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Color Codes

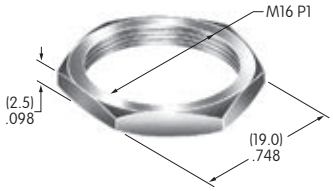
A Black	**D** Amber	**G** Blue	**P** Brushed Chrome
B White	**E** Yellow	**H** Gray	**S** Metallic Silver
C Red	**F** Green	**J** Clear	

Hardware Threading

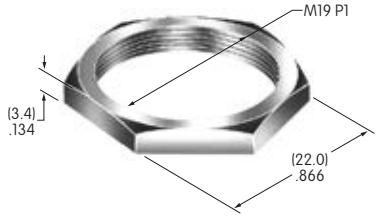
Many hardware pieces are available in both metric and inch threading, and in such cases **M** (metric) and **H** (inch) are noted in the descriptions. The customer must select threading by placing an M or H after the basic AT part number. If the hardware is available only in metric or inch, no code is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

AT010s~ AT090s

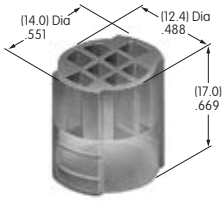
AT016
16mm Hex Mounting Nut
Steel with nickel plating
Series: CKM LP01



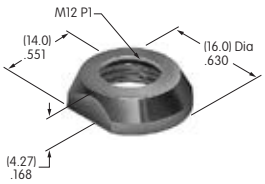
AT019
19mm Hex Mounting Nut
Steel with nickel plating
Series: CKL



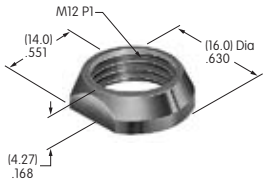
AT055
Crossover Guard
Polypropylene
Series: KB



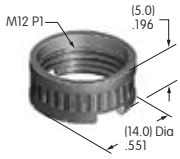
AT056
Dress Cap Nut
Brass with chrome plating
Series: M P S



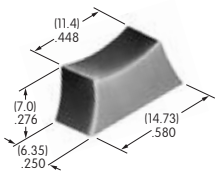
AT056T
Threaded Through Dress Nut
Brass with chrome plating
Series: M P S



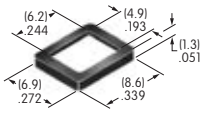
AT057
Mounting Nut
Brass with zinc plating, chromate finish
Series: KB



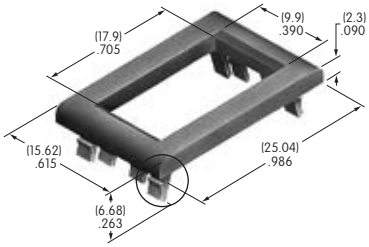
AT062
.250" Wide Rocker
Polyamide
Colors: A B C
Series: A



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



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

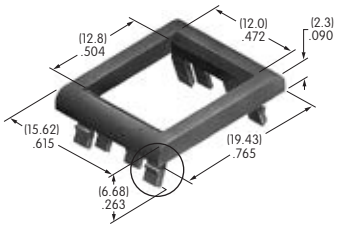
AT064-2
Panel Frame for Rocker & Paddle .365" Wide
Polyamide
Color: A
Series: M

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

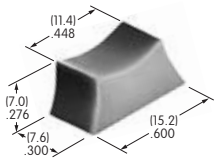


AT065-1 accommodates panel thickness
1.2 ~ 2.3mm
(.047 ~ .090")

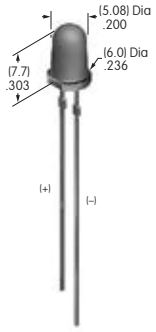
AT065-2
Panel Frame for Rocker & Paddle .450" Wide
Polyamide
Color: A
Series: M

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

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

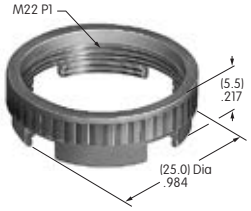


AT070
LED for AT208 Bezel
Colors: C F
Series: EB M MB24

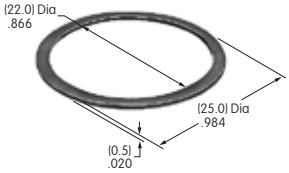


AT073
Mounting Nut
Brass with nickel plating
Series: HB

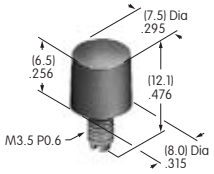
AT074
Mounting Nut for LB Panel Seal
Brass with chromate
Series: LB



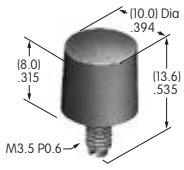
AT075
O-ring for LB Panel Seal
Nitrile butadiene rubber
Series: LB



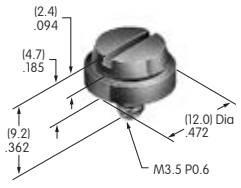
AT078
.315" (8.0mm) Diameter Screw-on Cap
Polystyrene
Colors: A B C E F G H
Series: MB20 SCB WB



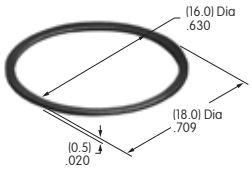
AT079
.394" (10.0mm) Diameter Screw-on Cap
Polystyrene
Colors: A B C E F G H
Series: MB20 SCB WB



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

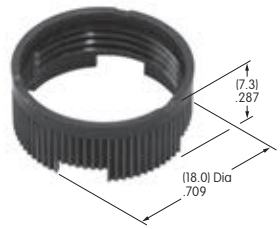


AT089
O-ring for YB Panel Seal
Nitrile butadiene rubber
Series: YB

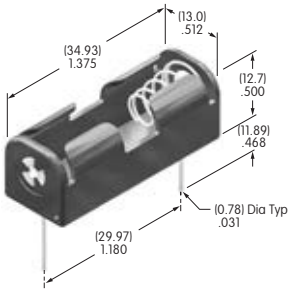


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

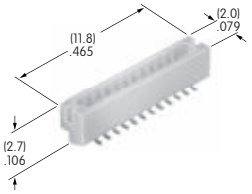
AT092
Knurled Mounting Nut
Glass fiber reinforced PBT
Series: YB YB2 (Square)



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

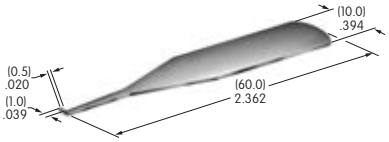


AT097
JST Connector for OLED Rocker
JST Part No. BM12B-SURS
PCB Mount
Series: SmartSwitch

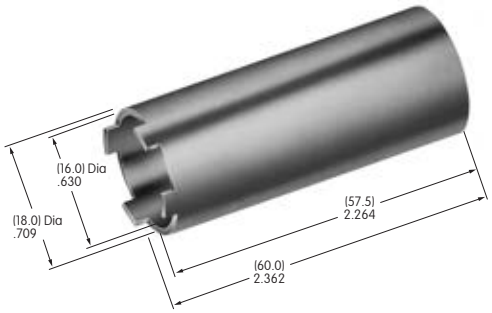


AT100s

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

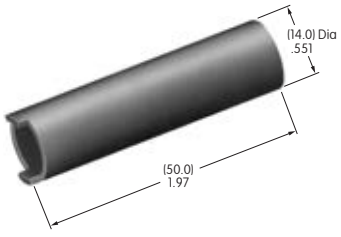


AT106
Socket Wrench
Aluminum with black alumite finish
Series: YB YB2

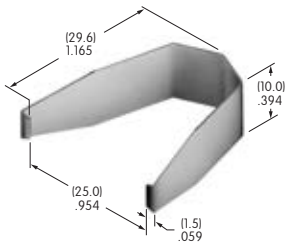


AT107
Lamp Extractor
Polyvinyl chloride
Series: KB LW MLW YB

AT108
Socket Wrench
Aluminum with black alumite finish
Series: KB



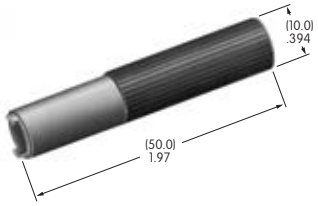
AT109
Cap Extractor
Stainless steel
Series: HB KB LB UB YB



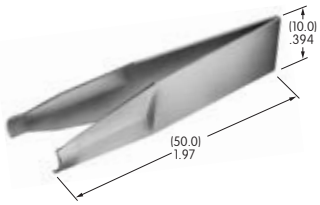
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

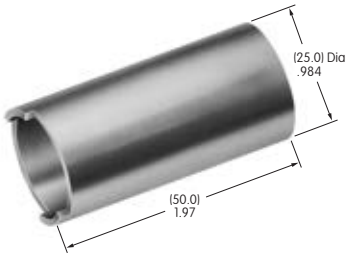
AT110
Socket Wrench
Brass
Series: HB



AT111
Lamping Tool
Stainless steel
Series: HB KB YB

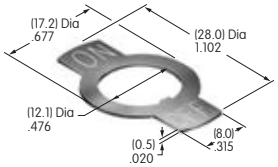


AT112
Socket Wrench
Brass with nickel plating
Series: LB

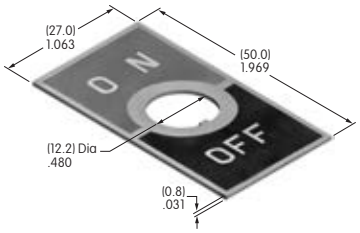


AT200s

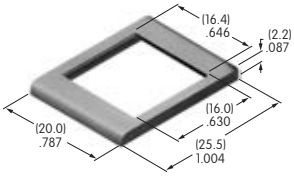
AT201
ON-OFF Plate for 12mm Threaded Bushing
Brass with nickel plating
Series: M P S



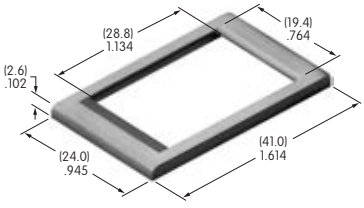
AT202
ON-OFF Plate for 12mm Threaded Bushing
Aluminum
Colors: Red & black enamel
Series: M P S



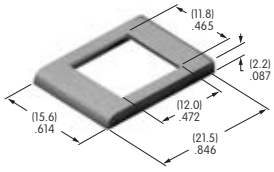
AT204
Bezel
Polycarbonate
Colors: A B C D E F G H
Series: MLW



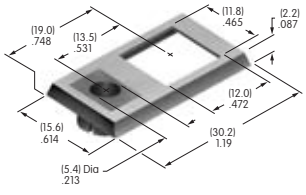
AT206
Bezel
Polycarbonate
Colors: A B C D E F G H
Series: LW



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

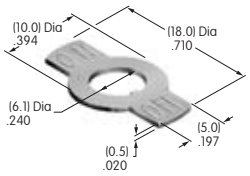


AT208
Bezel for AT070 LED
Polycarbonate
Color: A
Series: EB M MB24 MB25

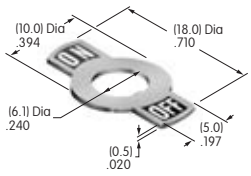


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

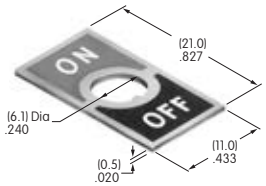
AT209
ON-OFF Plate for 6mm Threaded Bushing
Brass with nickel plating
Series: M P



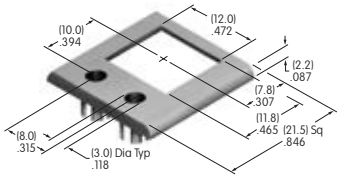
AT210
ON-OFF Plate for 6mm Threaded Bushing
Aluminum
Colors: Red & black ink
Series: M P



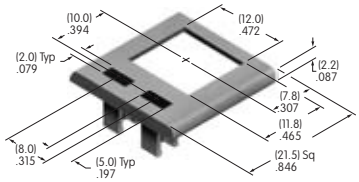
AT211
ON-OFF Plate for 6mm Threaded Bushing
Aluminum
Colors: Red & black enamel
Series: M P



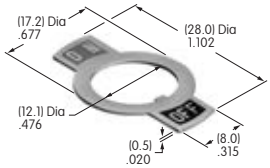
AT212
Bezel for 2 AT617 LEDs
Polycarbonate
Color: A
Series: EB M MB24 MB25



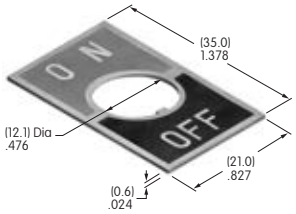
AT213
Bezel for 2 AT618 LEDs
Polycarbonate
Color: A
Series: EB M MB24 MB25



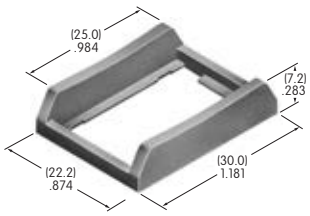
AT214
ON-OFF Plate for 12mm Threaded Bushing
Aluminum
Colors: Red & black ink
Series: M P S



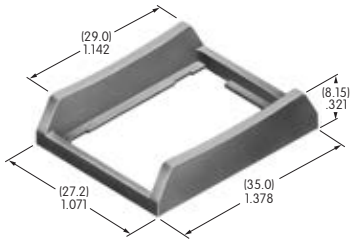
AT215
ON-OFF Plate for 12mm Threaded Bushing
Aluminum
Colors: Red & black enamel
Series: M P S



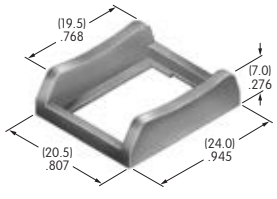
AT217
Barrier
Polyamide
Colors: A B H
Series: JWM



AT218
Barrier
Polyamide
Colors: A B H
Series: JWL



AT219
Barrier
Polyamide
Colors: A
Series: JWS

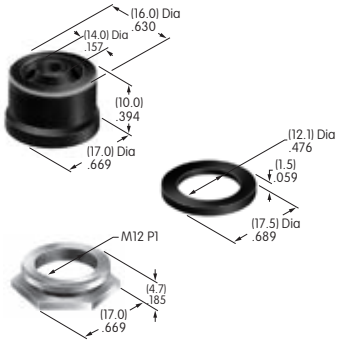


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

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

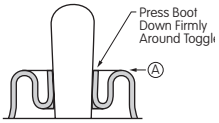
Switch Installation Instructions

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

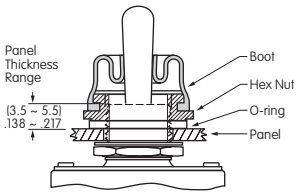
Boot Assembly Instructions

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

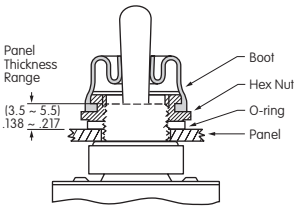
M, P or S Toggles with 12mm Bushings



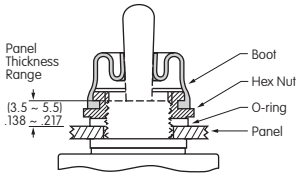
Use boot, nut and o-ring as shown. Use lockwasher and hexagon nut (from standard switch hardware) behind panel.

Splashproof Switches

S1AW ~ S29AW S Toggles

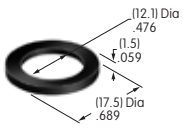


WT Toggles or M Toggle with B3 Bushing

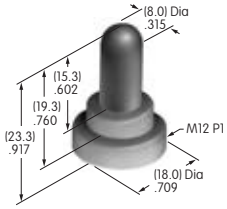


Use boot, nut and o-ring as shown. Use o-ring only (from standard switch hardware) behind panel.

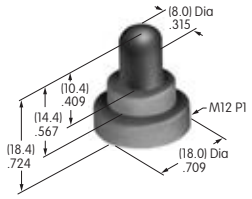
AT401P
O-ring
Nitrile butadiene rubber
Color: A
Series: M MB20 TL WB WT



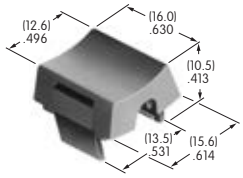
AT402
Splashproof Boot
Silicon rubber for A C E F
Ethylene propylene rubber for H
Colors: A C E F H
Series: M P S



AT402S
Splashproof Boot
Silicon rubber
Color: A
Series: M



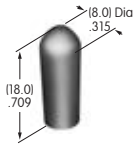
AT405
Solid Color Rocker
Polycarbonate
Colors: A B C D E F G
Series: MLW



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

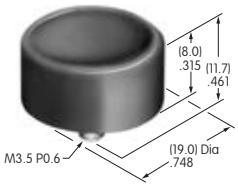
Accessories & Hardware

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

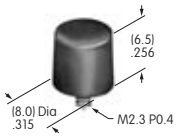


AT407
.394" Diameter
Screw-on Cap
PBT
Colors: A B C E F G H
Series: MB20

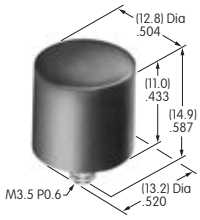
AT412
.748" Diameter
Screw-on Cap
Polystyrene
Colors: A B C F
Series: MB20 SCB WB



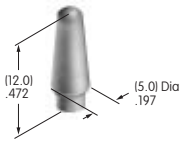
AT413
.315" Diameter
Screw-on Cap
PBT
Colors: A B C E F G H
Series: MB20



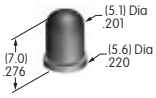
AT414
.520" Diameter
Screw-on Cap
PBT
Colors: A B C D E F G H
Series: MB20 SB SCB WB



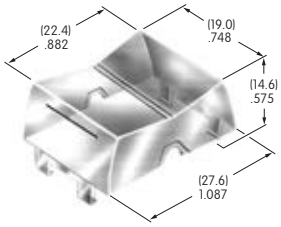
AT415
Bat Lever Cap
Polyethylene
Colors: A B C E F G
Series: D2 M



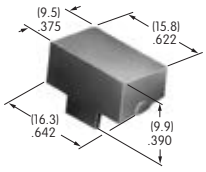
AT416
Lamp Cover for AT602
Silicon rubber
Colors: C D F
Series: LW



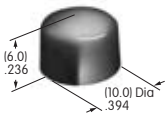
AT420
Rocker
Polycarbonate
Colors: B J
Series: LW



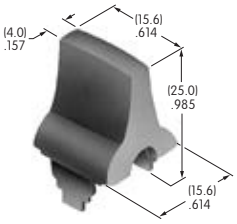
AT421
Filter for AT420
Polycarbonate
Colors: B C D E F G
Series: LW



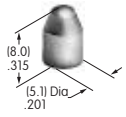
AT422
Slip-on Cap
Polyethylene
Colors: A B C E F G
Series: SB40



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



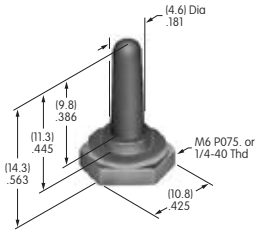
AT427
Cap for Locking Lever (code L)
Brass with bright nickel plating
(supplied with switch)
Anodized aluminum
Colors: A C G
Series: D2 M



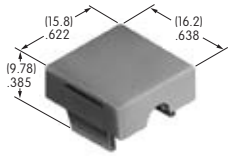
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

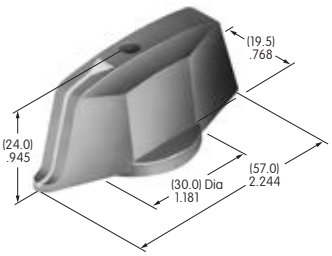
AT428 (M-metric H-inch)
Splashproof Boot
Silicone rubber
Color: A
Series: D2 M P



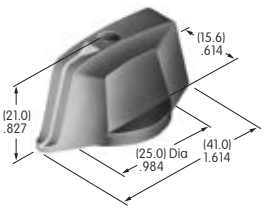
AT429
Indicator Cap
Polycarbonate
Colors: B C D E F G
Series: P01



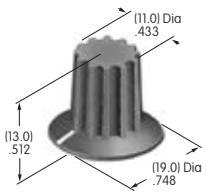
AT431
Large Rotary Knob
Phenolic resin
Color: A
Series: HS PS TS



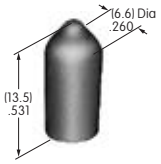
AT432
Small Rotary Knob
Phenolic resin
Color: A
Series: HS PS TS



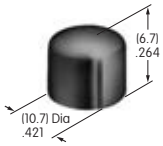
AT433
Knob for Miniature Rotaries
Polyacetal
Color: A
Series: FR01 MR



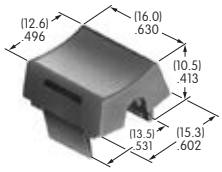
AT434
Bat Lever Cap
Polyvinyl chloride
Colors: A B C E F G
Series: M



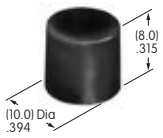
AT435
Screw-on Cap
Brass with chrome plating
Series: SB265



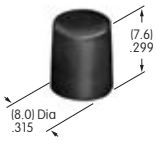
AT438
Design Rocker
Polycarbonate
Colors: B C D F G
Series: MLW



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

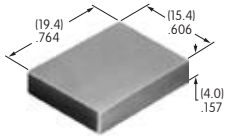


AT444
Bat Lever Conical Cap
Polyethylene
Colors: A B C E F G
Series: D2 M M2T

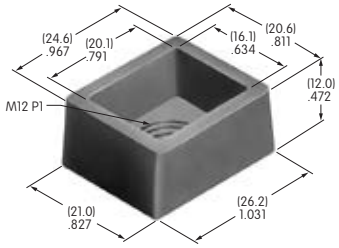
AT445
Cap for Color Tipped
Cone Toggle
Polycarbonate
Colors: A B C
Series: M

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

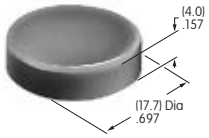
AT452
Rectangular Insert
Polycarbonate
Colors: A B C F G H
Series: MB20 SCB
Used with Screw Adaptor AT080



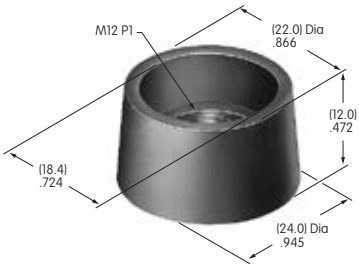
AT453
Rectangular Shroud
Polycarbonate
Colors: A B H
Series: MB20 SCB



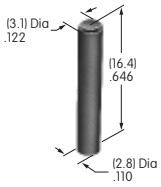
AT454
Round Insert
Polycarbonate
Colors: A B C F G H
Series: MB20 SCB
Used with Screw Adaptor AT080



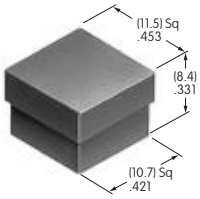
AT455
Round Shroud
Polycarbonate
Colors: A B H
Series: MB20 SCB



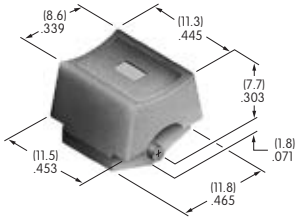
AT460
Cap for Color Capped Cone Toggle
Polyethylene
Colors: A B C E F G
Series: M



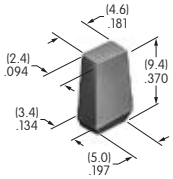
AT465
.453" Square Cap
Polycarbonate
Colors: A B C E F G H
Series: EB MB24 MB25



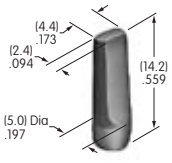
AT466
.453" False Illuminated Rocker
Polycarbonate
Cap Color: A
Window Color: B/C
Series: M



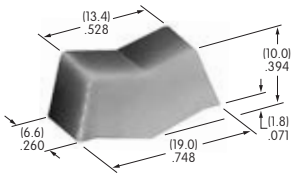
AT467
Short Paddle
Polyamide
Colors: A B C E F G H
Series: A



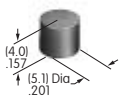
AT468
Long Paddle
Polyamide
Colors: A B C E F G H
Series: A



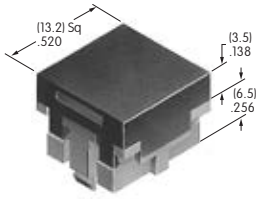
AT469
.260" Wide Rocker
Polyamide
Colors: A B C E F G H
Series: A



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



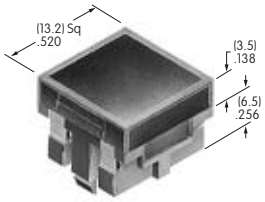
AT476
Square Solid Colored Cap
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB



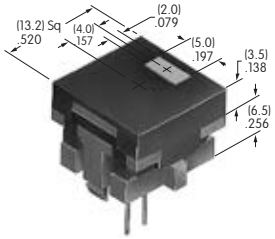
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

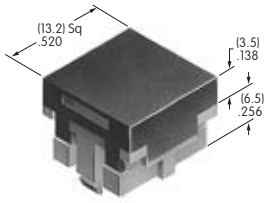
AT477
Square Colored Insert Cap
Polycarbonate
Colors: JB JC JE JF JG
Series: LB



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



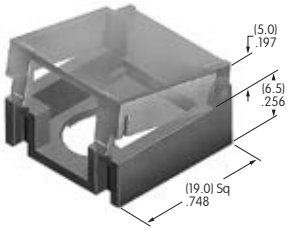
AT485
Square Solid Colored Cap
Polycarbonate
Colors: A BB CB CC EB
FB FF GB GG
Series: KB

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

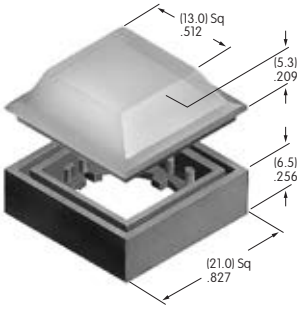
AT487
Square Colored Insert Cap
Polycarbonate
Colors: JB JC JE JF JG
Series: KB

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

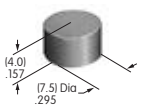
AT494
Protective Guard
Cover: Polycarbonate
Base: Polyamide
Series: KB



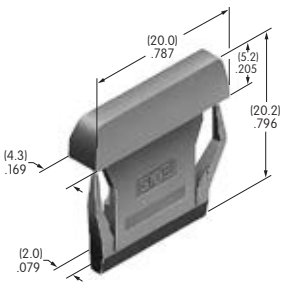
AT495
Dust Cover
Lid: Polyvinyl chloride
Base: Polyamide
Series: KB



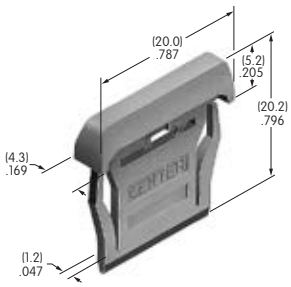
AT496
.295" Diameter Cap
Polyamide
Colors: A B C
Series: AB BB FB M2B MB24



AT497
End Barrier
Polyamide
Color: A
Series: LB



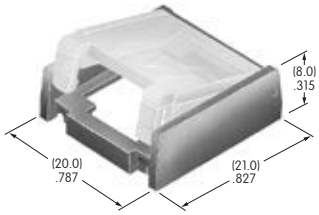
AT498
Center Barrier
Polyamide
Color: A
Series: LB



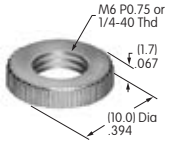
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

AT500s

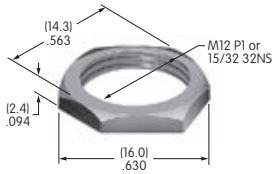
AT499
Protective Guard for Square
Cover: Polycarbonate
Base: Polyamide
Series: LB



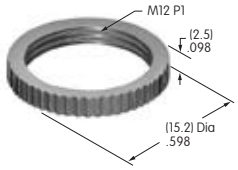
AT501 (M-metric H-inch)
Knurled Face Nut
Brass with chrome plating
Series: D2 DB EB M MB20 MB24 P



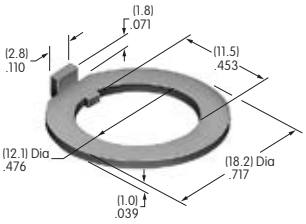
AT503 (M-metric H-inch)
Hex Face Nut
Brass with chrome plating
Series: M P S SB WB WT



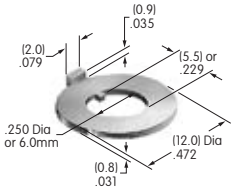
AT504M
Knurled Face Nut
Brass with chrome plating
Series: M P S SB SCB WB WT



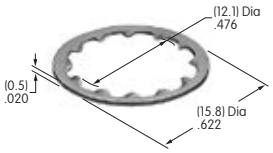
AT506M
Locking Ring
Steel with zinc/chromate
Series: M MB20 P S SB



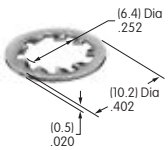
AT507 (M-metric H-inch)
Locking Ring
Steel with zinc/chromate
Series: D2 DB EB M MB20 MB24 MB25 MR P



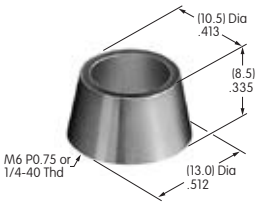
AT508
Internal Tooth Lockwasher
Steel with zinc/chromate
Series: M P S SB SCB SK TL WB WT



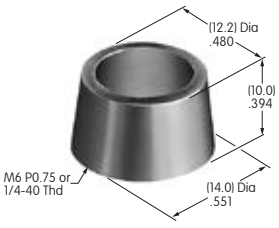
AT509
Internal Tooth Lockwasher
Steel with zinc/chromate
Series: D2 DB EB FR01 M MB25 MR P S SB



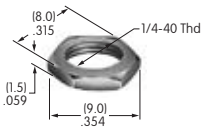
AT512 (M-metric H-inch)
Conical Nut
Brass with chrome plating
Series: EB MB20



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



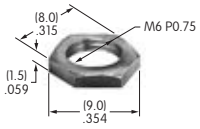
AT513H
Hex Nut
Brass with nickel plating
Series: M MB20 MB24



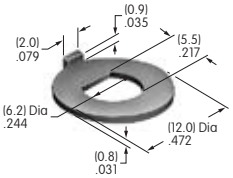
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

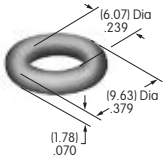
AT513M
Hex Nut
Brass with nickel plating
Series: B D2 DB EB FR01 M MB20 MB25 MR P



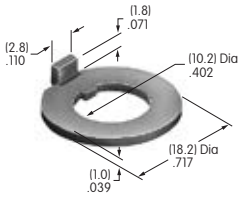
AT515 (M-metric H-inch)
Locking Ring for D Flat Bushing
Steel with zinc/chromate
Series: FR01 M MB24



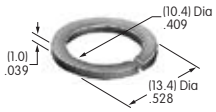
AT516
O-ring
Nitrile butadiene rubber
Series: M MB20



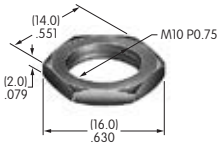
AT518
Locking Ring
Steel with zinc/chromate
Series: HS PS TS



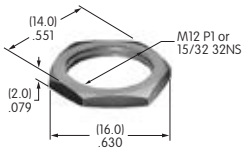
AT520
Split Lockwasher
Steel with zinc/chromate
Series: HS PS TS



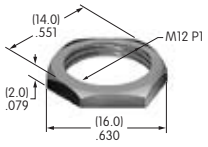
AT526
Hex Mounting Nut
Steel with nickel plating
Series: HS PS TS



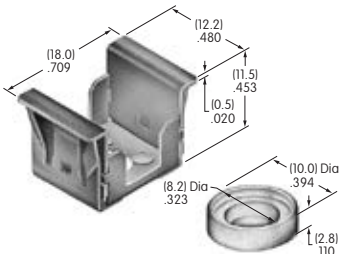
AT527 (M-metric H-inch)
Hex Mounting Nut
Steel with nickel plating
Series: M P S SB SCB SK TL



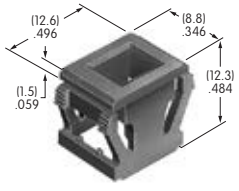
AT527MA
Black Hex Face Nut
Steel with black chrome plating
Series: TL



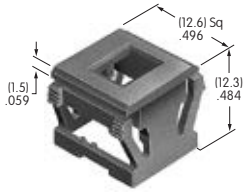
AT529
Mounter for Square Cap
Stainless steel frame
GFR PBT spacer
Series: EB



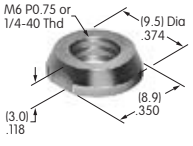
AT530
Panel Mount for Single Pole
Polyamide & polyacetel
Colors: A B C E F G H
Series: A AB



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

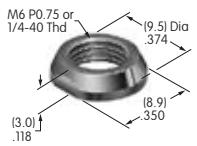


AT532 (M-metric H-inch)
Dress Cap Nut
Brass with nickel plating
Series: EB M MB20 MB24 P

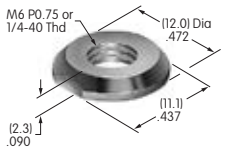


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

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

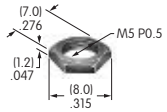


AT533T (M-metric H-inch)
Threaded Through Dress Nut
Brass with nickel plating
Series: EB M MB20 MB24 P

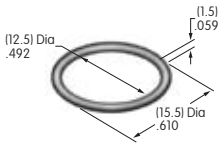


AT535
Rubber Ring for MR Panel Seal
Nitrile butadiene rubber
Series: MRB MRK

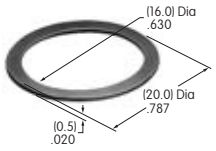
AT536
Hex Nut
Brass with nickel plating
Series: FB



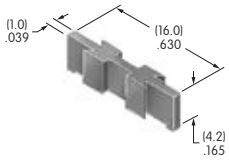
AT537
O-ring
Nitrile butadiene rubber
Series: S



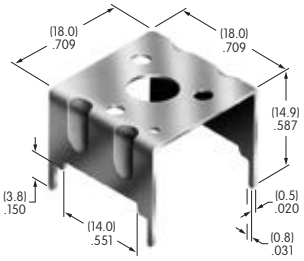
AT541
O-ring for Panel Seal with AT4115
Nitrile butadiene rubber
Series: YB



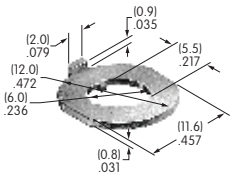
AT542
Coupler for LCD 36 x 24 Pushbutton
PBT
Series: SmartSwitch



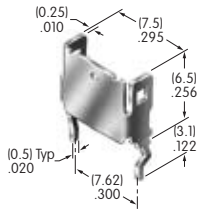
AT543
Support Bracket
Steel with tin plating
Series: MRK



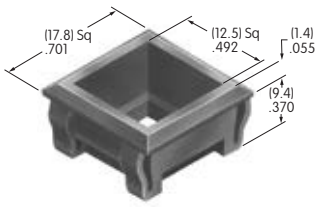
AT545
Locking Ring
Steel with zinc/chromate
Series: MRA MRB MRK



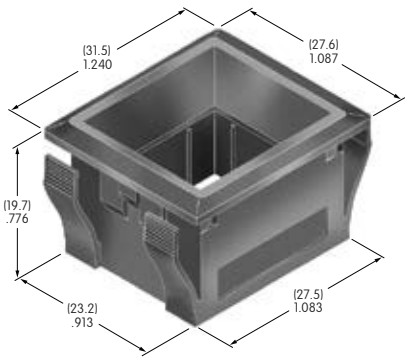
AT546
Mounting Bracket for Block Mounting
Phosphor bronze with tin plating
Series: GB2



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

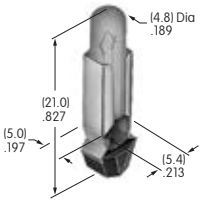


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

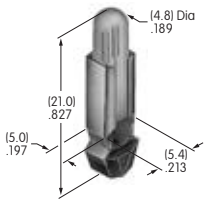
Accessories & Hardware

AT600s

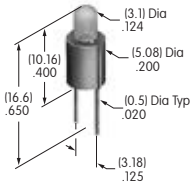
AT602
Incandescent Lamp
Volts: 6 12 18 24 28
Series: LW MLW
T-1½ Pilot Slide Base



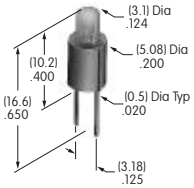
AT602N
Neon Lamp
Volts: 110
Series: LW MLW
T-1½ Pilot Slide Base



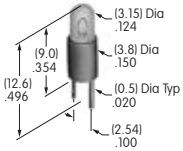
AT607
Incandescent Lamp
Volts: 5 12
Series: LB
T-1 Bi-pin



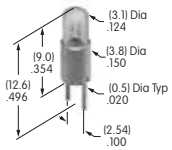
AT607N
Neon Lamp
Volts: 110
Series: LB
T-1 Bi-pin



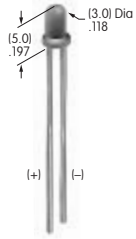
AT611
Incandescent Lamp
Volts: 5 12
Series: KB YB
T-1 Bi-pin



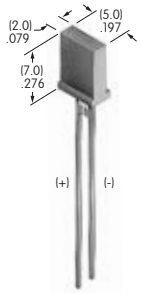
AT615
Neon Lamp
Volts: 110
Series: KB
T-1 Bi-pin



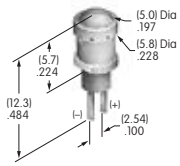
AT617
Single Element LED
Colors: C E F
Used for AT212 Bezel



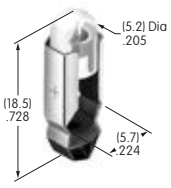
AT618
Single Element LED
Colors: C E F
Used for AT213 Bezel



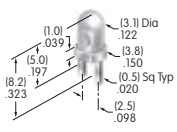
AT621
6-element Bicolor LED
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Colors: CF
Series: YB
T-1½ Bi-pin



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

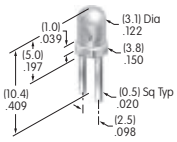


AT624
Single Element LED
Color: G
Series: HB
T-1 Bi-pin

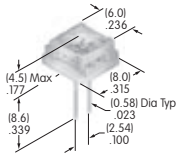


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

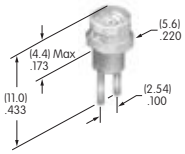
AT625
Super Bright
Single Element LED
Color: G
Series: KB LB YB YB2
T-1 Bi-pin



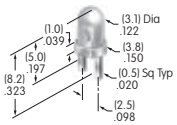
AT627
Bright
4-Element LED
With Resistor; Volts: 5 12 24
Colors: C D F
Series: LB
T-1 Bi-pin



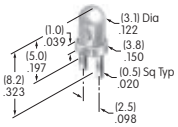
AT628
Bright
Double Element LED
Colors: C D F
Series: YB YB2
T-1 Bi-pin



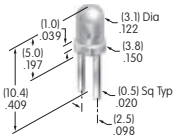
AT629
Single Element LED
Color: B
Series: HB
T-1 Bi-pin



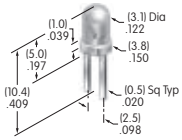
AT630
Single Element LED
Color: F
Series: HB
T-1 Bi-pin



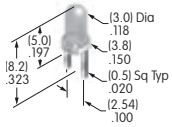
AT631
Super Bright
Single Element LED
Color: B
Series: KB LB YB YB2
T-1 Bi-pin



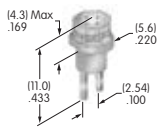
AT632
Super Bright
Single Element LED
Color: F
Series: KB LB YB YB2
T-1 Bi-pin



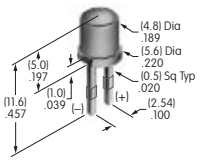
AT633
Single Element LED
Colors: C D F
Series: HB
T-1 Bi-pin



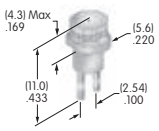
AT634
Bright
2- or 4-Element LED
With Resistor; Volts: 5 12 24
Colors: C D F
Series: KB YB YB2
T-1¼ Bi-pin



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



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

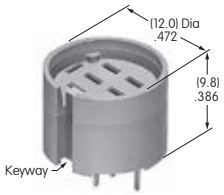


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

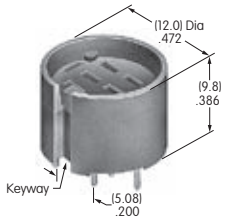
Accessories & Hardware

AT700s

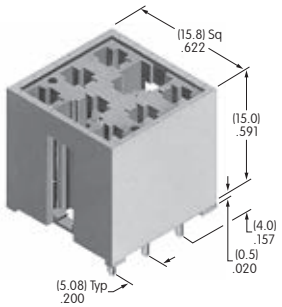
AT701
Single Pole
Straight PC Adaptor
Glass fiber
reinforced polyamide
Series: KB



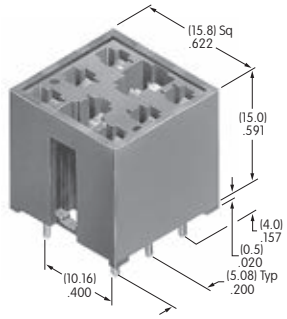
AT702
Double Pole
Straight PC Adaptor
Glass fiber
reinforced polyamide
Series: KB



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



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

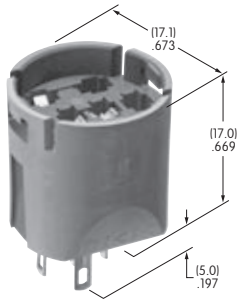


AT713
Receptacle Connector
Connects to RS232C
Compatible with
FTCS04B & FTCS05B (5-wire) or
FTCS04A & FTCS04A2 (4 wire)
Length: 19.7" (500.0mm)
Series: FT

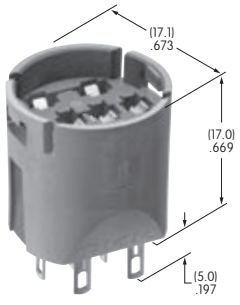
AT714
Receptacle Connector
Connects to Power Source
of Control Boards
FTCS04B & FTCS05B (5-wire)
Length: 19.7" (500.0mm)
Series: FT

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

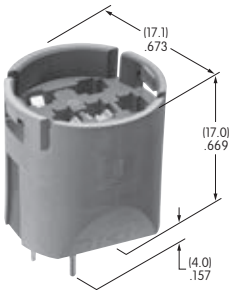
AT716
Single Pole Solder Lug/
Quick Connect Adaptor
Glass fiber reinforced polyamide
Series: LP01, YB, YB2



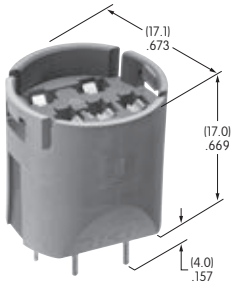
AT717
Double Pole Solder Lug/
Quick Connect Adaptor
Glass fiber reinforced polyamide
Series: LP01, YB, YB2



AT718
Single Pole
Straight PC Adaptor
Glass fiber reinforced polyamide
Series: LP01, YB, YB2



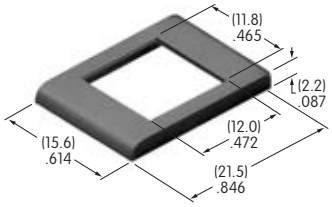
AT719
Double Pole
Straight PC Adaptor
Glass fiber reinforced polyamide
Series: LP01, YB, YB2



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

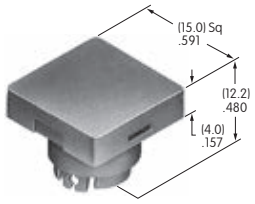
AT2100s

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

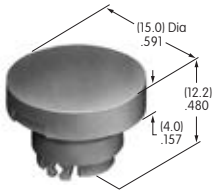


AT3000s

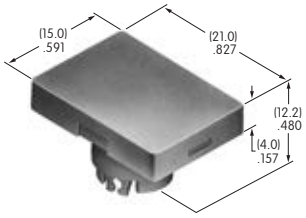
AT3001
Square Solid Cap
Polycarbonate
Colors: BB CB EB FB GB
Series: YB



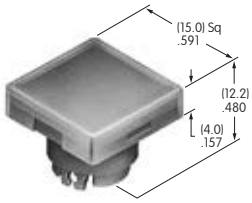
AT3002
Round Solid Cap
Polycarbonate
Colors: BB CB EB FB GB
Series: YB



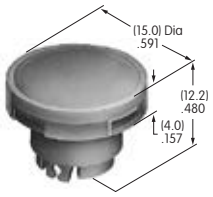
AT3003
Rectangular Solid Cap
Polycarbonate
Colors: BB CB EB FB GB
Series: YB



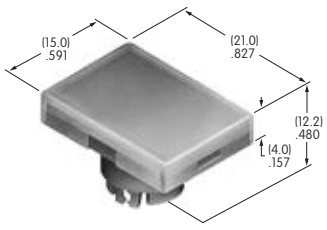
AT3004
Square Cap for Bright LED & Bicolor
Polycarbonate
Colors: JB JC JD JF
Series: YB



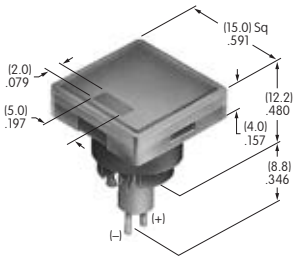
AT3005
Round Cap for Bright LED & Bicolor
Polycarbonate
Colors: JB JC JD JF
Series: YB



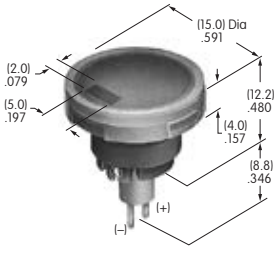
AT3006
Rectangular Cap for Bright LED & Bicolor
Polycarbonate
Colors: JB JC JD JF
Series: YB



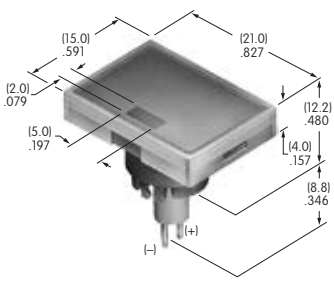
AT3010
Square Spot Illuminated Cap with Built-in LED
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Polycarbonate
Cap Colors: JA JB JC JE JF
LED Colors: C D F CF
Series: YB



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



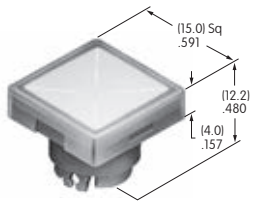
AT3012
Rectangular Spot Illuminated Cap with Built-in LED
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Polycarbonate
Cap Colors: JA JB JC JE JF
LED Colors: C D F CF
Series: YB



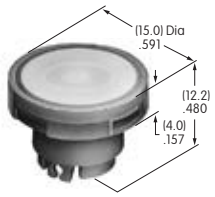
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

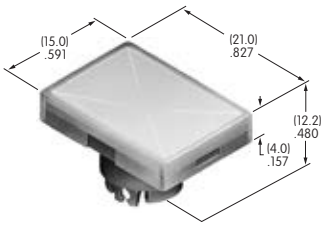
AT3014
Square Cap for Super Bright LED
Polycarbonate
Color: JB
Series: YB



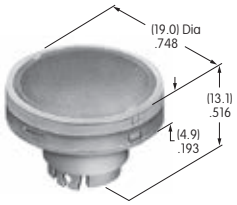
AT3015
Round Cap for Super Bright LED
Polycarbonate
Color: JB
Series: YB



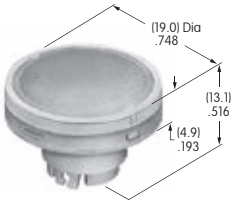
AT3016
Rectangular Cap for Super Bright LED
Polycarbonate
Color: JB
Series: YB



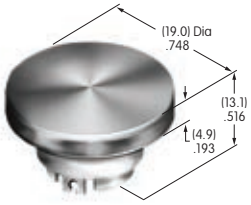
AT3017
Round Cap for Bright LED or Nonilluminated
Polycarbonate
HB Lens: ABS Resin & Unbrushed Chrome Plating
Colors: JB CB EB FB HB
Series: YB2



AT3018
Round Cap for Super Bright LED
Polycarbonate
HB Lens: ABS Resin & Unbrushed Chrome Plating
Colors: JB HB
Series: YB2

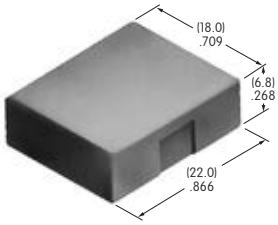


AT3019
Round Solid Cap for Nonilluminated
ABS Resin & Brushed Chrome Plating
Color: P (Brushed Chrome)
Series: YB2



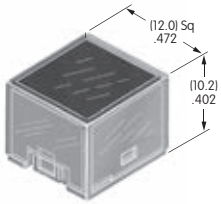
AT3020
Round Cap with Clear Illumination Ring for Bright or Super Bright LED
Lens: Polycarbonate
Insert: Polyester
Color: JS (Metallic Silver with Clear Ring)
Series: YB2

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

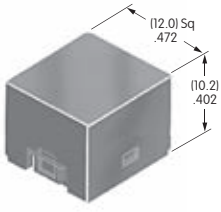


AT3022
Square Cap for Single or Bicolor LED
Polycarbonate Resin
Colors: JB JC JD JF
Series: NP01

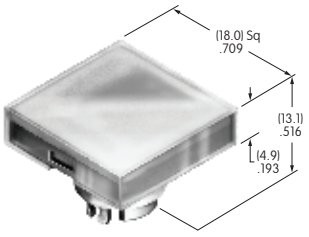
AT3023
Square Cap for Bicolor LED with Alternating Legends
Polycarbonate Resin
Color: J
Series: NP01



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

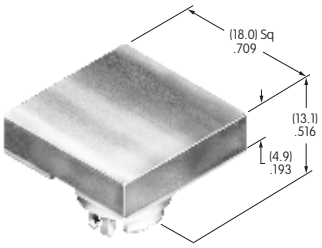


AT3025
Square Cap for Bright & Super Bright LED or Nonilluminated
Polycarbonate
Colors: JB CB EB FB HB
Series: YB2

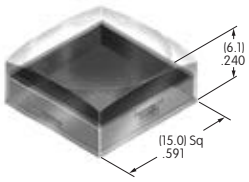


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

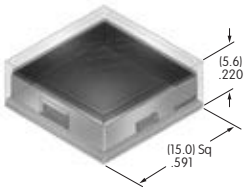
AT3027
Square Solid Cap for Nonilluminated
ABS Resin &
Brushed Chrome Plating
Color: P (Brushed Chrome)
Series: YB2



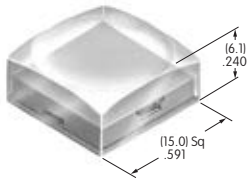
AT3069
Sculptured Cap with Alternating Legend for Illuminated
Polycarbonate
Color: J
Series: UB2



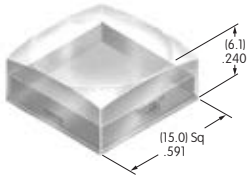
AT3070
Flat Cap with Alternating Legend for Illuminated
Polycarbonate
Color: J
Series: UB2



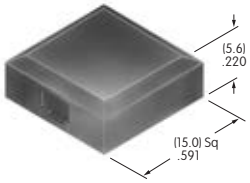
AT3073
Sculptured Cap for Nonilluminated
Polycarbonate
Colors: JA JB JC JD JF
Series: UB2



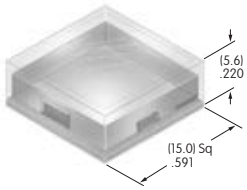
AT3074
Sculptured Cap for Illuminated
Polycarbonate
Colors: JB JC JD JF
Series: UB2



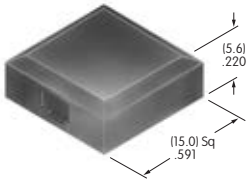
AT3075
Beveled Cap for Illuminated
Polycarbonate
Colors: B C D F
Series: UB2



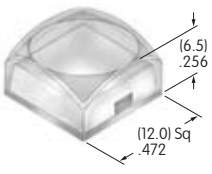
AT3076
Flat Cap for Illuminated with Lens/Diffuser
Polycarbonate
Colors: JB JC JD JF
Series: UB2



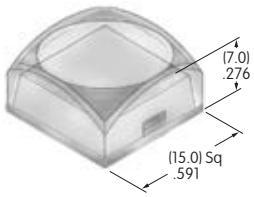
AT3077
Beveled Cap for Nonilluminated
Polycarbonate
Colors: A B C D F
Series: UB2



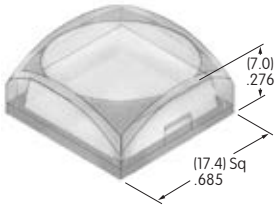
AT3078
12mm Sculptured Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP



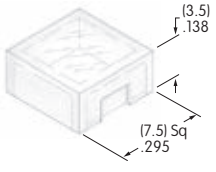
AT3079
15mm Sculptured Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP



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



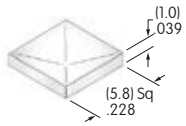
AT3081
Transparent Lens
Polycarbonate
Color: J
Series: HB2



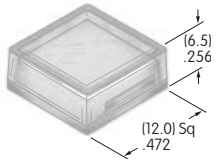
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

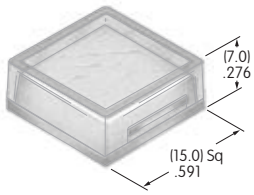
AT3082
Translucent Diffuser
Polycarbonate
Color: B
Series: HB2



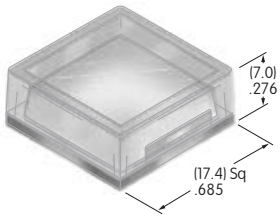
AT3083
12mm Flat Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP



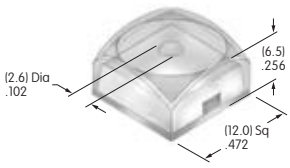
AT3084
15mm Flat Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP



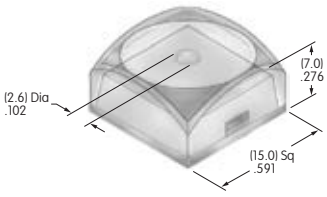
AT3085
17.4mm Flat Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP



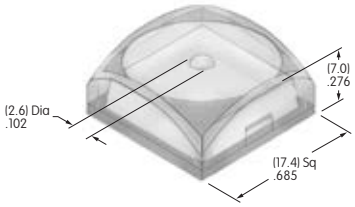
AT3086
12mm Home Key Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP



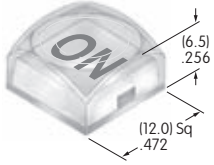
AT3087
15mm Home Key Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP



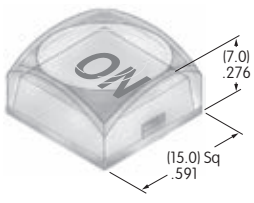
AT3088
17.4mm Home Key Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP



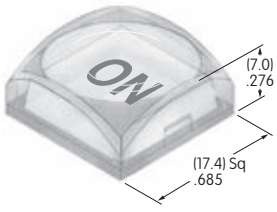
AT3090
12.0mm Square Sculptured Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP



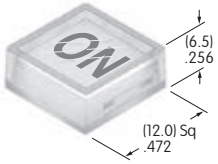
AT3091
15.0mm Square Sculptured Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP



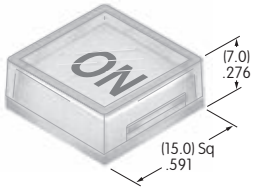
AT3092
17.4mm Square Sculptured Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP



AT3093
12.0mm Square Flat Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP

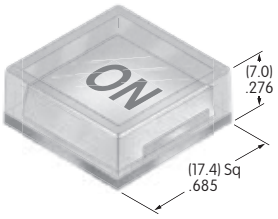


AT3094
15.0mm Square Flat Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP

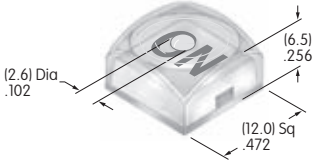


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

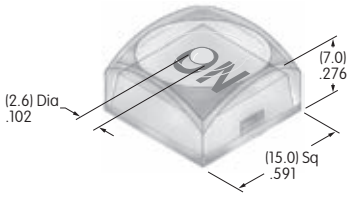
AT3095
17.4mm Square Flat Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP



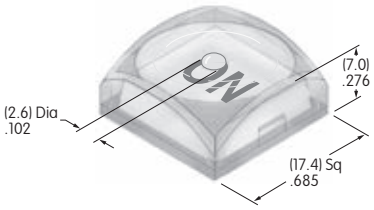
AT3096
12.0mm Square Home Key Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP



AT3097
15.0mm Square Home Key Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP

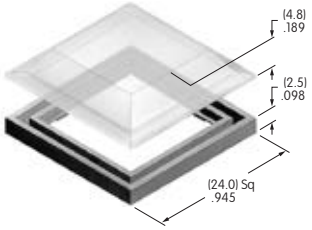


AT3098
17.4mm Square Home Key Cap with Alternating Legends
Polycarbonate
Color: J
Series: KP

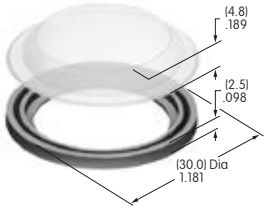


AT4000s

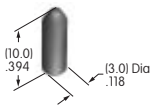
AT4001
Square Dust Cover
Lid: Polyvinyl chloride
Gasket: Polyethylene
Series: LB UB



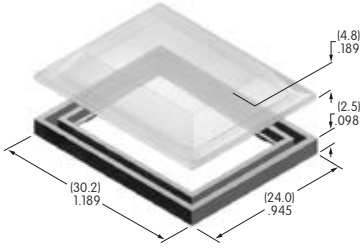
AT4002
Round Dust Cover
Lid: Polyvinyl chloride
Gasket: Polyethylene
Series: LB



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



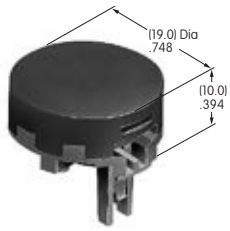
AT4011
Rectangular Dust Cover
Lid: Polyvinyl chloride
Gasket: Polyethylene
Series: LB UB



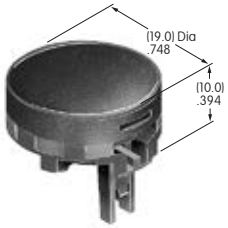
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

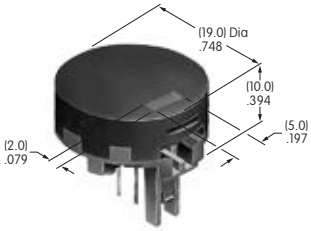
AT4012
Round Solid Colored Cap
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB



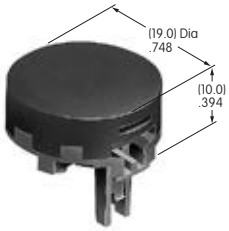
AT4013
Round Colored Insert Cap
Polycarbonate
Colors: JB JC JE JF JG
Series: LB



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

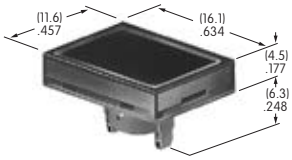


AT4017
Round Nonilluminated Cap
Polycarbonate
Colors: A B C E F G H
Series: LB

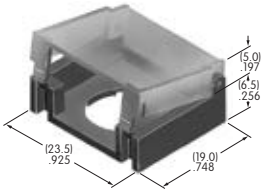


AT4021
Rectangular Solid Colored Cap
Polycarbonate
Colors: A BB CB CC EB
FB FF GB GG
Series: KB

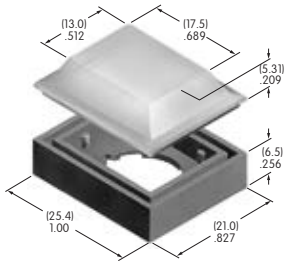
AT4022
Rectangular Colored Insert Cap
Polycarbonate
Cap Colors: JB JC JE JF JG
Series: KB



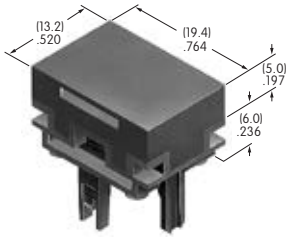
AT4024
Protective Guard
Cover: Polycarbonate
Base: Polyamide
Series: KB



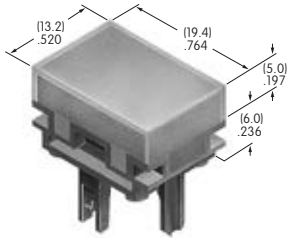
AT4025
Rectangular Dust Cover
Lid: Polyvinyl chloride
Base: Polyamide
Series: KB



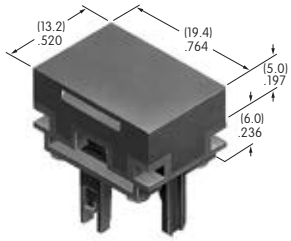
AT4026
Rectangular Solid Colored Cap
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB



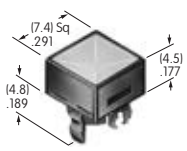
AT4027
Rectangular Colored Insert Cap
Polycarbonate
Colors: JB JC JE JF JG
Series: LB



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

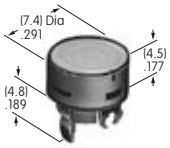


AT4031
Square Cap for Bright & Super Bright LED
Polycarbonate
Colors: JB
Series: HB

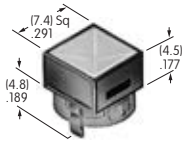


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

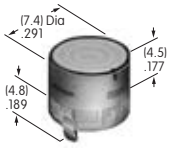
AT4032
Round Cap for Bright & Super Bright LED
Polycarbonate
Colors: JB
Series: HB



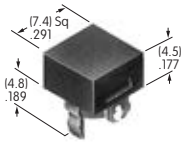
AT4033
Square Indicator Cap
Polycarbonate
Colors: JB
Series: HB



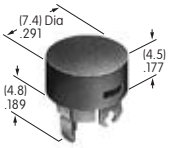
AT4034
Round Indicator Cap
Polycarbonate
Colors: JB
Series: HB



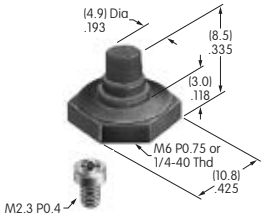
AT4035
Square Nonilluminated Cap
Polycarbonate
Colors: A B C E F G
Series: HB



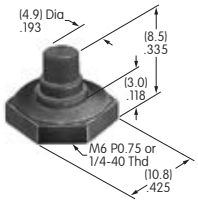
AT4036
Round Nonilluminated Cap
Polycarbonate
Colors: B C E F G
Series: HB



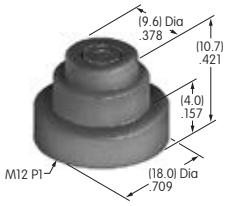
AT4041 (M-metric H-inch)
Splashproof Boot for Momentary
Black silicone rubber
Series: MB



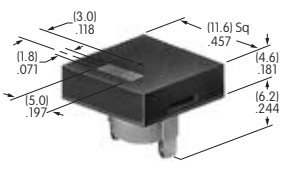
AT4042 (M-metric H-inch)
Splashproof Boot for Alternate
Black silicone rubber
Series: MB



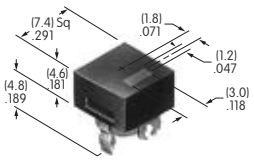
AT4043
Splashproof Boot
Black silicone rubber
Series: MB SB WB



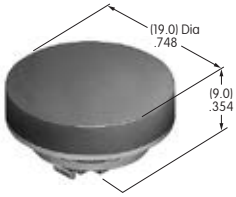
AT4051
Spot Illuminated Cap
Polycarbonate
Colors: AB
Series: KB



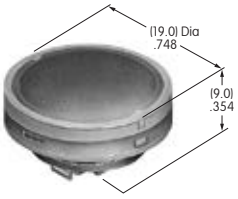
AT4052
Spot Illuminated Cap
Polycarbonate
Colors: AB
Series: HB



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



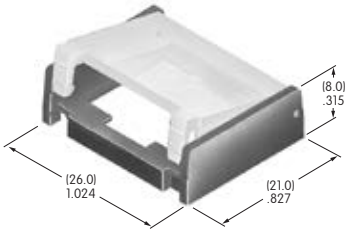
AT4055
Round Colored Insert Cap
Polycarbonate
Colors: JB JC JE JF JG
Series: LB Panel Seal



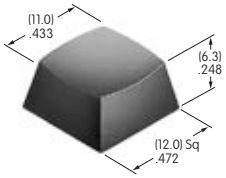
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

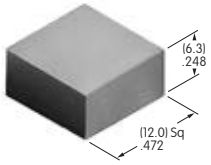
AT4057
Protective Guard
Polycarbonate
Series: LB



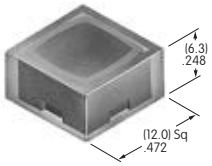
AT4058
Sculptured Cap
Polyamide
Colors: A B C E F G H
Series: JB



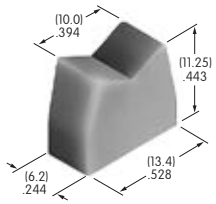
AT4059
Flat Cap
Polycarbonate
Colors: A B C E F G H
Series: JB



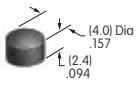
AT4060
Clear Cap with Colored Diffuser
Polycarbonate
Colors: JB JC JE JF
Series: JB



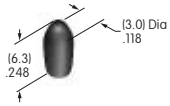
AT4062
Rocker
Polyamide
Colors: A B C
Series: G



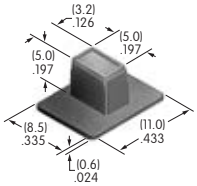
AT4063
.157" Diameter Slip-on Cap
Polyamide
Colors: A B C
Series: GB G3B



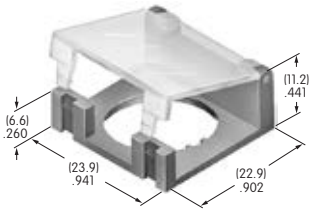
AT4064
.248" Bat Lever Cap
Polyvinyl chloride
Colors: A B C
Series: A B



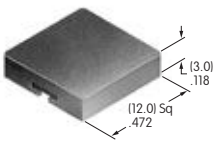
AT4065
Slide Cap
Polycarbonate
Cap Color: A
Window: C E F
Series: SS



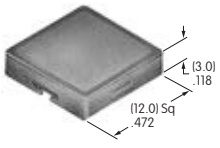
AT4072
Protective Guard
Lid: Polycarbonate
Base: Glass fiber reinforced polycarbonate
Series: YB



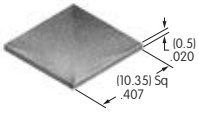
AT4073
Square Opaque Cap for Nonilluminated
Polycarbonate
Colors: A B C E F G
Series: UB



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

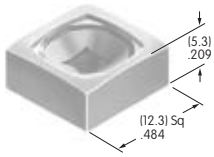


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

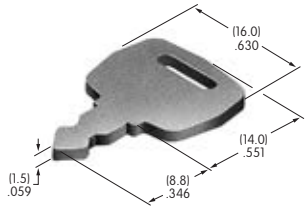
AT4076
Button with Frame for Illuminated
Polycarbonate
Colors: BB BC BE BF BH
Series: JB

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

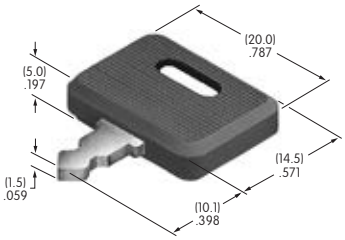
AT4078
Frame for AT4077
Polycarbonate
Colors: B C E F G H
Series: JB



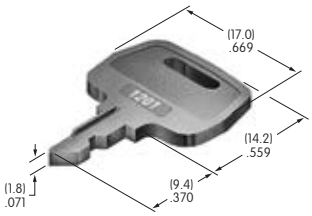
AT4079
Actuator Key
Brass alloy with
bright nickel plating
Series: SK



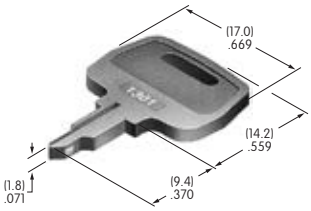
AT4080
Actuator Key
Brass alloy with
bright nickel plating
Antistatic ABS resin handle
Color: A
Series: SK



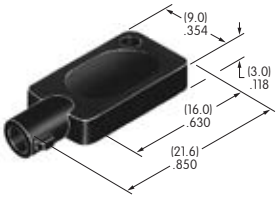
AT4081
Actuator Key
Zinc alloy with chrome plating
Series: SK



AT4082
Actuator Key
Zinc alloy with chrome plating
Series: SK

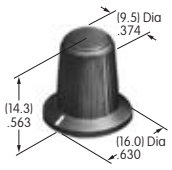


AT4094
Actuator Key
Polyacetal
Color: A
Series: SK

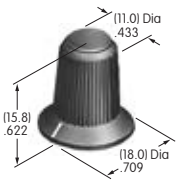


AT4100s

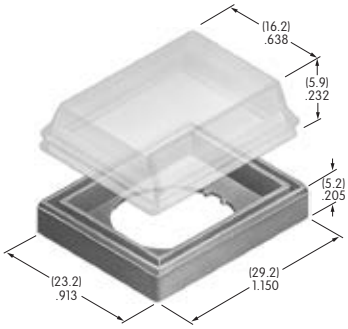
AT4103
Small Color Tipped Knob
Polyester with polyamide tip
Base Color: A
Tip Colors: A B C E F G H
Series: FR01 MR



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



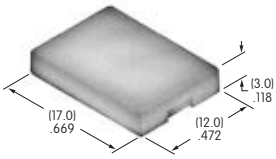
AT4115
Dust Cover
Lid: Polyvinyl chloride
Base: Polyamide
Series: YB



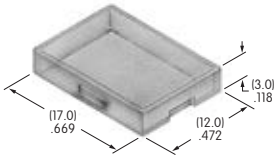
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

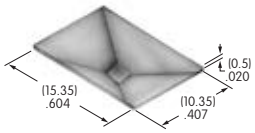
AT4116
Rectangular Opaque Cap for Nonilluminated
Polycarbonate
Colors: A B C E F G
Series: UB



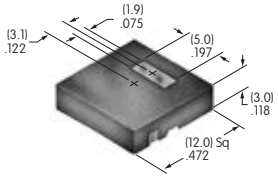
AT4117
Rectangular Transparent Cap for Illuminated
Polycarbonate
Colors: C D F J
Series: UB



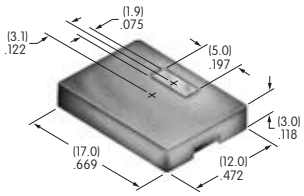
AT4118
Diffuser for AT4117 Rectangular Transparent Cap
Polycarbonate
Colors: B C D F
Series: UB



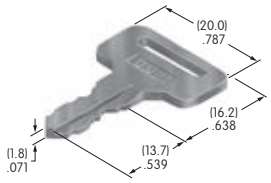
AT4119
Square Spot Illuminated Cap
Polycarbonate
Colors: AB
Series: UB



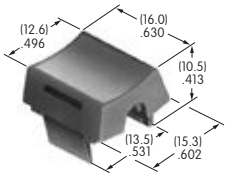
AT4120
Rectangular Spot Illuminated Cap
Polycarbonate
Colors: AB
Series: UB



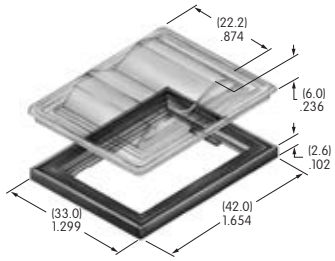
AT4124
Actuator Key
Brass with nickel plating
Series: SK



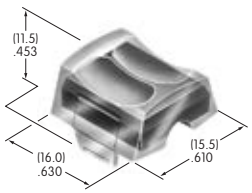
AT4125
LED Rocker
Polycarbonate
Colors: B C E F
Series: MLW



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

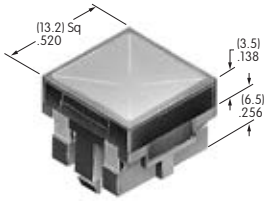


AT4127
Sculptured Rocker
Polycarbonate
Colors: B C E F
Series: MLW

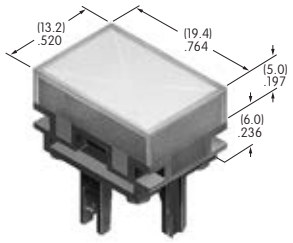


AT4128
Round Cap for Super Bright LED
Polycarbonate
Colors: JB
Series: LB

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

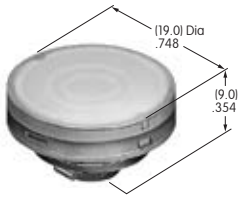


AT4130
Rectangular Cap for Super Bright LED
Polycarbonate
Colors: JB
Series: LB



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

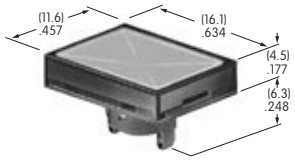
AT4131
Round Cap for Super Bright LED
Polycarbonate
Colors: JB
Series: LB Panel Seal



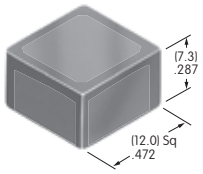
AT4132
Round Cap for Bright & Super Bright LED
Polycarbonate
Colors: JB
Series: KB

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

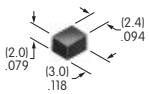
AT4134
Rectangular Cap for Bright & Super Bright LED
Polycarbonate
Colors: JB
Series: KB



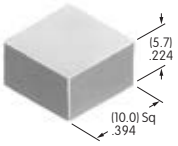
AT4135
Frosted Cap with White Base
Polycarbonate
Colors: B C E F
Series: JB



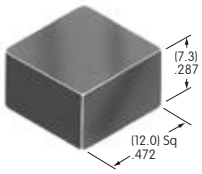
AT4137
Rectangular Cap
PBT
Colors: A B C
Series: GB2



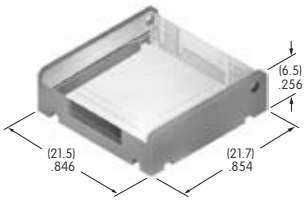
AT4139
Square Flat Cap
Polycarbonate
Colors: A B C H
Series: JB



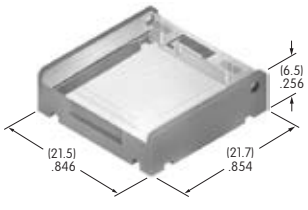
AT4140
Cap for Mounter AT547
Polycarbonate
Colors: A B C H
Series: JB



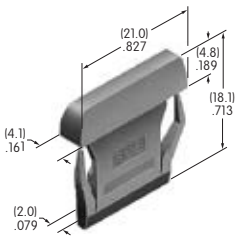
AT4141
Protective Guard
Cover: Polycarbonate
Base: GFR polyamide
Series: UB2



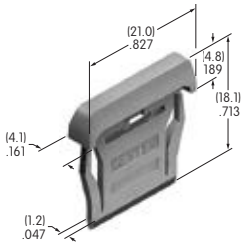
AT4142
Spring Loaded Protective Guard
Cover: Polycarbonate
Base: GFR polyamide
Coil spring: Stainless steel
Series: UB2



AT4143
End Barrier
Polyamide
Color: A
Series: UB2



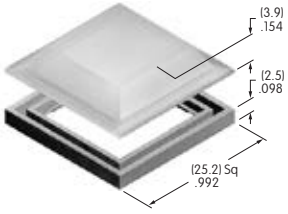
AT4144
Center Barrier
Polyamide
Color: A
Series: UB2



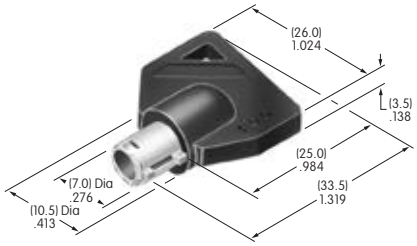
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

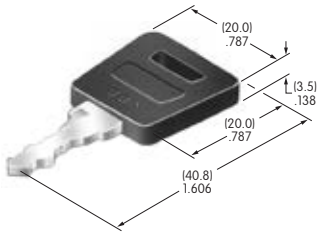
AT4145
Square Dust Cover
Lid: PVC
Gasket: Polyethylene
Series: UB2



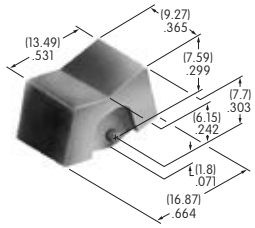
AT4146
Tubular Key
Brass with nickel plating
ABS handle
Color: A
Series: CKM



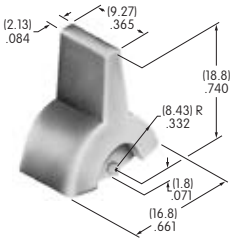
AT4147
Flat Key
Brass with nickel plating
ABS handle
Color: A
Series: CKM



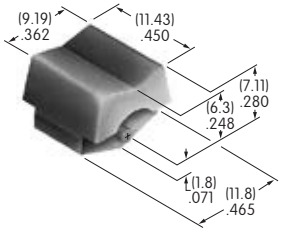
AT4148
.365" Wide Rocker
Polyamide
Colors: A B C E F G H
Series: M M2T P



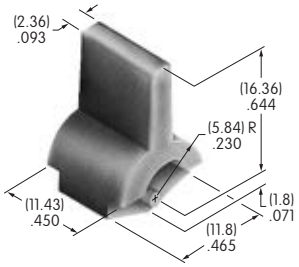
AT4149
.365" Wide Paddle
Polyamide
Colors: A B C E F G H
Series: M M2T P



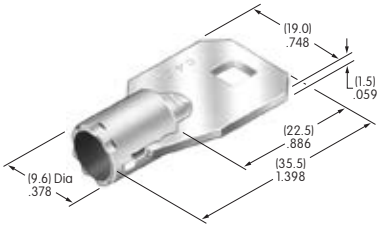
AT4150
.450" Wide Rocker
Polyamide
Colors: A B C E F G H
Series: M M2T



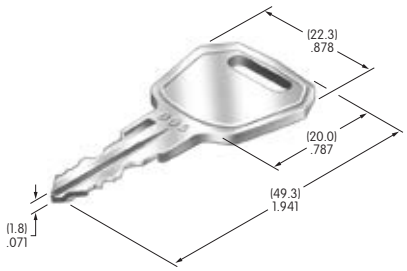
AT4151
.450" Wide Paddle
Polyamide
Colors: A B C E F G H
Series: M M2T



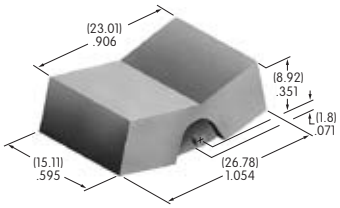
AT4152
Tubular Key
Brass with nickel plating
Series: CKL



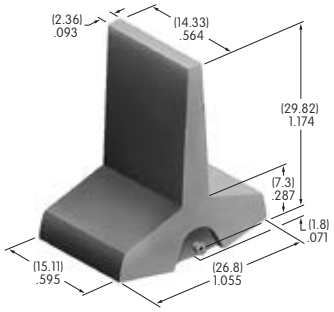
AT4153
Flat Key
Brass with chrome plating
Series: CKL



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

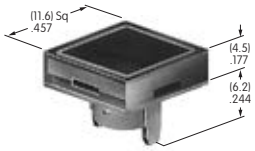


AT4157
.595" Wide Paddle
Polyamide
Colors: A B C E F G H
Series: M P

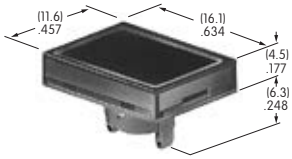


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

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

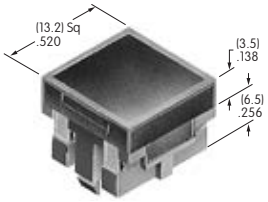


AT4159
Rectangular Cap
for Bright LED
Polycarbonate
Colors: JC JD JF
Series: KB

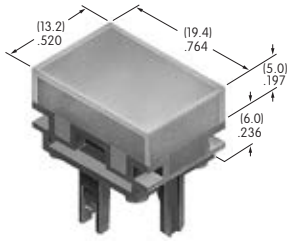


AT4160
Round Cap
for Bright LED
Polycarbonate
Colors: JC JD JF
Series: KB

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

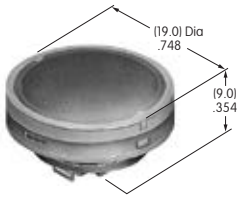


AT4163
Rectangular Cap
for Bright LED
Polycarbonate
Colors: JB JC JD JF
Series: LB

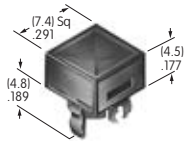


AT4164
Round Cap
for Bright LED
Polycarbonate
Colors: JB JC JD JF
Series: LB

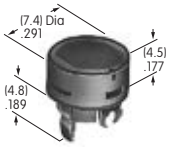
AT4165
Round Cap
for Bright LED
Polycarbonate
Colors: JB JC JD JF
Series: LB Panel Seal



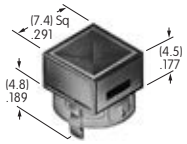
AT4166
Square Cap
for Bright LED
Polycarbonate
Colors: CB DB FB
Series: HB



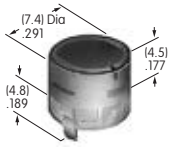
AT4167
Round Cap
for Bright LED
Polycarbonate
Colors: CB DB FB
Series: HB



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



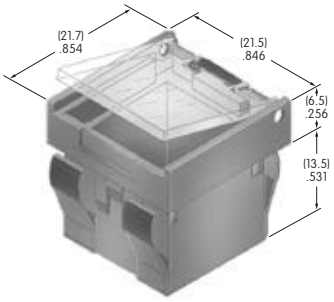
AT4169
Round Indicator Cap
for Bright LED
Polycarbonate
Colors: CB DB FB
Series: HB



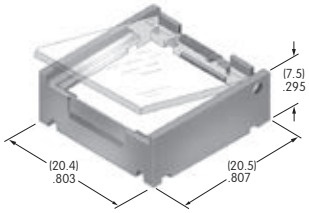
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Accessories & Hardware

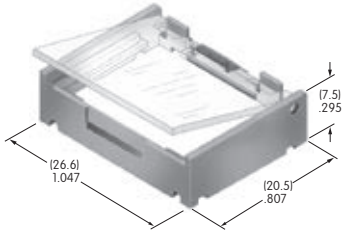
AT4170
Spring Loaded Protective Guard
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: KP UB2



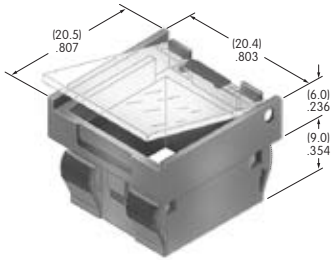
AT4171
Spring Loaded Protective Guard
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: LB UB



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

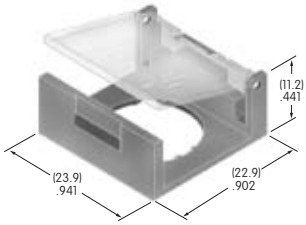


AT4173
Spring Loaded Protective Guard
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: UB

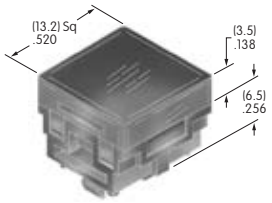


AT4174
Spring Loaded Protective Guard
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: UB

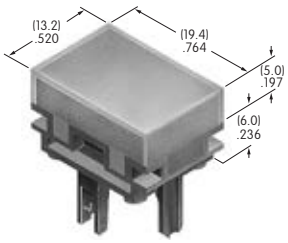
AT4175
Spring Loaded Protective Guard
Cover: Polycarbonate
Base: Glass fiber reinforced polyamide
Coil spring: Stainless steel
Series: YB



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



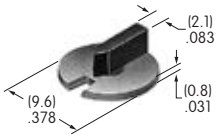
AT4177
Rectangular Cap for Bright LED
Polycarbonate
Colors: JB JC JD JF
Series: LB



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

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

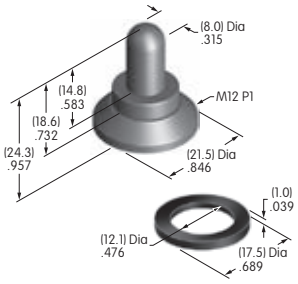
AT4180
Snap-on Knob
Polyamide
Knob: Black
Flange: Transparent brown
Series: FR01



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

AT4181

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



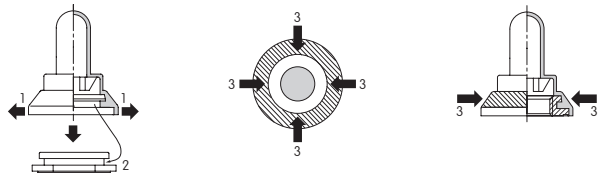
Switch Installation Instructions

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

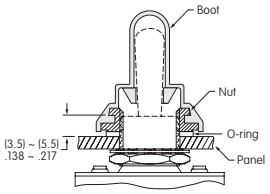
Boot & Nut Assembly Instructions

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

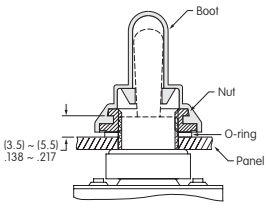
M, P or S Toggles with 12mm Bushings



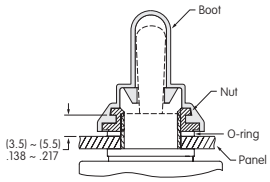
Use boot, nut and o-ring as shown. Use lockwasher and hexagon nut (from standard switch hardware) behind panel.

Splashproof Switches

S1AW ~ S29AW S Toggles



WT Toggle or M Toggle with B3 Bushing



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

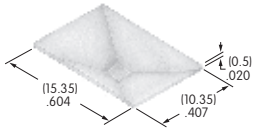
Series or Part Numbers	Panel Thickness (Maximum)
• M Series B2 Toggles with 12mm B1 & B3 Bushings • P Series B Toggles with 12mm Bushing • S31 ~ 39, S41 ~ 49, S31F ~ 33F, S41F ~ S43F, S31T ~ 33T, S41T ~ 43T • S301 ~ 309, S331 ~ 339, S301F, S331F ~ 333F, S335F, S301T ~ 309T, S331T ~ 339T • S421 ~ 429,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

AT4188

Diffuser for AT4074
Square Cap
Polycarbonate
Color: B
Series: UB

AT4189

Diffuser for AT4117
Rectangular Cap
Polycarbonate
Color: B
Series: UB

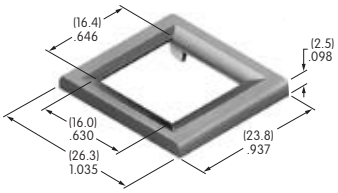


Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

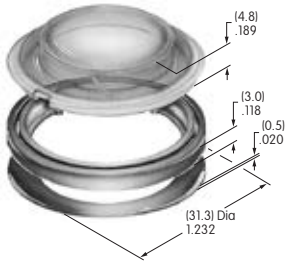
Accessories & Hardware

AT9000s

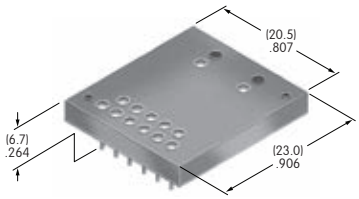
AT9201
Bezel
Polycarbonate
Colors: A B C D E F G H
Series: MLW



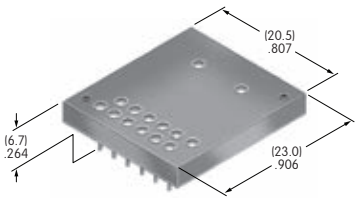
AT9410
Round Splash Cover
Lid: Polyvinyl chloride
Base: Polyethylene
O-ring: Nitrile butadiene rubber
Series: LB Panel Seal



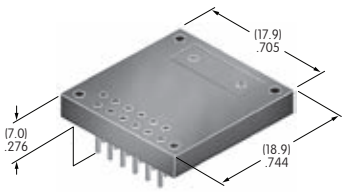
AT9704-02YC
Socket for LCD 36 x 24
Single & Bicolor Pushbutton
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch



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

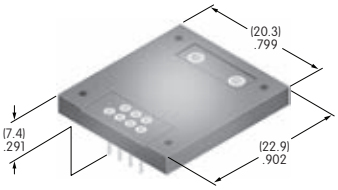


AT9704-065F
Socket for LCD 36 x 24
Compact Pushbutton
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch

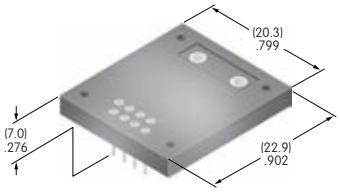


Note: By extracting some of the pins, socket may be used for the **64 x 32 Compact Pushbutton**

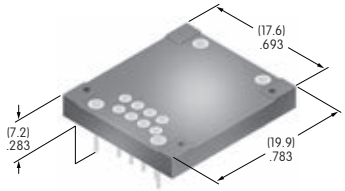
AT9704-085K
Socket for LCD 64 x 32 Pushbutton
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch



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



AT9704-085M
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

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NKK Switches:

AT3078JB AT496F AT496H AT3023JCF11 AT3023JDG11 AT3023JDG13 AT3023JDG14 AT3069JCF11 AT3069JCF12 AT3069JCF13 AT3069JCF14 AT078F AT3069JDG11 AT3069JDG13 AT3069JDG14 AT3070JCF11 AT3070JCF13 AT3070JCF14 AT3070JDG11 AT3070JDG13 AT3070JDG14 AT3078Y-B AT4060Y-J AT4060Z-J AT4129X-J AT4129Y-B AT3023JCF13 AT3023JCF12 AT3023JCF14 AT3078X-J

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