B
Series: HB
T-1 Bi-pin



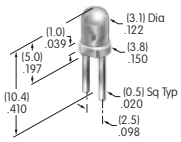

## AT630
**Single Element LED**
Color: F
Series: HB
T-1 Bi-pin



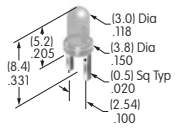

## AT631
**Super Bright**
**Single Element LED**
Color: B
Series: KB LB YB YB2
T-1 Bi-pin



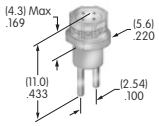

## AT632
**Super Bright**
**Single Element LED**
Color: F
Series: KB LB YB YB2
T-1 Bi-pin



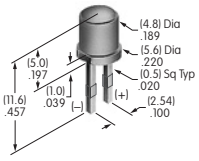

## AT633
**Single Element LED**
Colors: C D F
Series: HB
T-1 Bi-pin



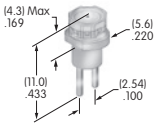

## AT634
**Bright**
**2- or 4-Element LED**
With Resistor; Volts: 5 12 24
Colors: C D F
Series: KB YB YB2
T-1¼ Bi-pin




## AT635
**Bright**
**Single Element LED**
Colors: C D F
Series: KB LB
T-1½ Bi-pin



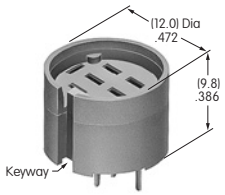

## AT636 ◀ *NEW*
**Bright**
**Single Element LED**
With Resistor; Volts: 5 12 24
Color: F
Series: YB2
T-1¼ Bi-pin



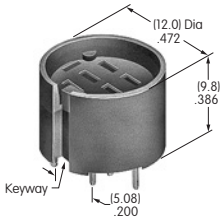

**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

## AT700s

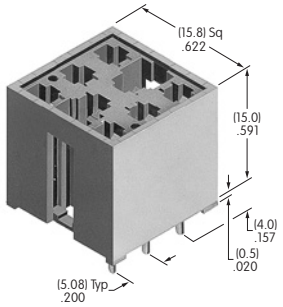
### AT701
**Single Pole**
**Straight PC Adaptor**
Glass fiber
reinforced polyamide
Series: KB



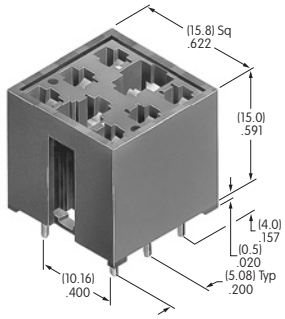

### AT702
**Double Pole**
**Straight PC Adaptor**
Glass fiber
reinforced polyamide
Series: KB



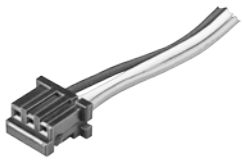

### AT711
**Single Pole**
**Straight PC Adaptor**
Glass fiber
reinforced polyamide
Series: LB




### AT712
**Double Pole**
**Straight PC Adaptor**
Glass fiber reinforced polyamide
Series: LB




### AT713 NEW
**Receptacle Connector**
Connects to RS232C
Compatible with
FTCS04B & FTCS05B (5-wire) or
FTCS04A & FTCS04A2 (4 wire)
Length: 19.7" (500.0mm)
Series: FT

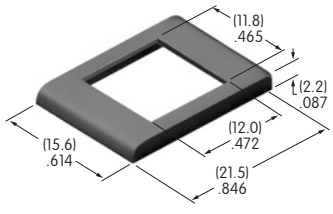


### AT714 NEW
**Receptacle Connector**
Connects to Power Source
of Control Boards
FTCS04B & FTCS05B (5-wire)
Length: 19.7" (500.0mm)
Series: FT

### AT715 NEW
**Connector Cable**
Cable for OLED Rocker
Length: 19.7" (500.0mm)
Series: SmartSwitch

## AT2100s

### AT2107
**Bezel**
Polyamide
Colors: A B E F G H
Series: M M2100

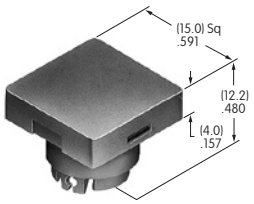



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

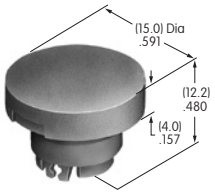
# Accessories & Hardware

## AT3000s

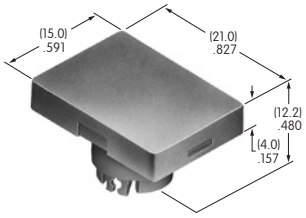
### AT3001
**Square Solid Cap**
Polycarbonate
Colors: BB CB EB FB GB
Series: YB



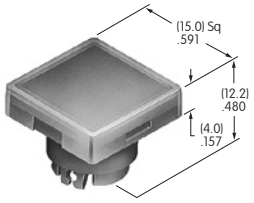

### AT3002
**Round Solid Cap**
Polycarbonate
Colors: BB CB EB FB GB
Series: YB



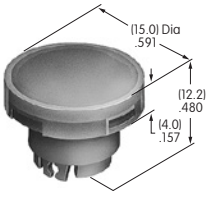

### AT3003
**Rectangular Solid Cap**
Polycarbonate
Colors: BB CB EB FB GB
Series: YB



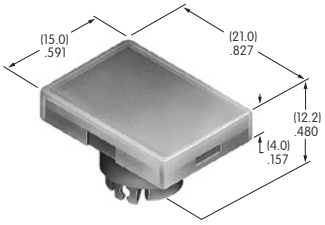

### AT3004
**Square Cap for Bright LED & Bicolor**
Polycarbonate
Colors: JB JC JD JF
Series: YB



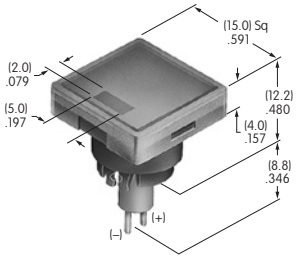

### AT3005
**Round Cap for Bright LED & Bicolor**
Polycarbonate
Colors: JB JC JD JF
Series: YB



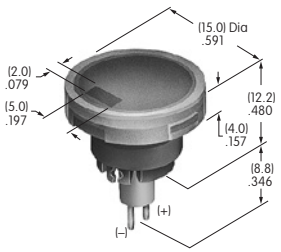

### AT3006
**Rectangular Cap for Bright LED & Bicolor**
Polycarbonate
Colors: JB JC JD JF
Series: YB



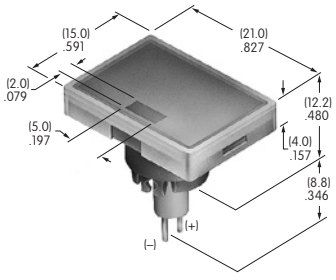

### AT3010
**Square Spot Illuminated Cap with Built-in LED**
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Polycarbonate
Cap Colors: JA JB JC JE JF
LED Colors: C D F CF
Series: YB



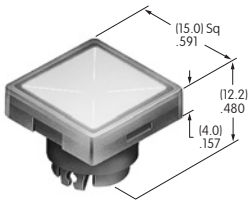

### AT3011
**Round Spot Illuminated Cap with Built-in LED**
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Polycarbonate
Cap Colors: JA JB JC JE JF
LED Colors: C D F CF
Series: YB



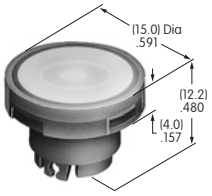

### AT3012
**Rectangular Spot Illuminated Cap with Built-in LED**
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Polycarbonate
Cap Colors: JA JB JC JE JF
LED Colors: C D F CF
Series: YB




### AT3014
**Square Cap for Super Bright LED**
Polycarbonate
Colors: JB
Series: YB

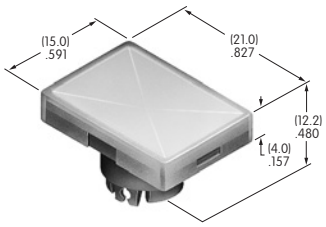



### AT3015
**Round Cap for Super Bright LED**
Polycarbonate
Colors: JB
Series: YB

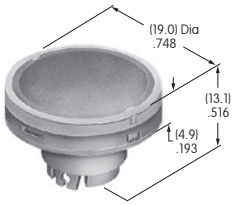



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

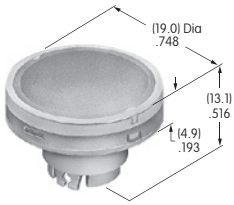
**AT3016**
**Rectangular Cap for Super Bright LED**
Polycarbonate
Color: JB
Series: YB



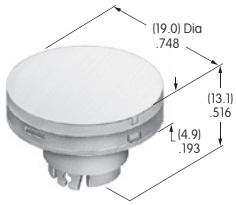

**AT3017** NEW
**Round Cap for Bright LED**
Polycarbonate
Colors: JB CB EB FB
Series: YB2



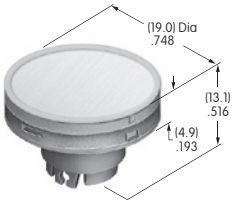

**AT3018** NEW
**Round Cap for Super Bright LED**
Polycarbonate
Color: JB
Series: YB2



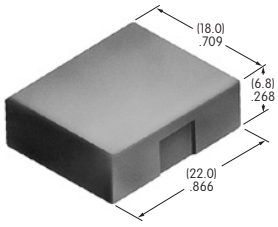

**AT3019** NEW
**Round Solid Cap**
Polycarbonate
Color: S (Metallic Silver)
Series: YB2



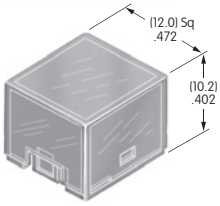

**AT3020** NEW
**Round Cap for Bright or Super Bright LED with Clear Illumination Ring**
Lens: Polycarbonate
Insert: Polyester
Color: JS (Metallic Silver with Clear Ring)
Series: YB2



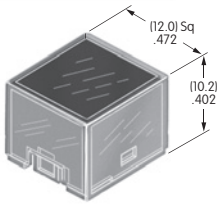

**AT3021**
**Flat Cap for Barrier Flange**
Polyphenylene oxide
Colors: A B C H
Series: JP



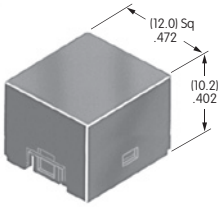

**AT3022** NEW
**Square Cap for Single or Bicolor LED**
Polycarbonate Resin
Colors: JB JC JD JF
Series: NP01



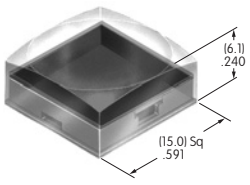

**AT3023** NEW
**Square Cap for Bicolor LED with Alternating Legends**
Polycarbonate Resin
Color: J
Series: NP01



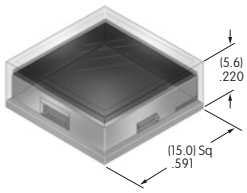

**AT3024** NEW
**Square Solid Cap**
Polycarbonate Resin
Colors: A B C H
Series: NP01



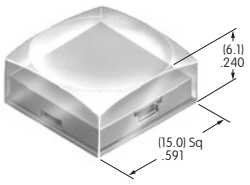

**AT3069**
**Sculptured Cap with Alternating Legend for Illuminated**
Polycarbonate
Color: J
Series: UB2




**AT3070**
**Flat Cap with Alternating Legend for Illuminated**
Polycarbonate
Color: J
Series: UB2




**AT3073**
**Sculptured Cap for Nonilluminated**
Polycarbonate
Colors: JA JB JC JD JF
Series: UB2

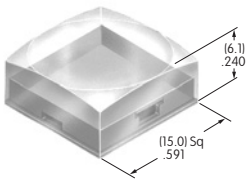



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

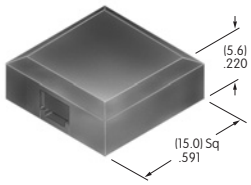
# Accessories & Hardware



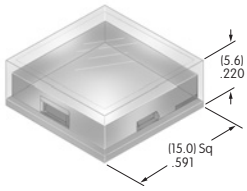
**AT3074**
**Sculptured Cap for Illuminated**
Polycarbonate
Colors: JB JC JD JF
Series: UB2



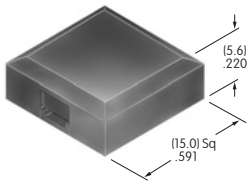

**AT3075**
**Beveled Cap for Illuminated**
Polycarbonate
Colors: B C D F
Series: UB2



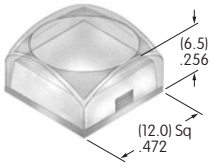

**AT3076**
**Flat Cap for Illuminated with Lens/Diffuser**
Polycarbonate
Colors: JB JC JD JF
Series: UB2



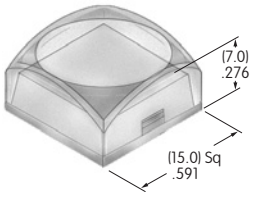

**AT3077**
**Beveled Cap for Nonilluminated**
Polycarbonate
Colors: A B C D F
Series: UB2



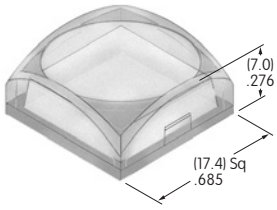

**AT3078**
**12mm Sculptured Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP



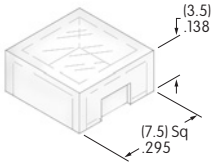

**AT3079**
**15mm Sculptured Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP



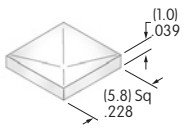

**AT3080**
**17.4mm Sculptured Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP



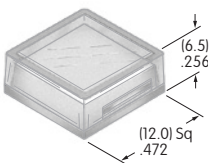

**AT3081**
**Transparent Lens**
Polycarbonate
Color: J
Series: HB2



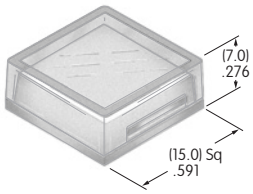

**AT3082**
**Translucent Diffuser**
Polycarbonate
Color: B
Series: HB2



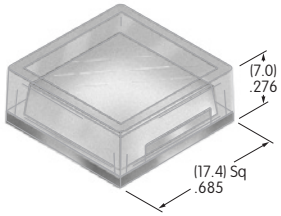

**AT3083**
**12mm Flat Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP




**AT3084**
**15mm Flat Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP

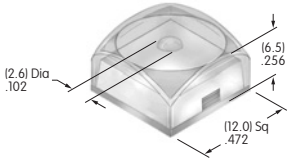



**AT3085**
**17.4mm Flat Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP

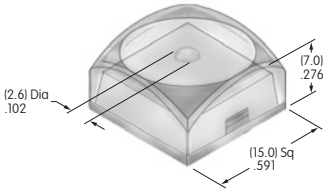



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

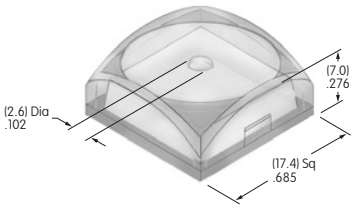
## AT3086
**12mm Home Key Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP




## AT3087
**15mm Home Key Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP

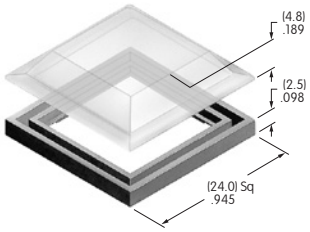



## AT3088
**17.4mm Home Key Cap with Lens/Diffuser**
Polycarbonate
Colors: JB
Series: KP

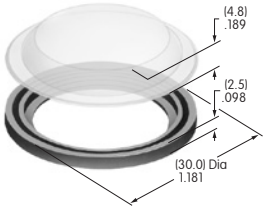



# AT4000s

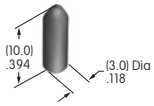
## AT4001
**Square Dust Cover**
Lid: Polyvinyl chloride
Gasket: Polyethylene
Series: LB UB



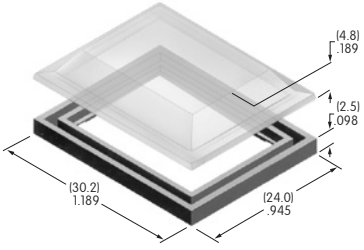

## AT4002
**Round Dust Cover**
Lid: Polyvinyl chloride
Gasket: Polyethylene
Series: LB



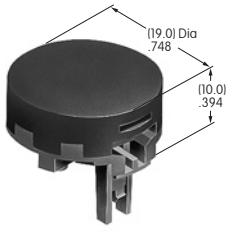

## AT4003
**.394" Bat Lever Cap**
Polyvinyl chloride
Colors: A B C
Series: A B



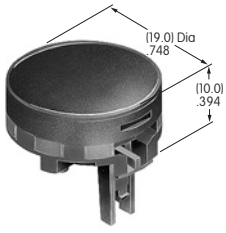

## AT4011
**Rectangular Dust Cover**
Lid: Polyvinyl chloride
Gasket: Polyethylene
Series: LB UB



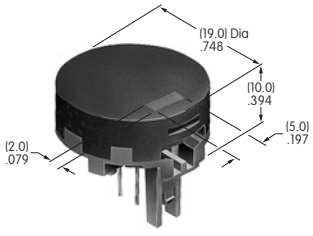

## AT4012
**Round Solid Colored Cap**
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB




## AT4013
**Round Colored Insert Cap**
Polycarbonate
Colors: JB JC JE JF JG
Series: LB



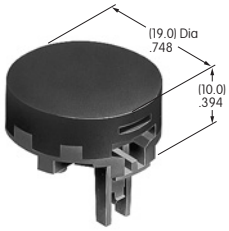

## AT4016
**Round Spot Illuminated Cap**
Polycarbonate
Cap Colors: A B C F
LED Colors: C D F CF
Series: LB




**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

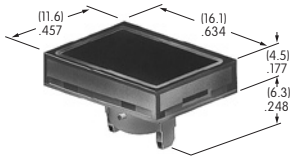
# Accessories & Hardware

## AT4017
**Round Nonilluminated Cap**
Polycarbonate
Colors: A B C E F G H
Series: LB

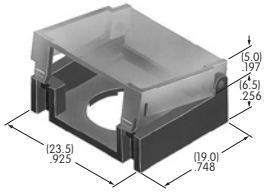



## AT4021
**Rectangular Solid Colored Cap**
Polycarbonate
Colors: A BB CB CC EB
FB FF GB GG
Series: KB

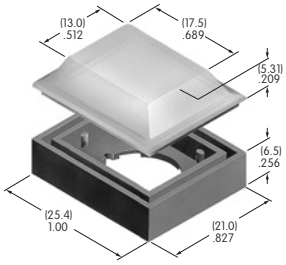
## AT4022
**Rectangular Colored Insert Cap**
Polycarbonate
Cap Colors: JB JC JE JF JG
Series: KB



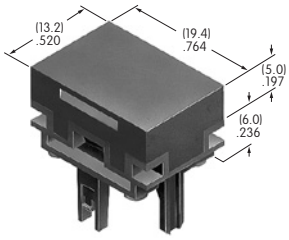

## AT4024
**Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Series: KB



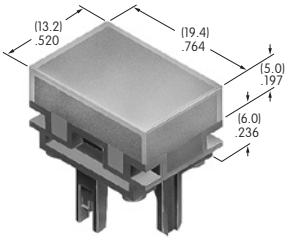

## AT4025
**Rectangular Dust Cover**
Lid: Polyvinyl chloride
Base: Polyamide
Series: KB



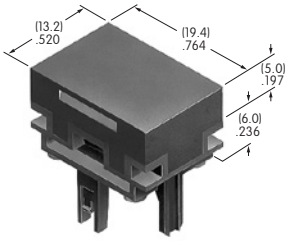

## AT4026
**Rectangular Solid Colored Cap**
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB



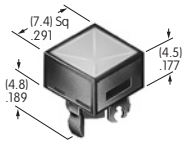

## AT4027
**Rectangular Colored Insert Cap**
Polycarbonate
Colors: JB JC JE JF JG
Series: LB



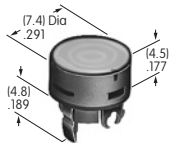

## AT4030
**Rectangular Nonilluminated Cap**
Polycarbonate
Colors: A B C E F G H
Series: LB



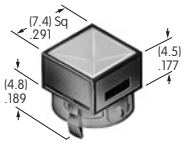

## AT4031
**Square Cap for Bright & Super Bright LED**
Polycarbonate
Colors: JB
Series: HB



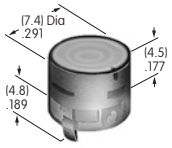

## AT4032
**Round Cap for Bright & Super Bright LED**
Polycarbonate
Colors: JB
Series: HB




## AT4033
**Square Indicator Cap**
Polycarbonate
Colors: JB
Series: HB

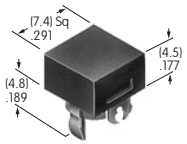



## AT4034
**Round Indicator Cap**
Polycarbonate
Colors: JB
Series: HB

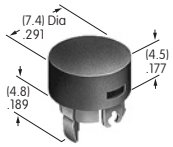



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

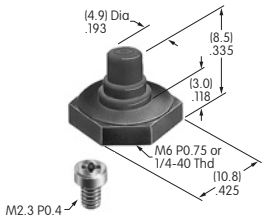
## AT4035
**Square Nonilluminated Cap**
Polycarbonate
Colors: A B C E F G
Series: HB



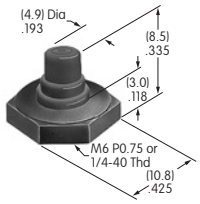

## AT4036
**Round Nonilluminated Cap**
Polycarbonate
Colors: B C E F G
Series: HB



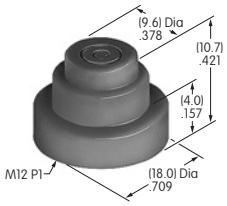

## AT4041 (M-metric H-inch)
**Splashproof Boot for Momentary**
Black silicone rubber
Series: MB



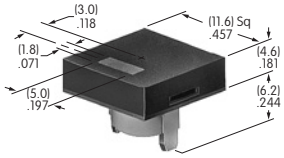

## AT4042 (M-metric H-inch)
**Splashproof Boot for Alternate**
Black silicone rubber
Series: MB



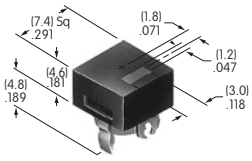

## AT4043
**Splashproof Boot**
Black silicone rubber
Series: MB SB WB



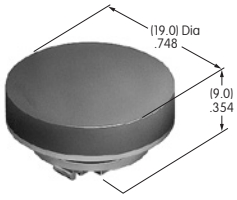

## AT4051
**Spot Illuminated Cap**
Polycarbonate
Colors: AB
Series: KB



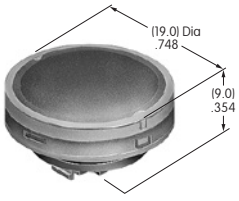

## AT4052
**Spot Illuminated Cap**
Polycarbonate
Colors: AB
Series: HB



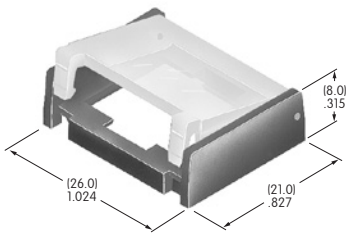

## AT4054
**Round Solid Colored Cap**
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB Panel Seal



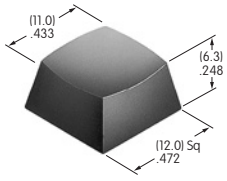

## AT4055
**Round Colored Insert Cap**
Polycarbonate
Colors: JB JC JE JF JG
Series: LB Panel Seal




## AT4057
**Protective Guard**
Polycarbonate
Series: LB



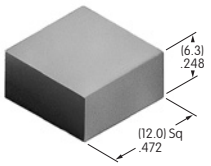

## AT4058
**Sculptured Cap**
Polyamide
Colors: A B C E F G H
Series: JB



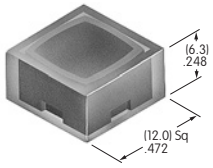

**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# Accessories & Hardware

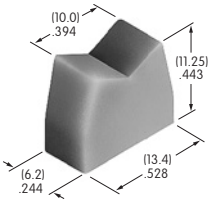
## AT4059
**Flat Cap**
Polycarbonate
Colors: A B C E F G H
Series: JB



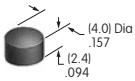

## AT4060
**Clear Cap with Colored Diffuser**
Polycarbonate
Colors: JB JC JE JF
Series: JB



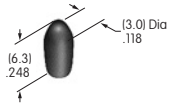

## AT4062
**Rocker**
Polyamide
Colors: A B C
Series: G



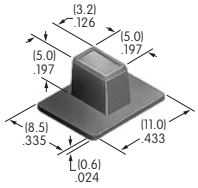

## AT4063
**.157" Diameter Slip-on Cap**
Polyamide
Colors: A B C
Series: GB G3B



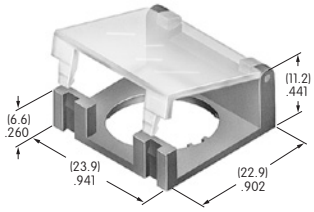

## AT4064
**.248" Bat Lever Cap**
Polyvinyl chloride
Colors: A B C
Series: A B



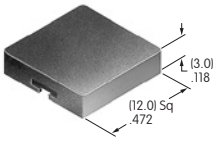

## AT4065
**Slide Cap**
Polycarbonate
Cap Color: A
Window: C E F
Series: SS



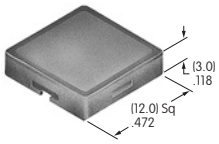

## AT4072
**Protective Guard**
Lid: Polycarbonate
Base: Glass fiber reinforced polycarbonate
Series: YB



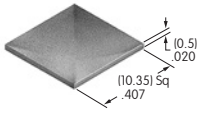

## AT4073
**Square Opaque Cap for Nonilluminated**
Polycarbonate
Colors: A B C E F G
Series: UB



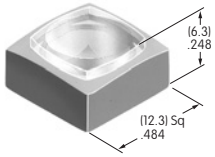

## AT4074
**Square Transparent Cap for Illuminated**
Polycarbonate
Colors: C D F J
Series: UB



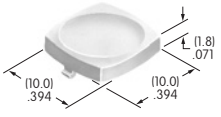

## AT4075
**Diffuser for AT4074 Square Cap**
Polycarbonate
Colors: B C D F
Series: UB




## AT4076
**Button with Frame for Illuminated**
Polycarbonate
Colors: BB BC BE BF BH
Series: JB

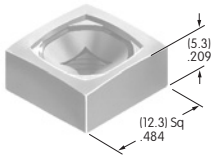



## AT4077
**Button for Nonilluminated**
Polycarbonate
Colors: B C E F G H
Series: JB

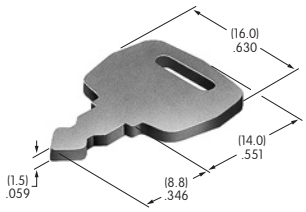



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

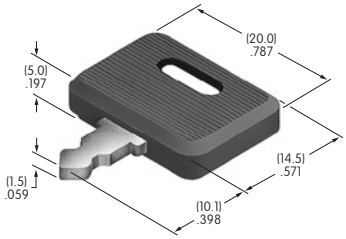
## AT4078
**Frame for AT4077**
Polycarbonate
Colors: B C E F G H
Series: JB



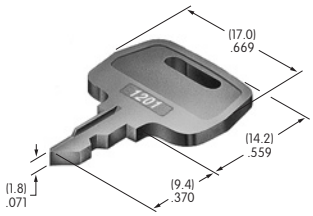

## AT4079
**Actuator Key**
Brass alloy with
bright nickel plating
Series: SK



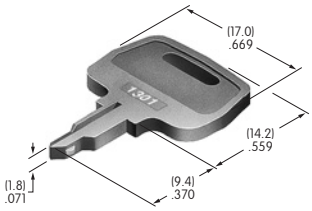

## AT4080
**Actuator Key**
Brass alloy with
bright nickel plating
Antistatic ABS resin handle
Color: A
Series: SK



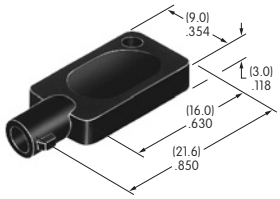

## AT4081
**Actuator Key**
Zinc alloy with chrome plating
Series: SK




## AT4082
**Actuator Key**
Zinc alloy with chrome plating
Series: SK

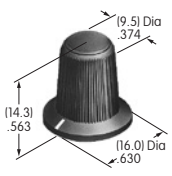



## AT4094
**Actuator Key**
Polyacetal
Color: A
Series: SK

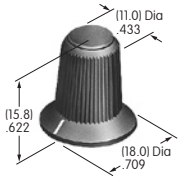



# AT4100s

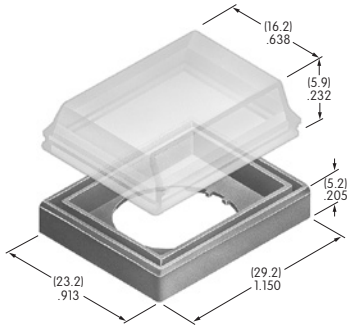
## AT4103
**Small Color Tipped Knob**
Polyester with polyamide tip
Base Color: A
Tip Colors: A B C E F G H
Series: FR01 MR




## AT4104
**Large Color Tipped Knob**
Polyester with polyamide tip
Base Color: A
Tip Colors: A B C E F G H
Series: FR01 MR




## AT4115
**Dust Cover**
Lid: Polyvinyl chloride
Base: Polyamide
Series: YB

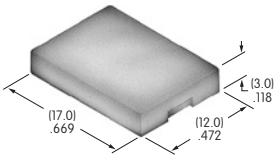



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

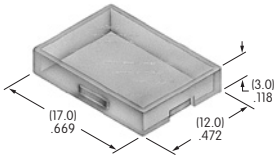
# Accessories & Hardware



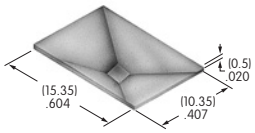
## AT4116
**Rectangular Opaque Cap for Nonilluminated**
Polycarbonate
Colors: A B C E F G
Series: UB



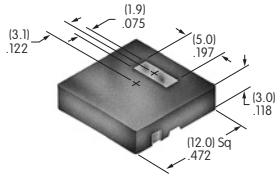

## AT4117
**Rectangular Transparent Cap for Illuminated**
Polycarbonate
Colors: C D F J
Series: UB



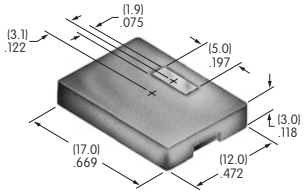

## AT4118
**Diffuser for AT4117 Rectangular Transparent Cap**
Polycarbonate
Colors: B C D F
Series: UB



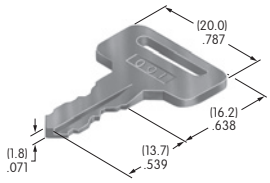

## AT4119
**Square Spot Illuminated Cap**
Polycarbonate
Colors: AB
Series: UB



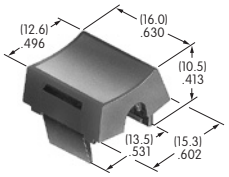

## AT4120
**Rectangular Spot Illuminated Cap**
Polycarbonate
Colors: AB
Series: UB



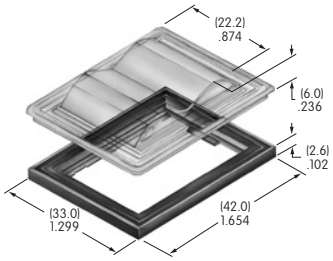

## AT4124
**Actuator Key**
Brass with nickel plating
Series: SK



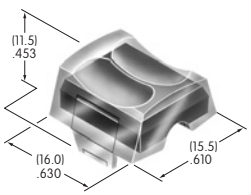

## AT4125
**LED Rocker**
Polycarbonate
Colors: B C E F
Series: MLW




## AT4126
**Dust Cover**
Polyvinyl chloride & polyamide
Color: A
Series: JWL

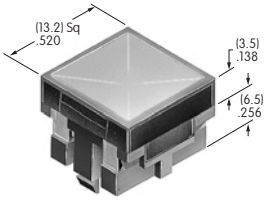



## AT4127
**Sculptured Rocker**
Polycarbonate
Colors: B C E F
Series: MLW

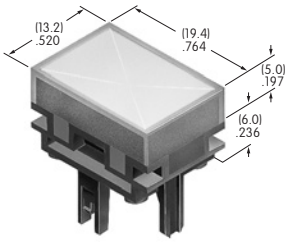



## AT4128
**Round Cap for Super Bright LED**
Polycarbonate
Colors: JB
Series: LB

## AT4129
**Square Cap for Super Bright LED**
Polycarbonate
Colors: JB
Series: LB

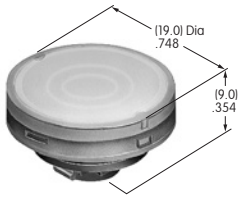



## AT4130
**Rectangular Cap for Super Bright LED**
Polycarbonate
Colors: JB
Series: LB




**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

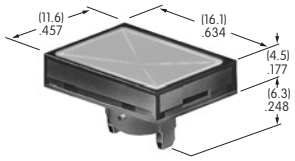
## AT4131
**Round Cap for Super Bright LED**
Polycarbonate
Colors: JB
Series: LB Panel Seal



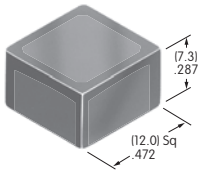

## AT4132
**Round Cap for Bright & Super Bright LED**
Polycarbonate
Colors: JB
Series: KB

## AT4133
**Square Cap for Bright & Super Bright LED**
Polycarbonate
Colors: JB
Series: KB

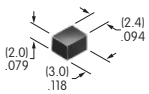
## AT4134
**Rectangular Cap for Bright & Super Bright LED**
Polycarbonate
Colors: JB
Series: KB



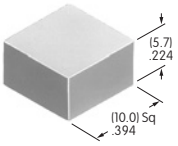

## AT4135
**Frosted Cap with White Base**
Polycarbonate
Colors: B C E F
Series: JB



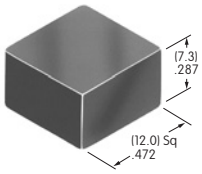

## AT4137
**Rectangular Cap**
PBT
Colors: A B C
Series: GB2



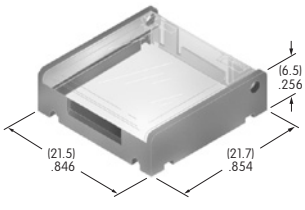

## AT4139
**Square Flat Cap**
Polycarbonate
Colors: A B C H
Series: JB



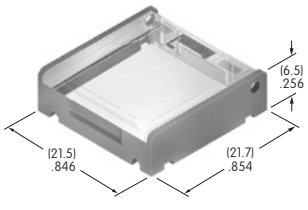

## AT4140
**Cap for Mounter AT547**
Polycarbonate
Colors: A B C H
Series: JB



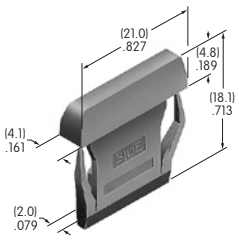

## AT4141
**Protective Guard**
Cover: Polycarbonate
Base: GFR polyamide
Series: UB2



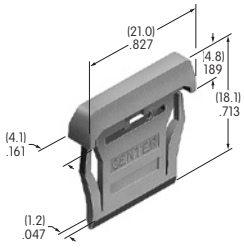

## AT4142
**Spring Loaded Protective Guard**
Cover: Polycarbonate
Base: GFR polyamide
Coil spring: Stainless steel
Series: UB2




## AT4143
**End Barrier**
Polyamide
Color: A
Series: UB2



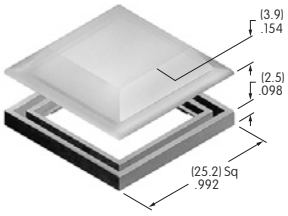

## AT4144
**Center Barrier**
Polyamide
Color: A
Series: UB2



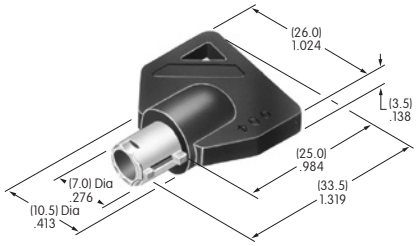

**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# Accessories & Hardware

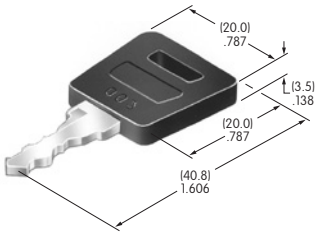
## AT4145
**Square Dust Cover**
Lid: PVC
Gasket: Polyethylene
Series: UB2



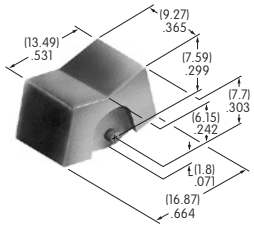

## AT4146
**Tubular Key**
Brass with nickel plating
ABS handle
Color: A
Series: CKM



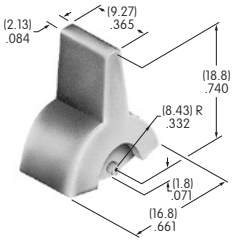

## AT4147
**Flat Key**
Brass with nickel plating
ABS handle
Color: A
Series: CKM



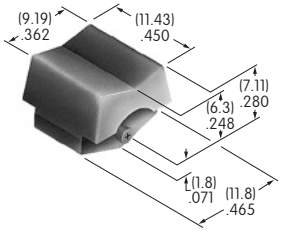

## AT4148
**.365" Wide Rocker**
Polyamide
Colors: A B C E F G H
Series: M M2T P



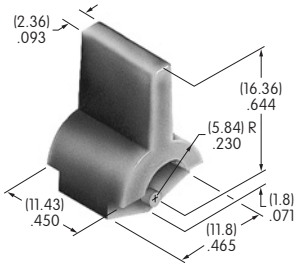

## AT4149
**.365" Wide Paddle**
Polyamide
Colors: A B C E F G H
Series: M M2T P



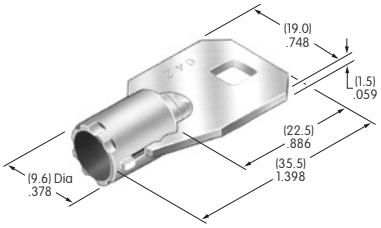

## AT4150
**.450" Wide Rocker**
Polyamide
Colors: A B C E F G H
Series: M M2T



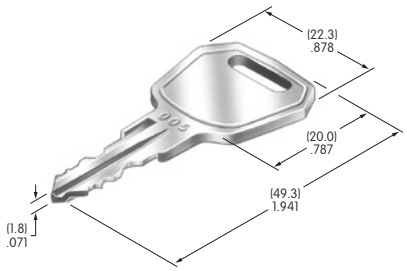

## AT4151
**.450" Wide Paddle**
Polyamide
Colors: A B C E F G H
Series: M M2T



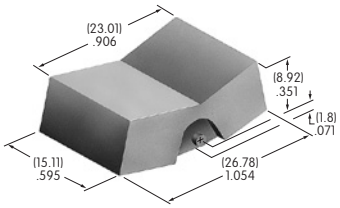

## AT4152
**Tubular Key**
Brass with nickel plating
Series: CKL



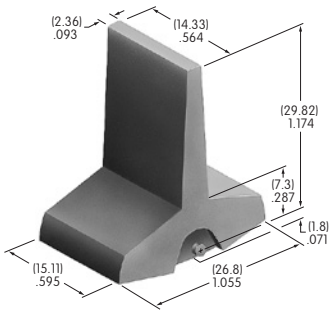

## AT4153
**Flat Key**
Brass with chrome plating
Series: CKL




## AT4156
**.595" Wide Rocker**
Polyamide
Colors: A B C E F G H
Series: M P

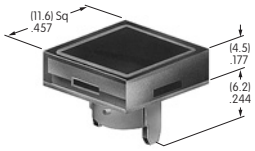



## AT4157
**.595" Wide Paddle**
Polyamide
Colors: A B C E F G H
Series: M P

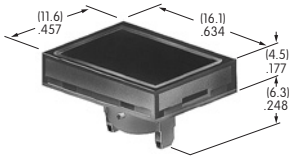



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

## AT4158
**Square Cap for Bright LED**
Polycarbonate
Colors: JC JD JF
Series: KB

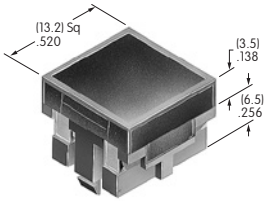



## AT4159
**Rectangular Cap for Bright LED**
Polycarbonate
Colors: JC JD JF
Series: KB

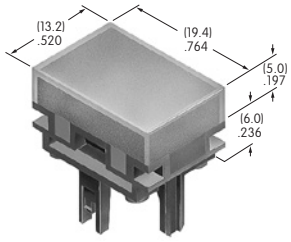



## AT4160
**Round Cap for Bright LED**
Polycarbonate
Colors: JC JD JF
Series: KB

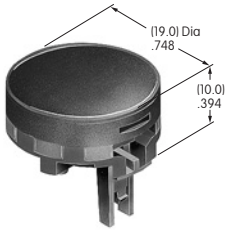
## AT4162
**Square Cap for Bright LED**
Polycarbonate
Colors: JB JC JD JF
Series: LB



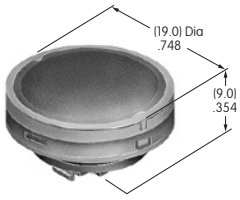

## AT4163
**Rectangular Cap for Bright LED**
Polycarbonate
Colors: JB JC JD JF
Series: LB



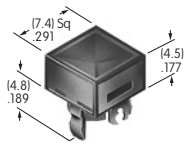

## AT4164
**Round Cap for Bright LED**
Polycarbonate
Colors: JB JC JD JF
Series: LB



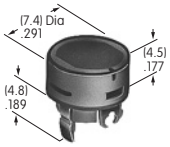

## AT4165
**Round Cap for Bright LED**
Polycarbonate
Colors: JB JC JD JF
Series: LB Panel Seal



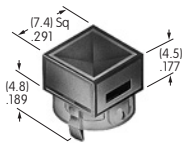

## AT4166
**Square Cap for Bright LED**
Polycarbonate
Colors: CB DB FB
Series: HB



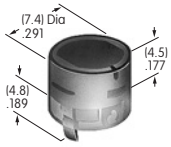

## AT4167
**Round Cap for Bright LED**
Polycarbonate
Colors: CB DB FB
Series: HB




## AT4168
**Square Indicator Cap for Bright LED**
Polycarbonate
Colors: CB DB FB
Series: HB




## AT4169
**Round Indicator Cap for Bright LED**
Polycarbonate
Colors: CB DB FB
Series: HB

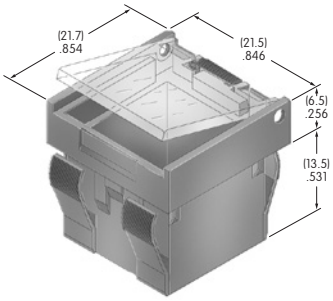



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

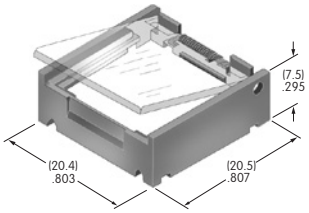
# Accessories & Hardware



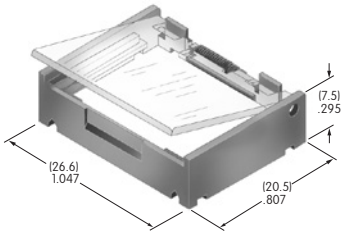
## AT4170
**Spring Loaded Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: UB2



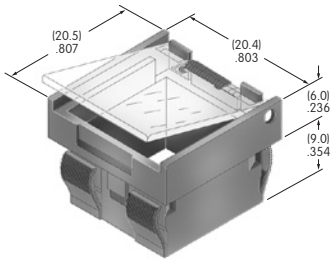

## AT4171
**Spring Loaded Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: LB UB



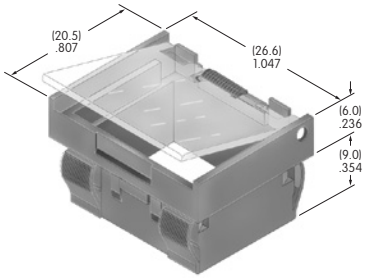

## AT4172
**Spring Loaded Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: LB UB



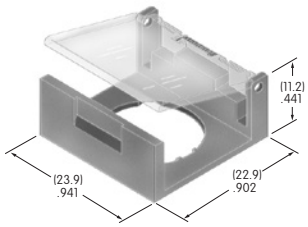

## AT4173
**Spring Loaded Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: UB



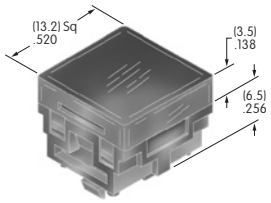

## AT4174
**Spring Loaded Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: UB



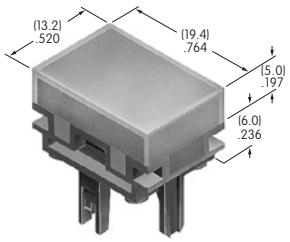

## AT4175
**Spring Loaded Protective Guard**
Cover: Polycarbonate
Base: Glass fiber reinforced polyamide
Coil spring: Stainless steel
Series: YB



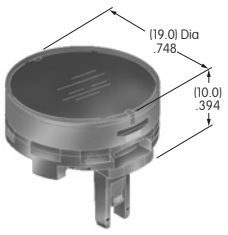

## AT4176
**Square Cap for Bright LED**
Polycarbonate
Colors: JB JC JD JF
Series: LB




## AT4177
**Rectangular Cap for Bright LED**
Polycarbonate
Colors: JB JC JD JF
Series: LB

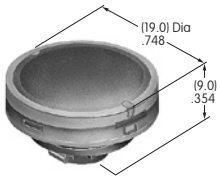



## AT4178
**Round Cap for Bright LED**
Polycarbonate
Colors: JB JC JD JF
Series: LB

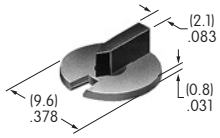



**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

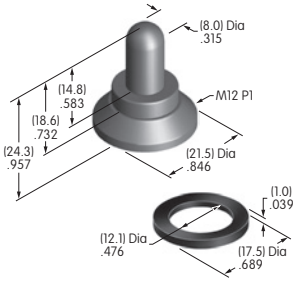
## AT4179
**Round Cap for Bright LED**
Polycarbonate
Colors: JB JC JD JF
Series: LB Panel Seal




## AT4180
**Snap-on Knob**
Polyamide
Knob: Black
Flange: Transparent brown
Series: FR01

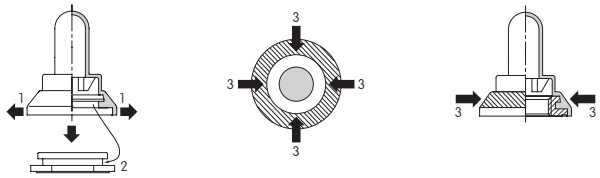



## AT4181 NEW
**Splashproof Boot Assembly**
Boot Material: Black silicon rubber
Hex Nut Material & Finish:
Nickel plated brass
O-ring Material:
Nitrile butadiene rubber
Series: M P S WT

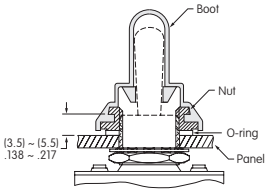



### Switch Installation Instructions
1. Install switch bushing into mounting hole of panel from the back and adjust bushing to protrude 3.5 ~ 5.5mm (.138 ~ .217″).
2. Install o-ring on bushing and tighten nut from above.
3. Insert boot onto nut. Be sure the boot and nut are a firm, secure fit.

### For 12mm Bushings in M, P, S & WT Toggles
### Boot & Nut Assembly Instructions
1. Stretch base of the boot to fit around outer edges of the nut.
2. The ridge inside of boot must be firmly seated in groove of the nut.
3. Moving all around perimeter, push (with about 10N of force) toward center to assure boot seals tightly into groove (with no air pockets).

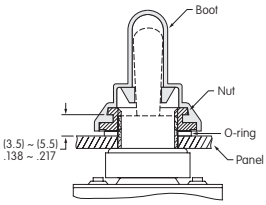



### Non-Splashproof Switches
### M, P or S Toggles with 12mm Bushings

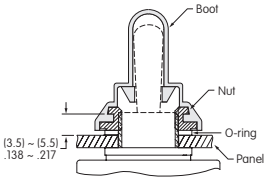



Use boot, nut and o-ring as shown. Use lockwasher and hexagon nut (from standard switch hardware) behind panel.

### Splashproof Switches
### S1AW ~ S29AW S Toggles




### WT Toggles or M Toggle with B3 Bushing




Use boot, nut and o-ring as shown. Use o-ring only (from standard switch hardware) behind panel.

| Series or Part Numbers | Panel Thickness (Maximum) |
|---|---|
| • M Series B2 Toggles with 12mm B1 & B3 Bushings<br>• P Series B Toggles with 12mm Bushing<br>• S31 ~ 39, S41 ~ 49, S31F ~ 33F, S41F ~ S43F, S31T ~ 33T, S41T ~ 43T<br>• S301 ~ 309, S331 ~ 339, S301F, S331F ~ 333F, S335F, S301T ~ 309T, S331T ~ 339T<br>• S421 ~ 429, S421T ~ 429 | 5.0mm (.197″) |
| • WT11S ~ 29S, WT11T ~ 29T, WT11L ~ 29L | 3.5mm (.138″) |
| • S1A ~ 7A, S21A, S1F ~ 7F, S21F<br>• S114, S116<br>• S1AW ~ 9AW, S21AW, S25AW ~ 29AW | 3.0mm (.118″) |

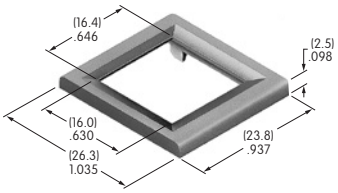
**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# Accessories & Hardware

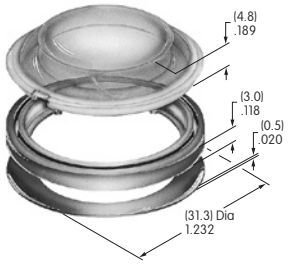


## AT9000s

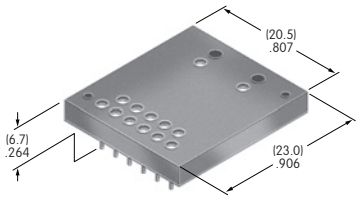
### AT9201
**Bezel**
Polycarbonate
Colors: A B C D E F G H
Series: MLW



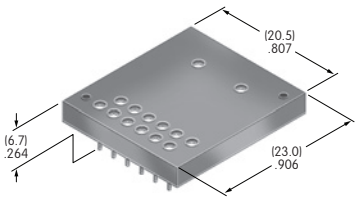

### AT9410
**Round Splash Cover**
Lid: Polyvinyl chloride
Base: Polyethylene
O-ring: Nitrile butadiene rubber
Series: LB Panel Seal



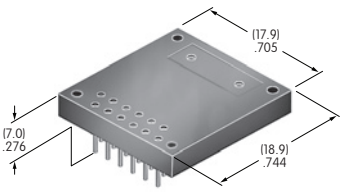

### AT9704-02YC
**Socket for LCD 36 x 24**
**Single & Bicolor Pushbutton**
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch




### AT9704-065E NEW
**Socket for LCD 36 x 24**
**RGB Pushbutton**
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch

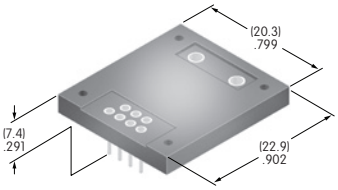



### AT9704-065F
**Socket for LCD 36 x 24**
**Compact Pushbutton**
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch

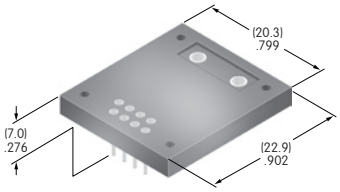



Note: By extracting some of the pins, socket may be used for the **64 x 32 Compact Pushbutton**

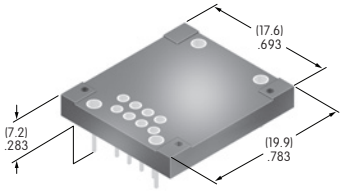
### AT9704-085K NEW
**Socket for LCD 64 x 32 Pushbutton**
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch




### AT9704-085L NEW
**Socket for OLED 64 x 48 Pushbutton**
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch




### AT9704-085M NEW
**Socket for OLED 52 x 36 Display**
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch




**Color Codes:** **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

NKK Switches:

AT507H AT3079JB AT210 AT4170 AT3080JB AT4065F AT454C AT4052AB AT413G AT407A AT406G AT405C AT405E AT406C AT401P AT407C AT405G AT407B AT405F AT407F AT405B AT406A AT401H AT406F AT406B AT406E AT4158JC AT4158JD AT4158JF AT4104G AT4152-046 AT4152-001 AT108 AT106 AT107 AT109 AT105 AT214 AT202 AT215 AT209 AT211 AT4178JC AT201 AT4178JF AT4178JD AT4153-011 AT711 AT512CH AT712 AT437C AT420B AT422C AT422A AT426F AT422F AT426B AT426E AT422B AT426C AT444B AT442C AT443C AT633C AT633D AT633F AT476CJ AT4024 AT504M AT476GJ AT4012EJ AT4012CJ AT4001 AT4043 AT4002 AT4012GJ AT476EJ AT4026GJ AT3004JB AT475C AT475B AT475A AT4176Z AT4060X-J AT414C AT496A AT412C AT496C AT414B AT414A AT412B AT412A AT496B AT702 AT701 AT4165JD AT4165JB AT625G AT080 AT4168CB