Accessories & Hardware

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators

Accessories

Y

Supplement

Contents

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.
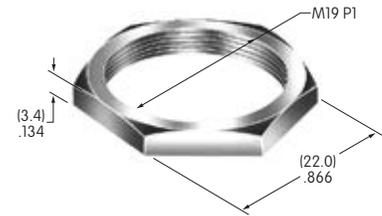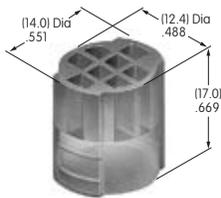
NKK SWITCHES

AT010s~ AT090s

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

M16 P1

(2.5) .098

(19.0) .748

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

M19 P1

(3.4) .134

(22.0) .866

AT055
Crossover Guard
Polypropylene
Series: KB

(14.0) Dia .551

(12.4) Dia .488

(17.0) .669

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

M12 P1

(14.0) .551

(16.0) Dia .630

(4.27) .168

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

M12 P1

(14.0) .551

(16.0) Dia .630

(4.27) .168

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

M12 P1

(5.0) .196

(14.0) Dia .551

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

(11.4) .448

(7.0) .276

(14.73) .580

(6.35) .250
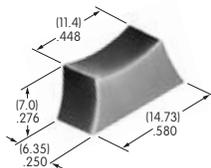
AT063
Gasket
Nitrile butadiene rubber
Color: A
Series: B Threaded Bushing

(6.2) .244

(4.9) .193

(1.3) .051

(6.9) .272

(8.6) .339

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

(17.9) .705

(9.9) .390

(2.3) .090

(15.62) .615

(25.04) .986

(6.68) .263
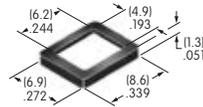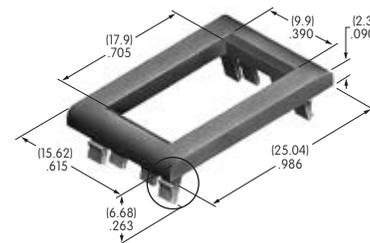
AT064-1 accommodates
panel thickness
1.2 ~ 2.3mm
(.047 ~ .090")

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

Toggles
Rockers
Pushbuttons
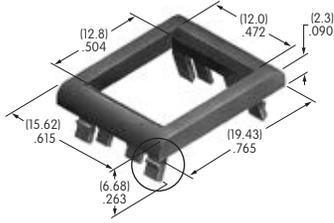Illuminated PB
Programmable
Keylocks
Rotaries
Slides
Tactiles
Tilt
Touch
Indicators
Y Accessories
Supplement

Accessories & Hardware

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

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

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

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

AT065-1 accommodates
panel thickness
1.2 ~ 2.3mm
(.047 ~ .090")
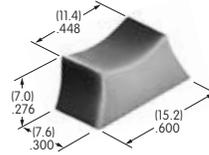
AT065-2 accommodates
panel thickness
1.57 ~ 3.18mm
(.062 ~ .125")
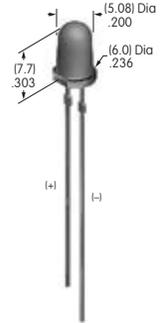
AT073
Mounting Nut
Brass with nickel plating
Series: HB

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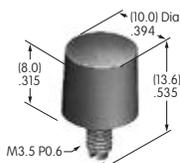Brass with chromate
Series: LB

AT075
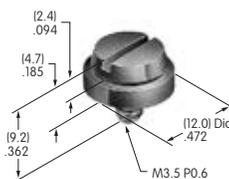**O-ring for LB Panel Seal**
Nitrile butadiene rubber
Series: LB
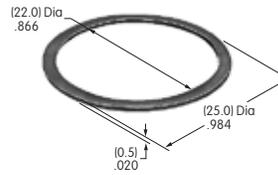
AT078
.315" (8.0mm) Diameter
Screw-on Cap
Polystyrene
Colors: A B C E F G H
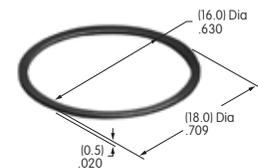Series: MB20 SCB WB
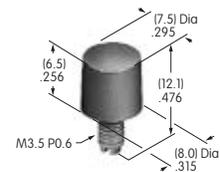
AT079
.394" (10.0mm) Diameter
Screw-on Cap
Polystyrene
Colors: A B C E F G H
Series: MB20 SCB WB

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

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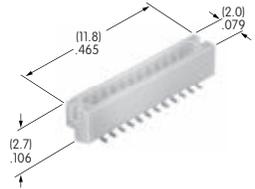Series: YB YB2 (Square)

(7.3) .287
(18.0) Dia .709

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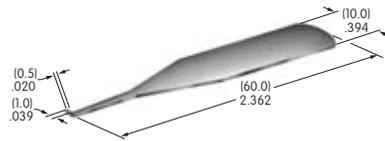PC Pins: Brass with nickel plating
Series: DSA01

(13.0) .512
(34.93) 1.375
(12.7) .500
(11.89) .468
(0.78) Dia Typ .031
(29.97) 1.180
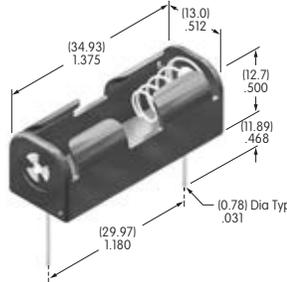
AT097
JST Connector for OLED Rocker
JST Part No. BM12B-SURS
PCB Mount
Series: SmartSwitch

(11.8) .465
(2.0) .079
(2.7) .106

AT100s

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

(10.0) .394
(0.5) .020
(1.0) .039
(60.0) 2.362

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

(16.0) Dia .630
(18.0) Dia .709
(57.5) 2.264
(60.0) 2.362
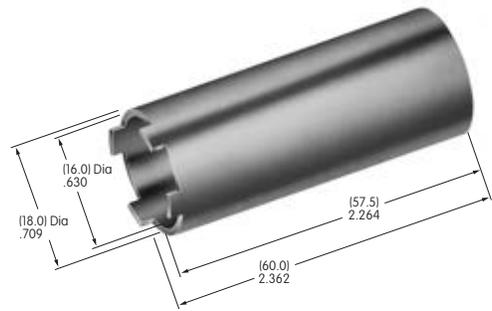
AT107
Lamp Extractor
Polyvinyl chloride
Series: KB LW MLW YB

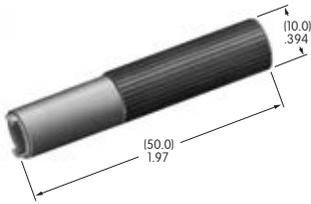(5.0) Dia .197
(3.8) Dia .150
(20.0) .787

AT108
Socket Wrench
Aluminum with black alumite finish
Series: KB

(14.0) Dia .551
(50.0) 1.97
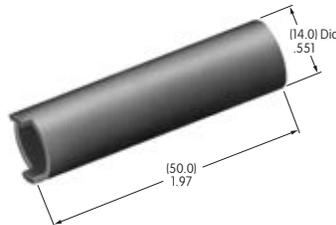
AT109
Cap Extractor
Stainless steel
Series: HB KB LB UB YB
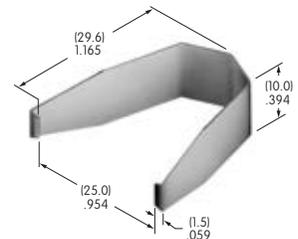
(29.6) 1.165
(10.0) .394
(25.0) .954
(1.5) .059

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

(10.0) .394
(50.0) 1.97

AT111
Lamping Tool
Stainless steel
Series: HB KB YB

(10.0) .394
(50.0) 1.97
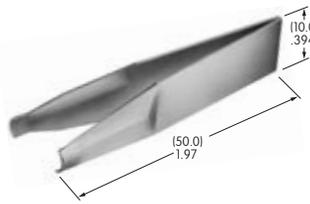
AT112
Socket Wrench
Brass with nickel plating
Series: LB

(25.0) Dia .984
(50.0) 1.97
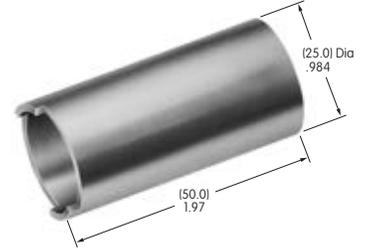
AT200s

AT201
ON-OFF Plate for 12mm Threaded Bushing
Brass with nickel plating
Series: M P S
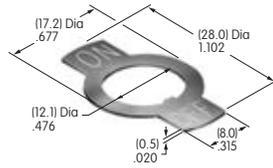
(17.2) Dia .677
(28.0) Dia 1.102
(12.1) Dia .476
(0.5) .020
(8.0) .315

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

(27.0) 1.063
(50.0) 1.969
(12.2) Dia .480
(0.8) .031

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

(16.4) .646
(2.2) .087
(16.0) .630
(20.0) .787
(25.5) 1.004
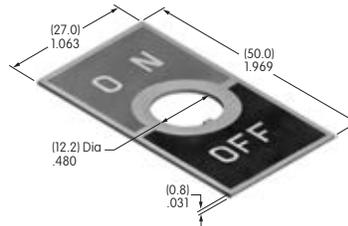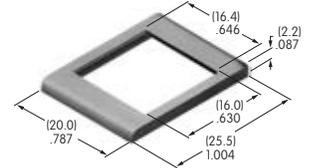
AT206
Bezel
Polycarbonate
Colors: A B C D E F G H
Series: LW

(28.8) 1.134
(19.4) .764
(2.6) .102
(41.0) 1.614
(24.0) .945

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

(11.8) .465
(2.2) .087
(15.6) .614
(12.0) .472
(21.5) .846
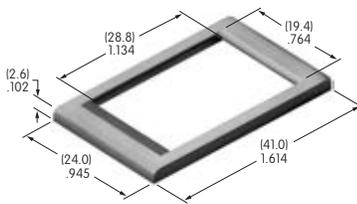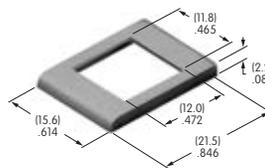
AT208
Bezel for AT070 LED
Polycarbonate
Color: A
Series: EB M MB24 MB25
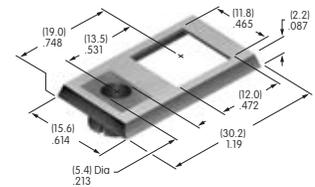
(19.0) .748
(13.5) .531
(11.8) .465
(2.2) .087
(12.0) .472
(15.6) .614
(30.2) 1.19
(5.4) Dia .213

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

NKK SWITCHES

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

(10.0) Dia .394
(18.0) Dia .710
(6.1) Dia .240
(5.0) .197
(0.5) .020

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

(10.0) Dia .394
(18.0) Dia .710
(6.1) Dia .240
(5.0) .197
(0.5) .020

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

(21.0) .827
(6.1) Dia .240
(11.0) .433
(0.5) .020
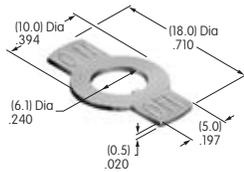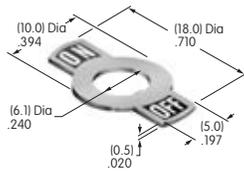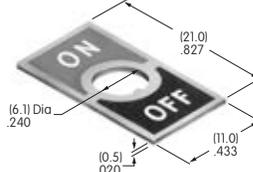
AT212
Bezel for 2 AT617 LEDs
Polycarbonate
Color: A
Series: EB M MB24 MB25

(10.0) .394
(12.0) .472
(2.2) .087
(7.8) .307
(8.0) .315
(11.8) .465
(21.5) Sq .846
(3.0) Dia Typ .118
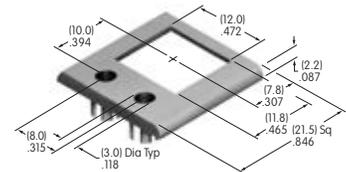
AT213
Bezel for 2 AT618 LEDs
Polycarbonate
Color: A
Series: EB M MB24 MB25

(10.0) .394
(12.0) .472
(2.0) Typ .079
(2.2) .087
(7.8) .307
(8.0) .315
(11.8) .465
(5.0) Typ .197
(21.5) Sq .846
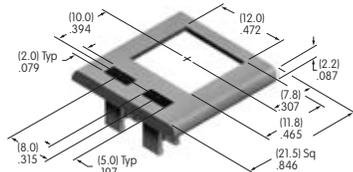
AT214
ON-OFF Plate for 12mm Threaded Bushing
Aluminum
Colors: Red & black ink
Series: M P S
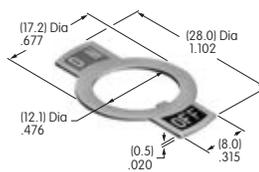
(17.2) Dia .677
(28.0) Dia 1.102
(12.1) Dia .476
(0.5) .020
(8.0) .315

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

(35.0) 1.378
(12.1) Dia .476
(21.0) .827
(0.6) .024
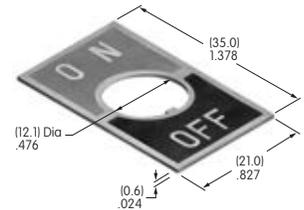
AT217
Barrier
Polyamide
Colors: A B H
Series: JWM

(25.0) .984
(7.2) .283
(22.2) .874
(30.0) 1.181
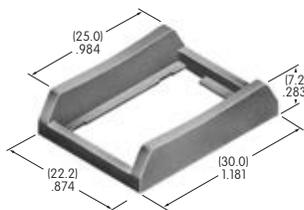
AT218
Barrier
Polyamide
Colors: A B H
Series: JWL

(29.0) 1.142
(8.15) .321
(27.2) 1.071
(35.0) 1.378
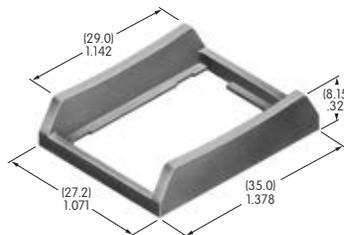
AT219
Barrier
Polyamide
Colors: A
Series: JWS
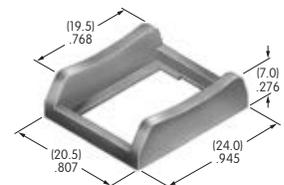
(19.5) .768
(7.0) .276
(20.5) .807
(24.0) .945

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

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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
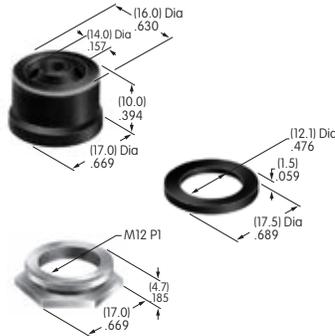
AT401A for Oil Resistance
Boot Material: Black nitrile butadiene rubber

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

(16.0) Dia .630
(14.0) Dia .157
(10.0) .394
(17.0) Dia .669
(12.1) Dia .476
(1.5) .059
(17.5) Dia .689
M12 P1
(4.7) .185
(17.0) .669

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.
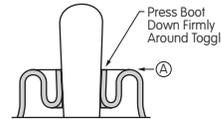
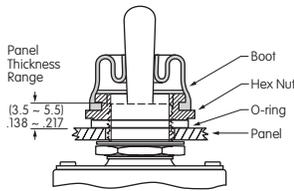Press Boot Down Firmly Around Toggle
Ⓐ

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.

Non-Splashproof Switches

M, P or S Toggles with 12mm Bushings

Panel Thickness Range (3.5 ~ 5.5) .138 ~ .217
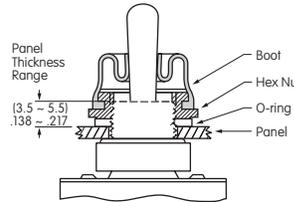Boot
Hex Nut
O-ring
Panel

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

Splashproof Switches

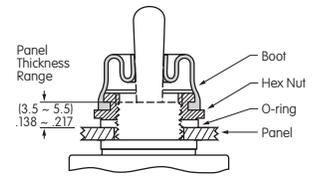#### S1AW ~ S29AW S Toggles

Panel Thickness Range (3.5 ~ 5.5) .138 ~ .217
Boot
Hex Nut
O-ring
Panel

WT Toggles or M Toggle with B3 Bushing

Panel Thickness Range (3.5 ~ 5.5) .138 ~ .217
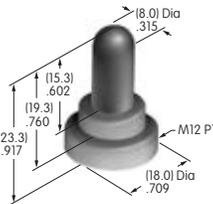Boot
Hex Nut
O-ring
Panel

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

(12.1) Dia .476
(1.5) .059
(17.5) Dia .689

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

(8.0) Dia .315
(15.3) .602
(19.3) .760
(23.3) .917
M12 P1
(18.0) Dia .709

AT402S
Splashproof Boot
Silicon rubber
Color: A
Series: M

(8.0) Dia .315
(10.4) .409
(14.4) .567
(18.4) .724
M12 P1
(18.0) Dia .709
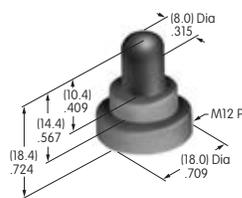
AT405
Solid Color Rocker
Polycarbonate
Colors: A B C D E F G
Series: MLW
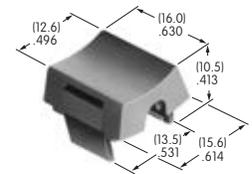
(12.6) .496
(16.0) .630
(10.5) .413
(13.5) .531
(15.6) .614

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

NKK SWITCHES

AT406
Bat Lever Cap
Polyvinyl chloride
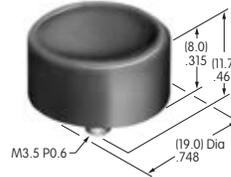Colors: A B C E F G
Series: M P S
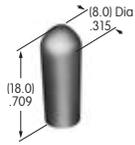
AT407
.394" Diameter
Screw-on Cap
PBT
Colors: A B C E F G H
Series: MB20

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

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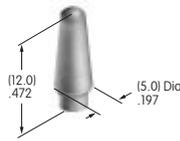**Screw-on Cap**
PBT
Colors: A B C E F G H
Series: MB20

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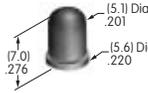Colors: A B C D E F G H
Series: MB20 SB SCB WB

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
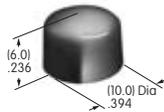**Rocker**
Polycarbonate
Colors: B J
Series: LW
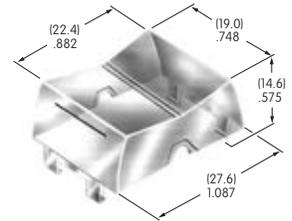
AT421
Filter for AT420
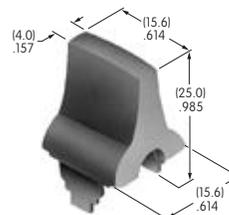Polycarbonate
Colors: B C D E F G
Series: LW
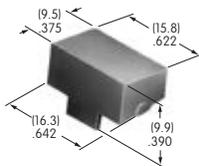
AT422
Slip-on Cap
Polyethylene
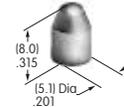Colors: A B C E F G
Series: SB40

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

Toggles
Rockers
Pushbuttons
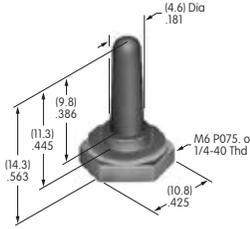Illuminated PB
Programmable
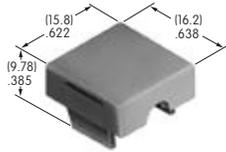Keylocks
Rotaries
Slides
Tactiles
Tilt
Touch
Indicators
Y Accessories
Supplement

Accessories & Hardware

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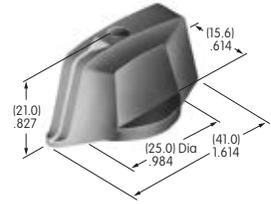Silicone rubber
Color: A
Series: D2 M P

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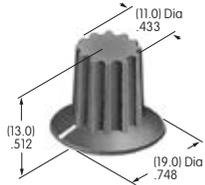**Indicator Cap**
Polycarbonate
Colors: B C D E F G
Series: P01

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

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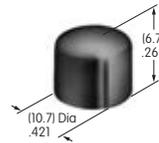Phenolic resin
Color: A
Series: HS PS TS

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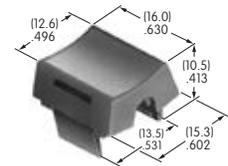**Knob for Miniature Rotaries**
Polyacetal
Color: A
Series: FR01 MR

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

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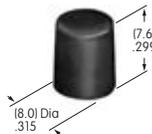Brass with chrome plating
Series: SB265

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
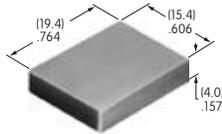**Cone Toggle**
Polycarbonate
Colors: A B C
Series: M

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

NKK SWITCHES

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

(19.4) .764
(15.4) .606
(4.0) .157

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

(24.6) .967
(20.1) .791
(16.1) .634
(20.6) .811
(12.0) .472
M12 P1
(21.0) .827
(26.2) 1.031
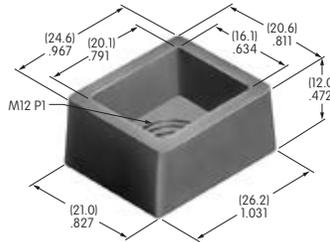
AT454
Round Insert
Polycarbonate
Colors: A B C F G H
Series: MB20 SCB
Used with Screw Adaptor AT080

(4.0) .157
(17.7) Dia .697

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

M12 P1
(22.0) Dia .866
(12.0) .472
(18.4) .724
(24.0) Dia .945
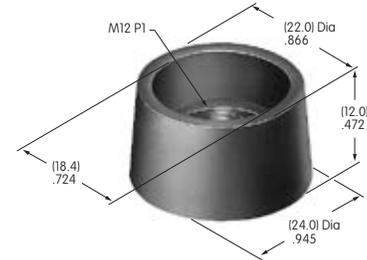
AT460
Cap for Color Capped Cone Toggle
Polyethylene
Colors: A B C E F G
Series: M

(3.1) Dia .122
(16.4) .646
(2.8) Dia .110
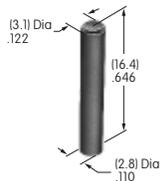
AT465
.453" Square Cap
Polycarbonate
Colors: A B C E F G H
Series: EB MB24 MB25

(11.5) Sq .453
(8.4) .331
(10.7) Sq .421

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

(8.6) .339
(11.3) .445
(7.7) .303
(11.5) .453
(1.8) .071
(11.8) .465
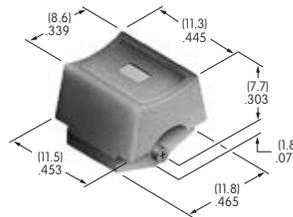
AT467
Short Paddle
Polyamide
Colors: A B C E F G H
Series: A

(4.6) .181
(2.4) .094
(9.4) .370
(3.4) .134
(5.0) .197
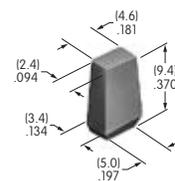
AT468
Long Paddle
Polyamide
Colors: A B C E F G H
Series: A

(4.4) .173
(2.4) .094
(14.2) .559
(5.0) Dia .197
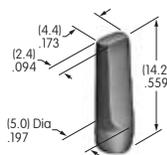
AT469
.260" Wide Rocker
Polyamide
Colors: A B C E F G H
Series: A

(13.4) .528
(10.0) .394
(6.6) .260
(1.8) .071
(19.0) .748
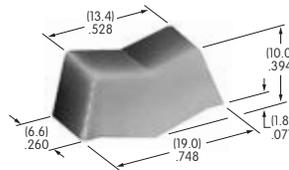
AT475
.201" Diameter Cap
Polyamide
Colors: A B C
Series: AB BB FB M2B MB24

(4.0) .157
(5.1) Dia .201

AT476
Square Solid Colored Cap
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB
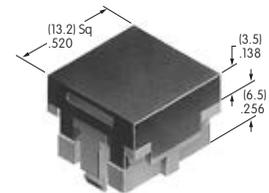
(13.2) Sq .520
(3.5) .138
(6.5) .256

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

Accessories & Hardware

Toggles
Rockers
Pushbuttons
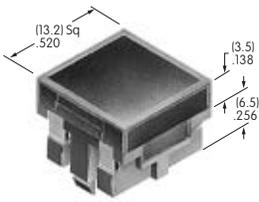Illuminated PB
Programmable
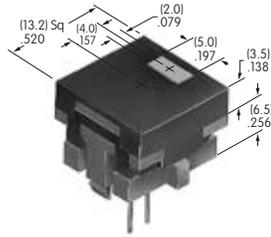Keylocks
Rotaries
Slides
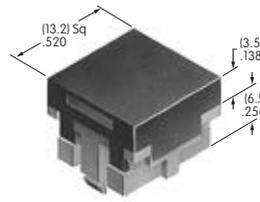Tactiles
Tilt
Touch
Indicators
Accessories
Y
Supplement

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
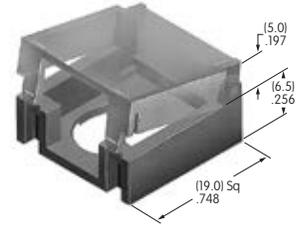Colors: A BB CB CC EB
          FB FF GB GG
Series: KB

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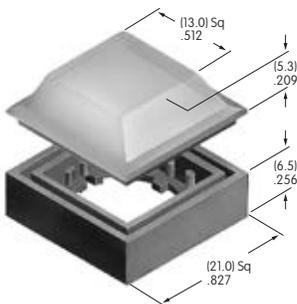Polycarbonate
Colors: JB JC JE JF JG
Series: KB

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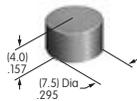Polycarbonate
Colors: JB JC JE JF JG
Series: KB

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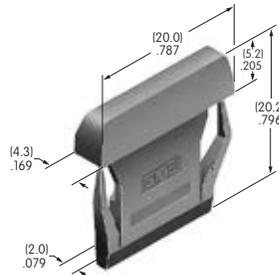**Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Series: KB

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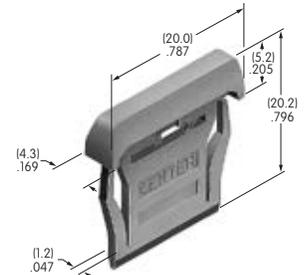**Dust Cover**
Lid: Polyvinyl chloride
Base: Polyamide
Series: KB

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

NKK SWITCHES

Accessories & Hardware

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators

Accessories

Supplement

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

AT500s

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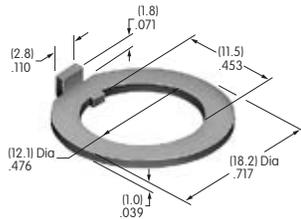Brass with chrome plating
Series: D2 DB EB M MB20
MB24 P

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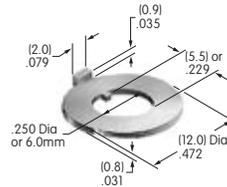Series: M P S SB WB WT

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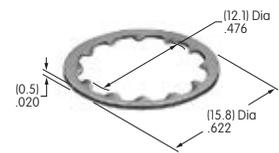Series: M P S SB SCB
WB WT

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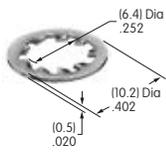Steel with zinc/chromate
Series: M MB20 P S SB

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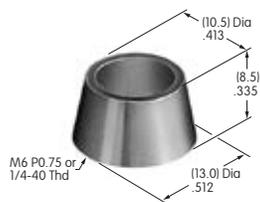Series: D2 DB EB M MB20
MB24 MB25 MR P

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

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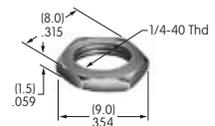Steel with zinc/chromate
Series: D2 DB EB FR01 M
MB25 MR P S SB

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

(8.0) .315 M6 P0.75
(1.5) .059
(9.0) .354
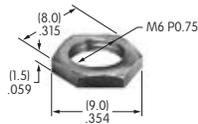
AT515 (M-metric H-inch)
Locking Ring for D Flat Bushing
Steel with zinc/chromate
Series: FR01 M MB24

(2.0) .079
(0.9) .035
(5.5) .217
(6.2) Dia .244
(12.0) Dia .472
(0.8) .031
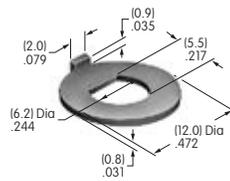
AT516
O-ring
Nitrile butadiene rubber
Series: M MB20

(6.07) Dia .239
(9.63) Dia .379
(1.78) .070

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

(1.8) .071
(2.8) .110
(10.2) Dia .402
(18.2) Dia .717
(1.0) .039
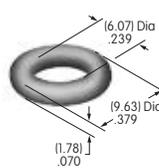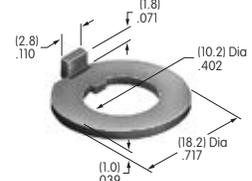
AT520
Split Lockwasher
Steel with zinc/chromate
Series: HS PS TS

(10.4) Dia .409
(1.0) .039
(13.4) Dia .528
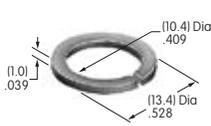
AT526
Hex Mounting Nut
Steel with nickel plating
Series: HS PS TS

(14.0) .551
M10 P0.75
(2.0) .079
(16.0) .630
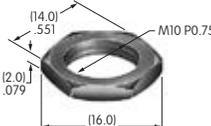
AT527 (M-metric H-inch)
Hex Mounting Nut
Steel with nickel plating
Series: M P S SB SCB
       SK TL

(14.0) .551
M12 P1 or 15/32 32NS
(2.0) .079
(16.0) .630

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

(14.0) .551
M12 P1
(2.0) .079
(16.0) .630

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

(18.0) .709
(12.2) .480
(11.5) .453
(0.5) .020
(8.2) Dia .323
(10.0) Dia .394
(2.8) .110
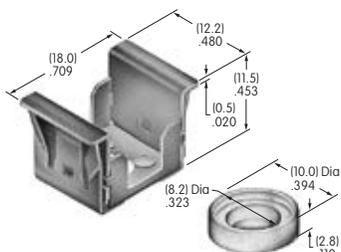
AT530
Panel Mount for Single Pole
Polyamide & polyacetel
Colors: A B C E F G H
Series: A AB

(12.6) .496
(8.8) .346
(1.5) .059
(12.3) .484
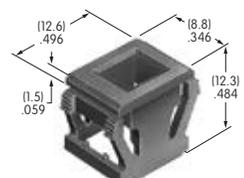
AT531
Panel Mount for Single or Double Pole
Polyamide & polyacetel
Colors: A B C E F G H
Series: A AB

(12.6) Sq .496
(1.5) .059
(12.3) .484
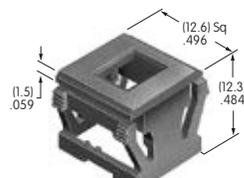
AT532 (M-metric H-inch)
Dress Cap Nut
Brass with nickel plating
Series: EB M MB20 MB24 P

M6 P0.75 or 1/4-40 Thd
(9.5) Dia .374
(8.9) .350
(3.0) .118

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

NKK SWITCHES

Accessories & Hardware

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators

Accessories

Y

Supplement

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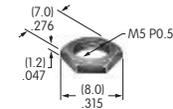Series: EB M MB20 MB24 P

AT533T (M-metric H-inch)
Threaded Through Dress Nut
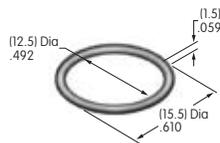Brass with nickel plating
Series: EB M MB20 MB24 P
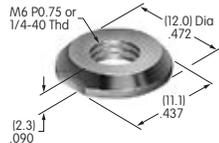
AT535
Rubber Ring for
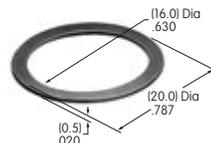**MR Panel Seal**
Nitrile butadiene rubber
Series: MRB MRK

AT536
Hex Nut
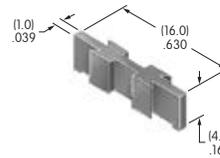Brass with nickel plating
Series: FB

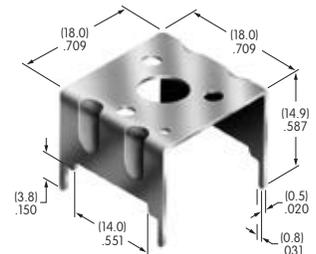**AT537**
O-ring
Nitrile butadiene rubber
Series: S

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

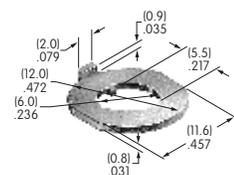**AT542**
Coupler for
LCD 36 x 24 Pushbutton
PBT
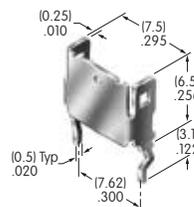Series: SmartSwitch

AT543
Support Bracket
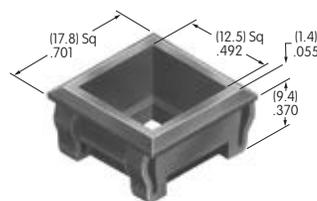Steel with tin plating
Series: MRK

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

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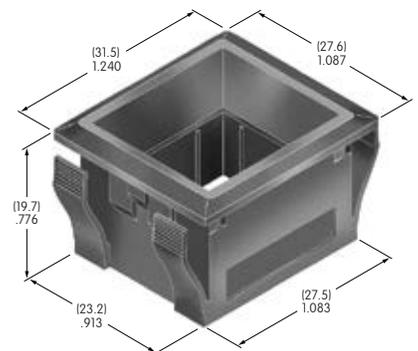**for Block Mounting**
Phosphor bronze with tin plating
Series: GB2

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

(4.8) Dia .189
(21.0) .827
(5.0) .197
(5.4) .213
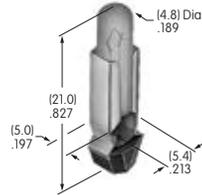
AT602N
Neon Lamp
Volts: 110
Series: LW MLW
T-1½ Pilot Slide Base

(4.8) Dia .189
(21.0) .827
(5.0) .197
(5.4) .213

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

(3.1) Dia .124
(10.16) .400
(5.08) Dia .200
(16.6) .650
(0.5) Dia Typ .020
(3.18) .125

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

(3.1) Dia .124
(10.2) .400
(5.08) Dia .200
(16.6) .650
(0.5) Dia Typ .020
(3.18) .125
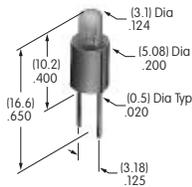
AT611
Incandescent Lamp
Volts: 5 12
Series: KB YB
T-1 Bi-pin

(3.15) Dia .124
(9.0) .354
(3.8) Dia .150
(12.6) .496
(0.5) Dia Typ .020
(2.54) .100
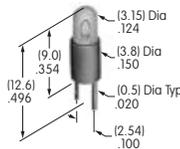
AT615
Neon Lamp
Volts: 110
Series: KB
T-1 Bi-pin

(3.1) Dia .124
(9.0) .354
(3.8) Dia .150
(12.6) .496
(0.5) Dia Typ .020
(2.54) .100
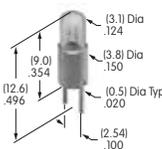
AT617
Single Element LED
Colors: C E F
Used for AT212 Bezel

(3.0) Dia .118
(5.0) .197
(+) (−)
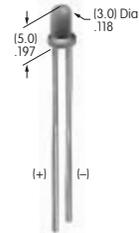
AT618
Single Element LED
Colors: C E F
Used for AT213 Bezel

(2.0) .079
(5.0) .197
(7.0) .276
(+) (−)
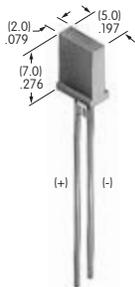
AT621
6-element Bicolor LED
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Colors: CF
Series: YB
T-1½ Bi-pin

(5.0) Dia .197
(5.8) Dia .228
(5.7) .224
(12.3) .484
(−) (+)
(2.54) .100
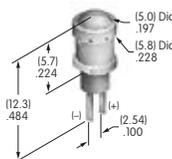
AT622
Single Element LED
Colors: C E F
Series: MLW
T-1¾ Pilot Slide Base

(5.2) Dia .205
(18.5) .728
(5.7) .224

AT624
Single Element LED
Color: G
Series: HB
T-1 Bi-pin
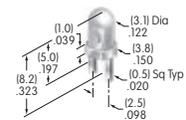
(3.1) Dia .122
(1.0) .039
(3.8) .150
(5.0) .197
(0.5) Sq Typ .020
(8.2) .323
(2.5) .098

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

NKK SWITCHES

Accessories & Hardware

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators
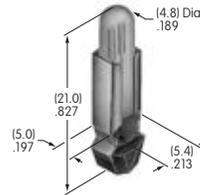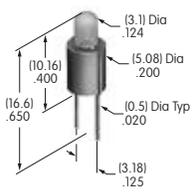
Accessories

Y

Supplement

AT625
Super Bright
Single Element LED
Color: G
Series: KB LB YB YB2
T-1 Bi-pin
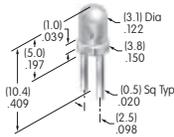
AT627
Bright
4-Element LED
With Resistor; Volts: 5 12 24
Colors: C D F
Series: LB
T-1 Bi-pin

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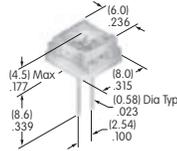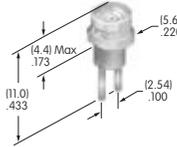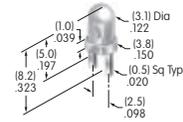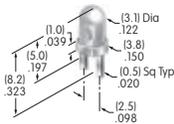**Single Element LED**
Color: F
Series: HB
T-1 Bi-pin

AT631
Super Bright
Single Element LED
Color: B
Series: KB LB YB YB2
T-1 Bi-pin
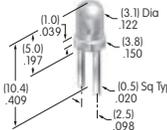
AT632
Super Bright
Single Element LED
Color: F
Series: KB LB YB YB2
T-1 Bi-pin
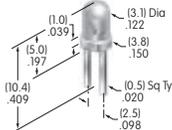
AT633
Single Element LED
Colors: C D F
Series: HB
T-1 Bi-pin
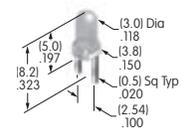
AT634
Bright
2- or 4-Element LED
With Resistor; Volts: 5 12 24
Colors: C D F
Series: KB YB YB2
T-1¼ Bi-pin

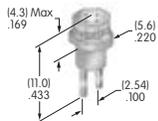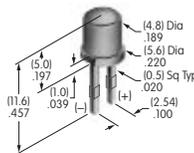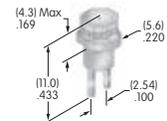**AT635**
Bright
Single Element LED
Colors: C D F
Series: KB LB
T-1½ Bi-pin

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

Toggles
Rockers
Pushbuttons
Illuminated PB
Programmable
Keylocks
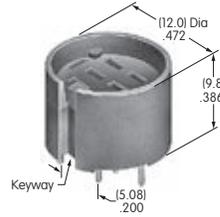Rotaries
Slides
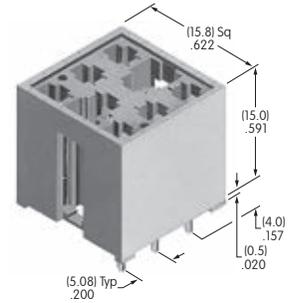Tactiles
Tilt
Touch
Indicators
Accessories
Supplement

AT700s

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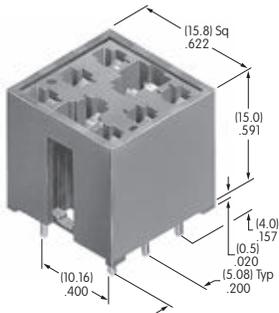**Straight PC Adaptor**
Glass fiber
reinforced polyamide
Series: KB

(12.0) Dia
.472
(9.8)
.386
Keyway

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

(12.0) Dia
.472
(9.8)
.386
Keyway
(5.08)
.200

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

(15.8) Sq
.622
(15.0)
.591
(4.0)
.157
(0.5)
.020
(5.08) Typ
.200

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

(15.8) Sq
.622
(15.0)
.591
(4.0)
.157
(0.5)
.020
(5.08) Typ
.200
(10.16)
.400

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

(17.1)
.673
(17.0)
.669
(5.0)
.197

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

(17.1)
.673
(17.0)
.669
(5.0)
.197

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

(17.1)
.673
(17.0)
.669
(4.0)
.157

AT719
Double Pole
Straight PC Adaptor
Glass fiber reinforced polyamide
Series: LP01, YB, YB2
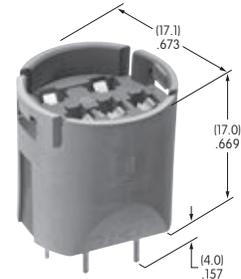
(17.1)
.673
(17.0)
.669
(4.0)
.157

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

NKK SWITCHES

AT2100s

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

(11.8)
.465

(2.2)
.087

(15.6)
.614

(12.0)
.472

(21.5)
.846
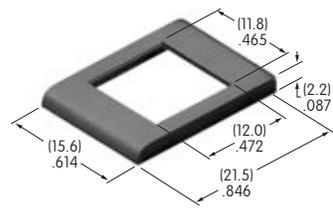
AT3000s

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

(15.0) Sq
.591

(12.2)
.480

(4.0)
.157
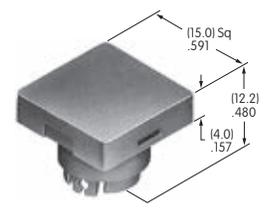
AT3002
Round Solid Cap
Polycarbonate
Colors: BB CB EB FB GB
Series: YB

(15.0) Dia
.591

(12.2)
.480

(4.0)
.157
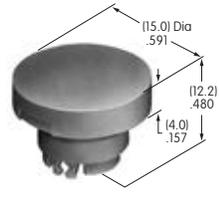
AT3003
Rectangular Solid Cap
Polycarbonate
Colors: BB CB EB FB GB
Series: YB

(15.0)
.591

(21.0)
.827

(12.2)
.480

(4.0)
.157
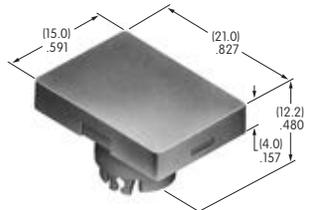
AT3004
Square Cap for Bright LED & Bicolor
Polycarbonate
Colors: JB JC JD JF
Series: YB

(15.0) Sq
.591

(12.2)
.480

(4.0)
.157
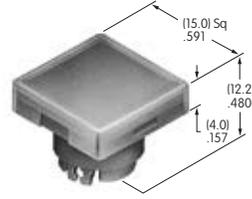
AT3005
Round Cap for Bright LED & Bicolor
Polycarbonate
Colors: JB JC JD JF
Series: YB
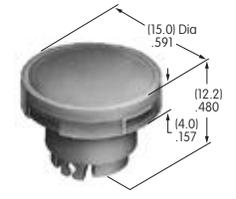
(15.0) Dia
.591

(12.2)
.480

(4.0)
.157

AT3006
Rectangular Cap for Bright LED & Bicolor
Polycarbonate
Colors: JB JC JD JF
Series: YB
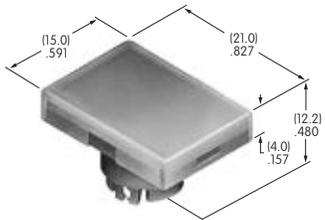
(15.0)
.591

(21.0)
.827

(12.2)
.480

(4.0)
.157

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

(15.0) Sq
.591

(2.0)
.079

(5.0)
.197

(12.2)
.480

(4.0)
.157

(8.8)
.346

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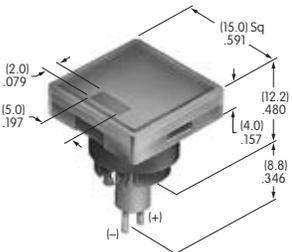
AT3011
Round Spot Illuminated Cap with Built-in LED
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Polycarbonate
Cap Colors: JA JB JC JE JF
LED Colors: C D F CF
Series: YB

(15.0) Dia
.591

(2.0)
.079

(5.0)
.197

(12.2)
.480

(4.0)
.157

(8.8)
.346

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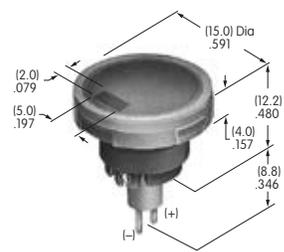
AT3012
Rectangular Spot Illuminated Cap with Built-in LED
Without Resistor; Volts: 2
With Resistor; Volts: 5 12 24
Polycarbonate
Cap Colors: JA JB JC JE JF
LED Colors: C D F CF
Series: YB

(15.0)
.591

(21.0)
.827

(2.0)
.079

(5.0)
.197

(12.2)
.480

(4.0)
.157

(8.8)
.346

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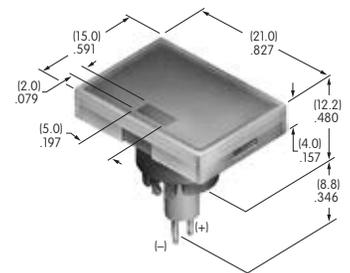
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

Toggles
Rockers
Pushbuttons
Illuminated PB
Programmable
Keylocks
Rotaries
Slides
Tactiles
Tilt
Touch
Indicators
Accessories
Y
Supplement

Accessories & Hardware

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

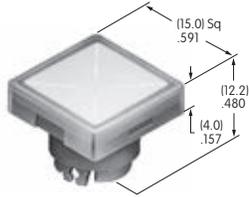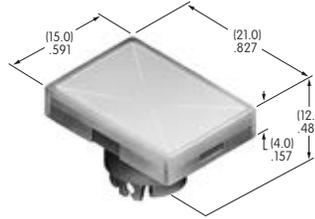(15.0) Sq
.591
(12.2)
.480
(4.0)
.157

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

(15.0) Dia
.591
(12.2)
.480
(4.0)
.157

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

(15.0)
.591
(21.0)
.827
(12.2)
.480
(4.0)
.157

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

(19.0) Dia
.748
(13.1)
.516
(4.9)
.193

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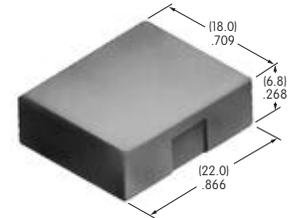Unbrushed Chrome Plating
Colors: JB HB
Series: YB2

(19.0) Dia
.748
(13.1)
.516
(4.9)
.193

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

(19.0) Dia
.748
(13.1)
.516
(4.9)
.193

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

(19.0) Dia
.748
(13.1)
.516
(4.9)
.193

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

(18.0)
.709
(6.8)
.268
(22.0)
.866

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

(12.0) Sq
.472
(10.2)
.402

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

(12.0) Sq
.472
(10.2)
.402
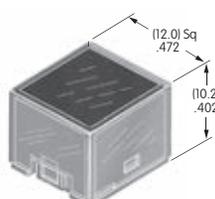
AT3024
Square Solid Cap
Polycarbonate Resin
Colors: A B C H
Series: NP01

(12.0) Sq
.472
(10.2)
.402

AT3025
Square Cap for Bright & Super
Bright LED or Nonilluminated
Polycarbonate
Colors: JB CB EB FB HB
Series: YB2
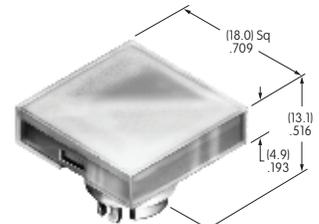
(18.0) Sq
.709
(13.1)
.516
(4.9)
.193

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

nKK
SWITCHES

Toggles
Rockers
Pushbuttons
Illuminated PB
Programmable
Keylocks
Rotaries
Slides
Tactiles
Tilt
Touch
Indicators
Accessories
Supplement

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

(18.0) Sq .709
(13.1) .516
(4.9) .193
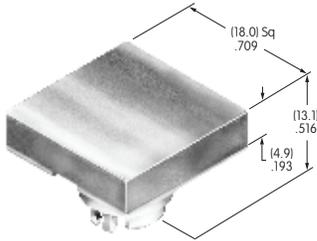
AT3069
Sculptured Cap with Alternating Legend for Illuminated
Polycarbonate
Color: J
Series: UB2

(6.1) .240
(15.0) Sq .591
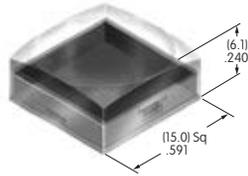
AT3070
Flat Cap with Alternating Legend for Illuminated
Polycarbonate
Color: J
Series: UB2

(5.6) .220
(15.0) Sq .591
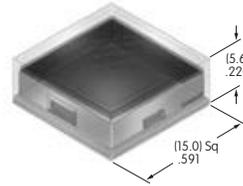
AT3073
Sculptured Cap for Nonilluminated
Polycarbonate
Colors: JA JB JC JD JF
Series: UB2

(6.1) .240
(15.0) Sq .591
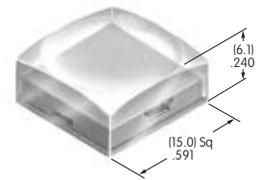
AT3074
Sculptured Cap for Illuminated
Polycarbonate
Colors: JB JC JD JF
Series: UB2

(6.1) .240
(15.0) Sq .591
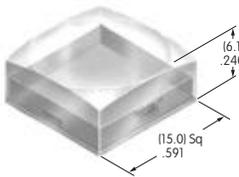
AT3075
Beveled Cap for Illuminated
Polycarbonate
Colors: B C D F
Series: UB2

(5.6) .220
(15.0) Sq .591
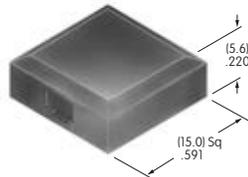
AT3076
Flat Cap for Illuminated with Lens/Diffuser
Polycarbonate
Colors: JB JC JD JF
Series: UB2

(5.6) .220
(15.0) Sq .591
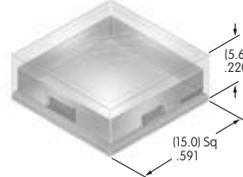
AT3077
Beveled Cap for Nonilluminated
Polycarbonate
Colors: A B C D F
Series: UB2

(5.6) .220
(15.0) Sq .591
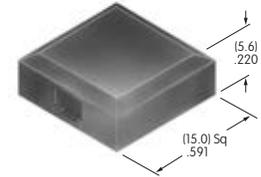
AT3078
12mm Sculptured Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP

(6.5) .256
(12.0) Sq .472
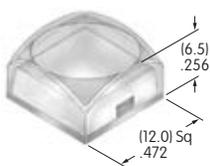
AT3079
15mm Sculptured Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP

(7.0) .276
(15.0) Sq .591
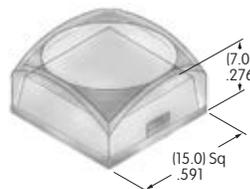
AT3080
17.4mm Sculptured Cap with Lens/Diffuser
Polycarbonate
Color: JB
Series: KP

(7.0) .276
(17.4) Sq .685

AT3081
Transparent Lens
Polycarbonate
Color: J
Series: HB2
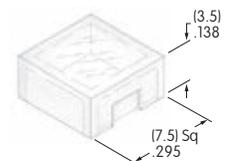
(3.5) .138
(7.5) Sq .295

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

(1.0) .039
(5.8) Sq .228
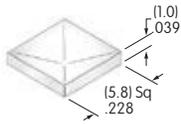
AT3083
**12mm Flat Cap
with Lens/Diffuser**
Polycarbonate
Color: JB
Series: KP

(6.5) .256
(12.0) Sq .472

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

(7.0) .276
(15.0) Sq .591

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

(7.0) .276
(17.4) Sq .685
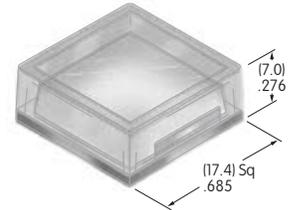
AT3086
**12mm Home Key Cap
with Lens/Diffuser**
Polycarbonate
Color: JB
Series: KP

(2.6) Dia .102
(6.5) .256
(12.0) Sq .472
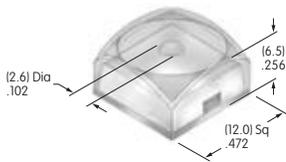
AT3087
**15mm Home Key Cap
with Lens/Diffuser**
Polycarbonate
Color: JB
Series: KP

(2.6) Dia .102
(7.0) .276
(15.0) Sq .591
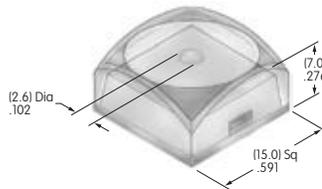
AT3088
**17.4mm Home Key Cap
with Lens/Diffuser**
Polycarbonate
Color: JB
Series: KP

(2.6) Dia .102
(7.0) .276
(17.4) Sq .685
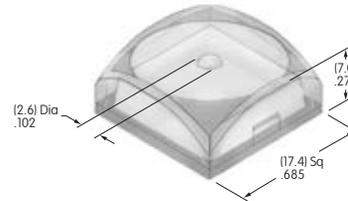
AT3090
**12.0mm Square
Sculptured Cap with Alternating
Legends**
Polycarbonate
Color: J
Series: KP

(6.5) .256
(12.0) Sq .472
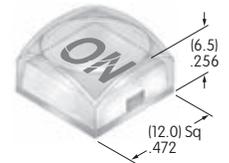
AT3091
**15.0mm Square
Sculptured Cap with
Alternating Legends**
Polycarbonate
Color: J
Series: KP

(7.0) .276
(15.0) Sq .591

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

(7.0) .276
(17.4) Sq .685

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

(6.5) .256
(12.0) Sq .472

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

(7.0) .276
(15.0) Sq .591

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

NKK SWITCHES

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators

Accessories

Supplement

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

(7.0)
.276

(17.4) Sq
.685
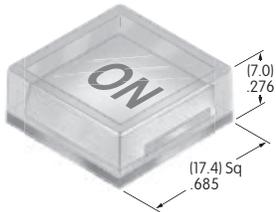
AT3096
12.0mm Square
Home Key Cap with
Alternating Legends
Polycarbonate
Color: J
Series: KP

(2.6) Dia
.102

(6.5)
.256

(12.0) Sq
.472
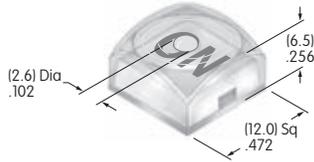
AT3097
15.0mm Square
Home Key Cap with
Alternating Legends
Polycarbonate
Color: J
Series: KP

(2.6) Dia
.102

(7.0)
.276

(15.0) Sq
.591
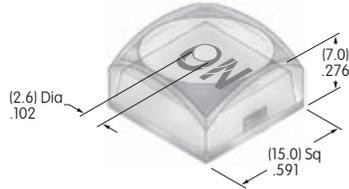
AT3098
17.4mm Square
Home Key Cap with
Alternating Legends
Polycarbonate
Color: J
Series: KP

(2.6) Dia
.102

(7.0)
.276

(17.4) Sq
.685
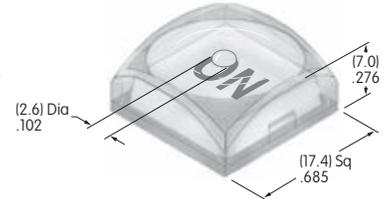
AT4000s

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

(4.8)
.189

(2.5)
.098

(24.0) Sq
.945
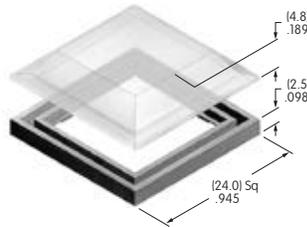
AT4002
Round Dust Cover
Lid: Polyvinyl chloride
Gasket: Polyethylene
Series: LB

(4.8)
.189

(2.5)
.098

(30.0) Dia
1.181
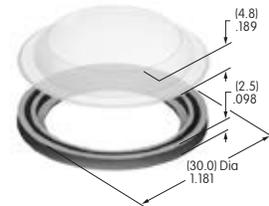
AT4003
.394" Bat Lever Cap
Polyvinyl chloride
Colors: A B C
Series: A B

(10.0)
.394

(3.0) Dia
.118
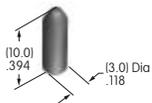
AT4011
Rectangular Dust Cover
Lid: Polyvinyl chloride
Gasket: Polyethylene
Series: LB UB
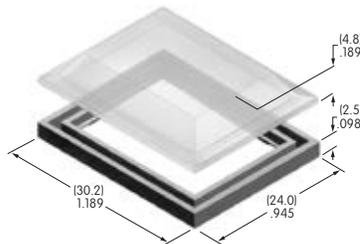
(4.8)
.189

(2.5)
.098

(30.2)
1.189

(24.0)
.945

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

(19.0) Dia
.748
(10.0)
.394

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

(19.0) Dia
.748
(10.0)
.394

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

(19.0) Dia
.748
(10.0)
.394
(5.0)
.197
(2.0)
.079

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

(19.0) Dia
.748
(10.0)
.394

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

(11.6)
.457
(16.1)
.634
(4.5)
.177
(6.3)
.248
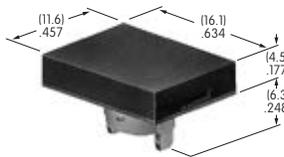
AT4022
Rectangular Colored Insert Cap
Polycarbonate
Cap Colors: JB JC JE JF JG
Series: KB

(11.6)
.457
(16.1)
.634
(4.5)
.177
(6.3)
.248

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

(5.0)
.197
(6.5)
.256
(23.5)
.925
(19.0)
.748
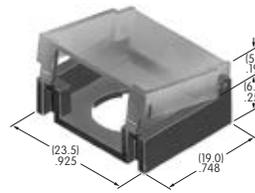
AT4025
Rectangular Dust Cover
Lid: Polyvinyl chloride
Base: Polyamide
Series: KB

(13.0)
.512
(17.5)
.689
(5.31)
.209
(6.5)
.256
(25.4)
1.00
(21.0)
.827
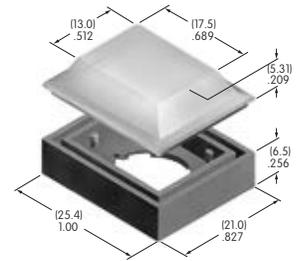
AT4026
Rectangular Solid Colored Cap
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB

(13.2)
.520
(19.4)
.764
(5.0)
.197
(6.0)
.236
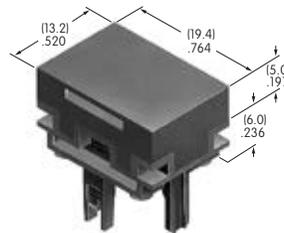
AT4027
Rectangular Colored Insert Cap
Polycarbonate
Colors: JB JC JE JF JG
Series: LB

(13.2)
.520
(19.4)
.764
(5.0)
.197
(6.0)
.236
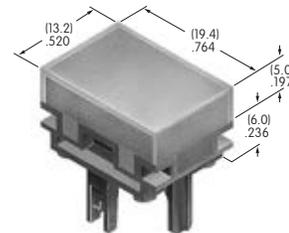
AT4030
Rectangular Nonilluminated Cap
Polycarbonate
Colors: A B C E F G H
Series: LB

(13.2)
.520
(19.4)
.764
(5.0)
.197
(6.0)
.236
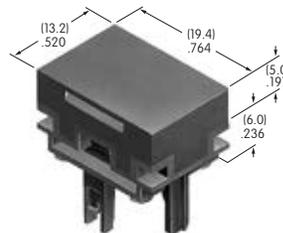
AT4031
**Square Cap for Bright
& Super Bright LED**
Polycarbonate
Colors: JB
Series: HB
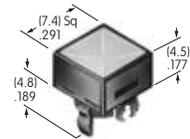
(7.4) Sq
.291
(4.5)
.177
(4.8)
.189

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

NKK SWITCHES

Accessories & Hardware

Toggles
Rockers
Pushbuttons
Illuminated PB
Programmable
Keylocks
Rotaries
Slides
Tactiles
Tilt
Touch
Indicators
Accessories
Supplement

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

(7.4) Dia
.291
(4.5)
.177
(4.8)
.189
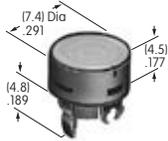
AT4033
Square Indicator Cap
Polycarbonate
Colors: JB
Series: HB

(7.4) Sq
.291
(4.5)
.177
(4.8)
.189
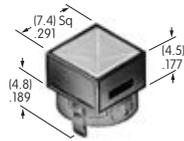
AT4034
Round Indicator Cap
Polycarbonate
Colors: JB
Series: HB

(7.4) Dia
.291
(4.5)
.177
(4.8)
.189

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

(7.4) Sq
.291
(4.5)
.177
(4.8)
.189
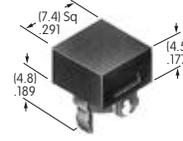
AT4036
Round Nonilluminated Cap
Polycarbonate
Colors: B C E F G
Series: HB

(7.4) Dia
.291
(4.5)
.177
(4.8)
.189
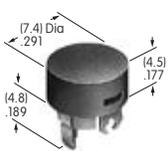
AT4041 (M-metric H-inch)
Splashproof Boot for Momentary
Black silicone rubber
Series: MB

(4.9) Dia
.193
(8.5)
.335
(3.0)
.118
M6 P0.75 or
1/4-40 Thd
(10.8)
.425
M2.3 P0.4
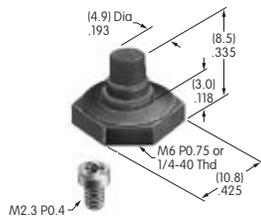
AT4042 (M-metric H-inch)
Splashproof Boot for Alternate
Black silicone rubber
Series: MB

(4.9) Dia
.193
(8.5)
.335
(3.0)
.118
M6 P0.75 or
1/4-40 Thd
(10.8)
.425

AT4043
Splashproof Boot
Black silicone rubber
Series: MB SB WB

(9.6) Dia
.378
(10.7)
.421
(4.0)
.157
M12 P1
(18.0) Dia
.709
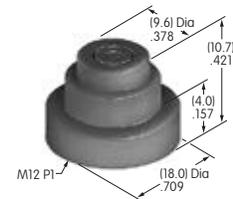
AT4051
Spot Illuminated Cap
Polycarbonate
Colors: AB
Series: KB

(3.0)
.118
(11.6) Sq
.457
(1.8)
.071
(4.6)
.181
(5.0)
.197
(6.2)
.244
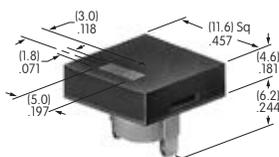
AT4052
Spot Illuminated Cap
Polycarbonate
Colors: AB
Series: HB

(7.4) Sq
.291
(1.8)
.071
(4.6)
.181
(1.2)
.047
(4.8)
.189
(3.0)
.118
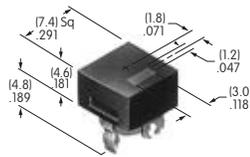
AT4054
Round Solid Colored Cap
Polycarbonate
Colors: BJ CJ EJ FJ GJ
Series: LB Panel Seal

(19.0) Dia
.748
(9.0)
.354

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

(19.0) Dia
.748
(9.0)
.354

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

Accessories & Hardware

Toggles
Rockers
Pushbuttons
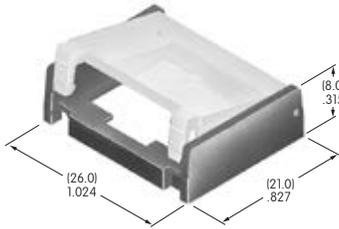Illuminated PB
Programmable
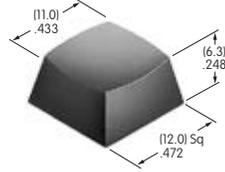Keylocks
Rotaries
Slides
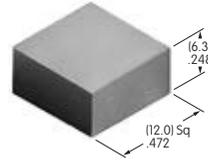Tactiles
Tilt
Touch
Indicators
Accessories
Y
Supplement

AT4057
Protective Guard
Polycarbonate
Series: LB

(8.0) .315
(26.0) 1.024
(21.0) .827

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

(11.0) .433
(6.3) .248
(12.0) Sq .472

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

(6.3) .248
(12.0) Sq .472

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

(6.3) .248
(12.0) Sq .472

AT4062
Rocker
Polyamide
Colors: A B C
Series: G

(10.0) .394
(11.25) .443
(6.2) .244
(13.4) .528
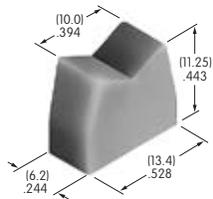
AT4063
.157" Diameter Slip-on Cap
Polyamide
Colors: A B C
Series: GB G3B

(4.0) Dia .157
(2.4) .094

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

(3.0) Dia .118
(6.3) .248
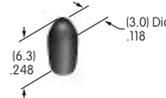
AT4065
Slide Cap
Polycarbonate
Cap Color: A
Window: C E F
Series: SS

(3.2) .126
(5.0) .197
(5.0) .197
(8.5) .335
(11.0) .433
(0.6) .024
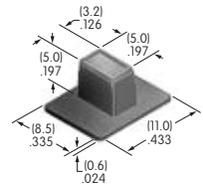
AT4072
Protective Guard
Lid: Polycarbonate
Base: Glass fiber reinforced polycarbonate
Series: YB

(11.2) .441
(6.6) .260
(23.9) .941
(22.9) .902
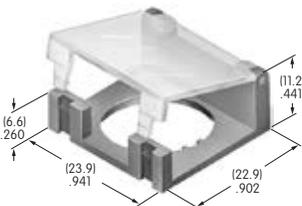
AT4073
Square Opaque Cap for Nonilluminated
Polycarbonate
Colors: A B C E F G
Series: UB

(3.0) .118
(12.0) Sq .472
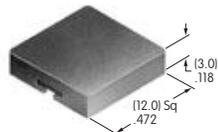
AT4074
Square Transparent Cap for Illuminated
Polycarbonate
Colors: C D F J
Series: UB

(3.0) .118
(12.0) Sq .472
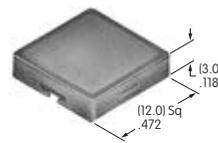
AT4075
Diffuser for AT4074 Square Cap
Polycarbonate
Colors: B C D F
Series: UB
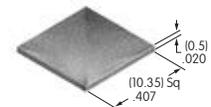
(0.5) .020
(10.35) Sq .407

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

NKK SWITCHES

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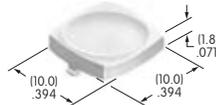**Button with Frame**
for Illuminated
Polycarbonate
Colors: BB BC BE BF BH
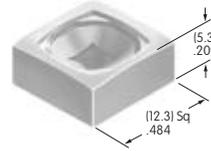Series: JB

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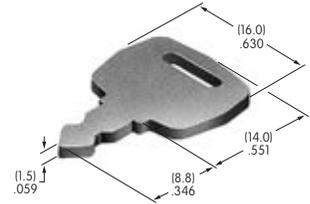Polycarbonate
Colors: B C E F G H
Series: JB

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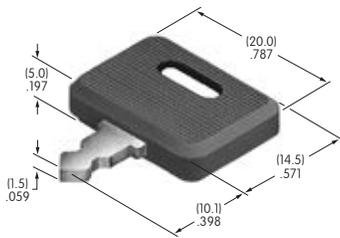Colors: B C E F G H
Series: JB

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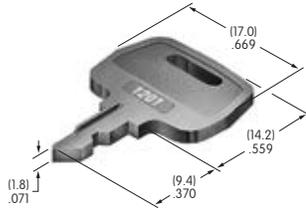bright nickel plating
Series: SK

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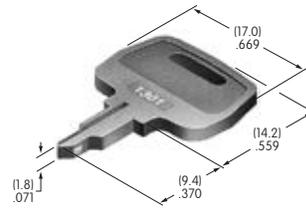Antistatic ABS resin handle
Color: A
Series: SK

AT4081
Actuator Key
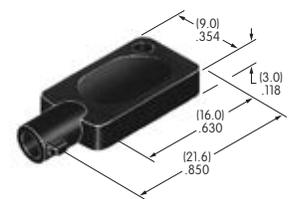Zinc alloy with chrome plating
Series: SK

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
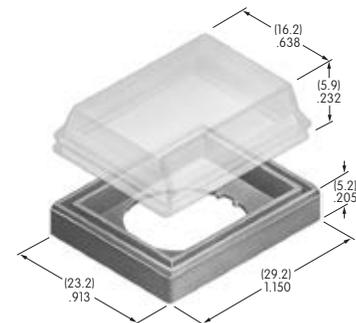Base Color: A
Tip Colors: A B C E F G H
Series: FR01 MR

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

Toggles
Rockers
Pushbuttons
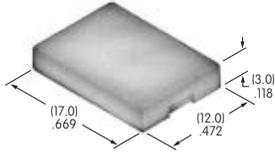Illuminated PB
Programmable
Keylocks
Rotaries
Slides
Tactiles
Tilt
Touch
Indicators
Accessories
Supplement

Accessories & Hardware

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

(17.0) .669
(12.0) .472
(3.0) .118

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

(17.0) .669
(12.0) .472
(3.0) .118
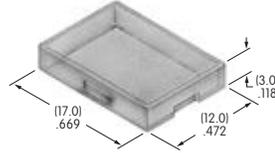
AT4118
Diffuser for AT4117
Rectangular Transparent Cap
Polycarbonate
Colors: B C D F
Series: UB

(15.35) .604
(10.35) .407
(0.5) .020
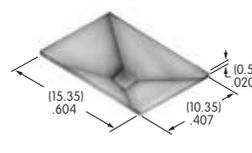
AT4119
Square Spot Illuminated Cap
Polycarbonate
Colors: AB
Series: UB

(1.9) .075
(3.1) .122
(5.0) .197
(3.0) .118
(12.0) Sq .472
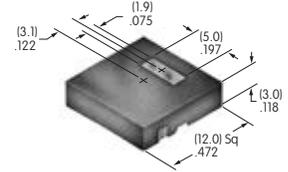
AT4120
Rectangular
Spot Illuminated Cap
Polycarbonate
Colors: AB
Series: UB

(1.9) .075
(3.1) .122
(5.0) .197
(3.0) .118
(17.0) .669
(12.0) .472
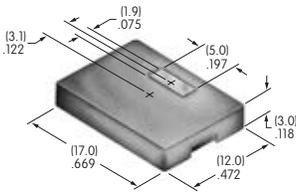
AT4124
Actuator Key
Brass with nickel plating
Series: SK

(20.0) .787
(16.2) .638
(1.8) .071
(13.7) .539
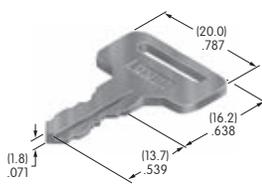
AT4125
LED Rocker
Polycarbonate
Colors: B C E F
Series: MLW

(12.6) .496
(16.0) .630
(10.5) .413
(13.5) .531
(15.3) .602
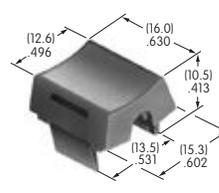
AT4126
Dust Cover
Polyvinyl chloride & polyamide
Color: A
Series: JWL

(22.2) .874
(6.0) .236
(2.6) .102
(33.0) 1.299
(42.0) 1.654
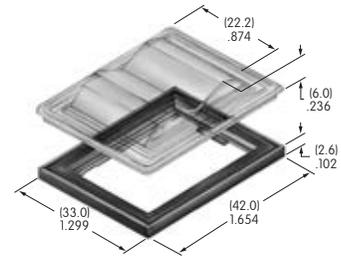
AT4127
Sculptured Rocker
Polycarbonate
Colors: B C E F
Series: MLW

(11.5) .453
(16.0) .630
(15.5) .610
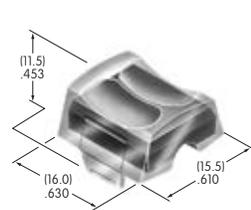
AT4128
Round Cap for
Super Bright LED
Polycarbonate
Colors: JB
Series: LB

(19.0) Dia .748
(10.0) .394

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

(13.2) Sq .520
(3.5) .138
(6.5) .256
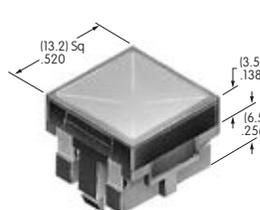
AT4130
Rectangular Cap for
Super Bright LED
Polycarbonate
Colors: JB
Series: LB
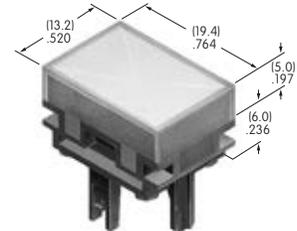
(13.2) .520
(19.4) .764
(5.0) .197
(6.0) .236

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

NKK SWITCHES

Accessories & Hardware

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators

Accessories

Supplement

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

(19.0) Dia .748
(9.0) .354

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

(11.6) Dia .457
(4.5) .177
(6.2) .244

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

(11.6) Sq .457
(4.5) .177
(6.2) .244

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

(11.6) .457
(16.1) .634
(4.5) .177
(6.3) .248

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

(7.3) .287
(12.0) Sq .472
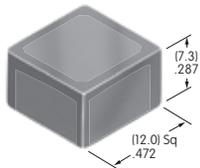
AT4137
Rectangular Cap
PBT
Colors: A B C
Series: GB2

(2.4) .094
(2.0) .079
(3.0) .118
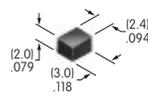
AT4139
Square Flat Cap
Polycarbonate
Colors: A B C H
Series: JB

(5.7) .224
(10.0) Sq .394
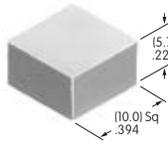
AT4140
Cap for Mounter AT547
Polycarbonate
Colors: A B C H
Series: JB

(7.3) .287
(12.0) Sq .472
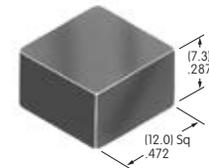
AT4141
Protective Guard
Cover: Polycarbonate
Base: GFR polyamide
Series: UB2

(6.5) .256
(21.5) .846
(21.7) .854
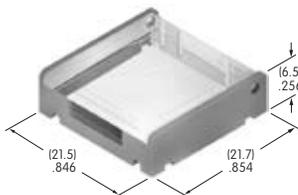
AT4142
Spring Loaded
Protective Guard
Cover: Polycarbonate
Base: GFR polyamide
Coil spring: Stainless steel
Series: UB2

(6.5) .256
(21.5) .846
(21.7) .854
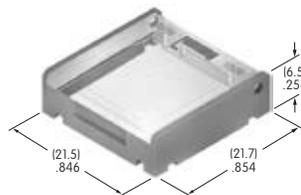
AT4143
End Barrier
Polyamide
Color: A
Series: UB2

(21.0) .827
(4.8) .189
(18.1) .713
(4.1) .161
(2.0) .079
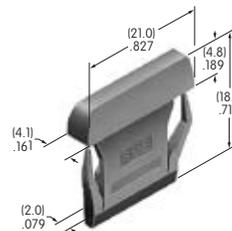
AT4144
Center Barrier
Polyamide
Color: A
Series: UB2
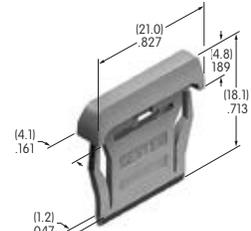
(21.0) .827
(4.8) .189
(18.1) .713
(4.1) .161
(1.2) .047

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
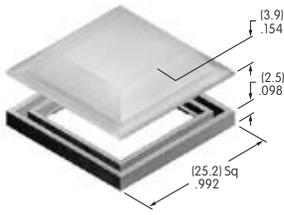
AT4146
Tubular Key
Brass with nickel plating
ABS handle
Color: A
Series: CKM
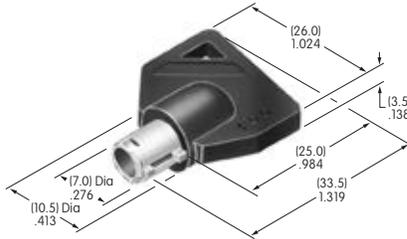
AT4147
Flat Key
Brass with nickel plating
ABS handle
Color: A
Series: CKM
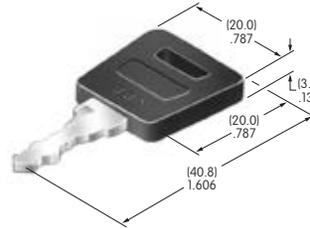
AT4148
.365" Wide Rocker
Polyamide
Colors: A B C E F G H
Series: M M2T P
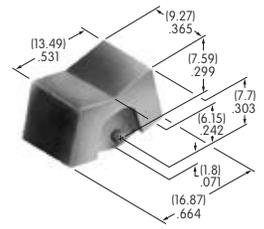
AT4149
.365" Wide Paddle
Polyamide
Colors: A B C E F G H
Series: M M2T P
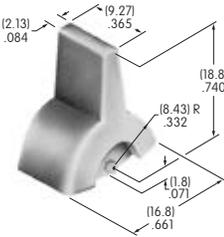
AT4150
.450" Wide Rocker
Polyamide
Colors: A B C E F G H
Series: M M2T

AT4151
.450" Wide Paddle
Polyamide
Colors: A B C E F G H
Series: M M2T
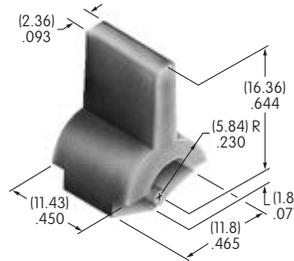
AT4152
Tubular Key
Brass with nickel plating
Series: CKL

AT4153
Flat Key
Brass with chrome plating
Series: CKL
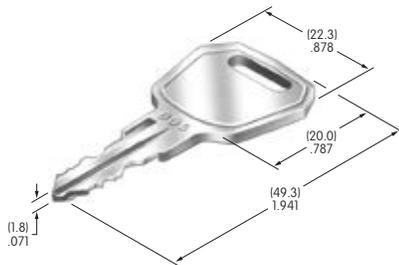
AT4156
.595" Wide Rocker
Polyamide
Colors: A B C E F G H
Series: M P

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

NKK SWITCHES

Accessories & Hardware

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators
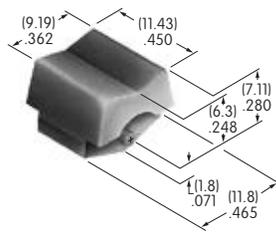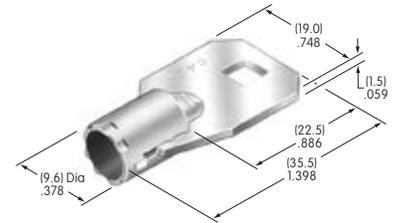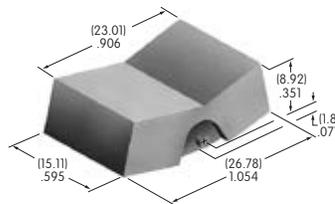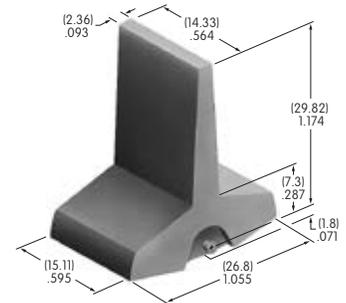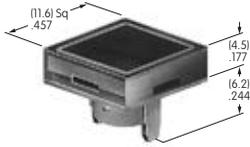
Y Accessories

Supplement

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

(11.6) Sq
.457
(4.5)
.177
(6.2)
.244

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

(11.6)
.457
(16.1)
.634
(4.5)
.177
(6.3)
.248
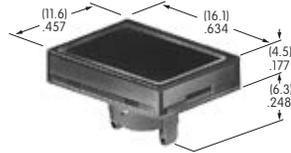
AT4160
Round Cap
for Bright LED
Polycarbonate
Colors: JC JD JF
Series: KB

(11.6) Dia
.457
(4.5)
.177
(6.2)
.244

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

(13.2) Sq
.520
(3.5)
.138
(6.5)
.256
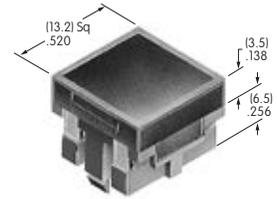
AT4163
Rectangular Cap
for Bright LED
Polycarbonate
Colors: JB JC JD JF
Series: LB

(13.2)
.520
(19.4)
.764
(5.0)
.197
(6.0)
.236

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

(19.0) Dia
.748
(10.0)
.394

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

(19.0) Dia
.748
(9.0)
.354

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

(7.4) Sq
.291
(4.5)
.177
(4.8)
.189

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

(7.4) Dia
.291
(4.5)
.177
(4.8)
.189

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

(7.4) Sq
.291
(4.5)
.177
(4.8)
.189

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

(7.4) Dia
.291
(4.5)
.177
(4.8)
.189

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
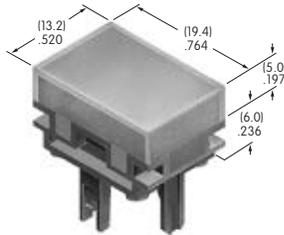Coil spring: Stainless steel
Series: YB
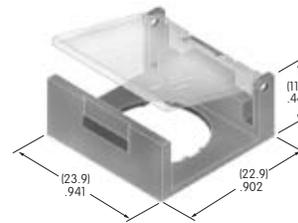
AT4176
Square Cap for Bright LED
Polycarbonate
Colors: JB JC JD JF
Series: LB
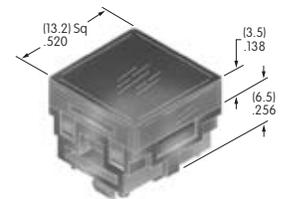
AT4177
Rectangular Cap for Bright LED
Polycarbonate
Colors: JB JC JD JF
Series: LB
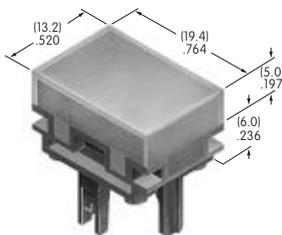
AT4178
Round Cap for Bright LED
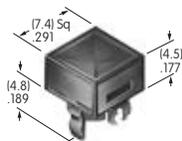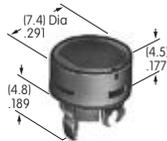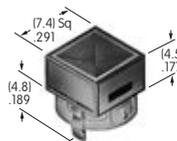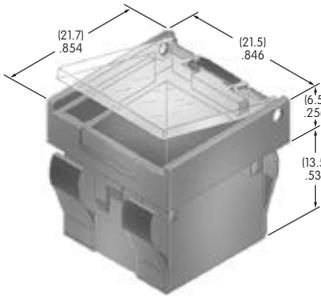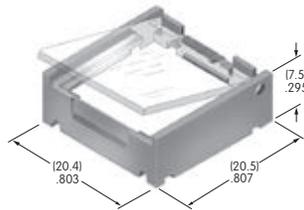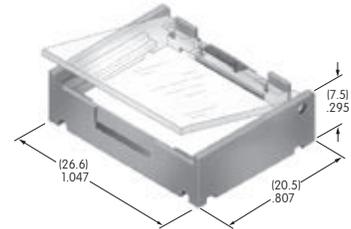Polycarbonate
Colors: JB JC JD JF
Series: LB

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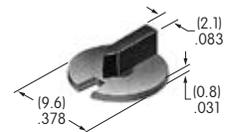
Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray **J** Clear

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

(8.0) Dia .315
M12 P1
(14.8) .583
(18.6) .732
(24.3) .957
(21.5) Dia .846
(1.0) .039
(12.1) Dia .476
(17.5) Dia .689

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
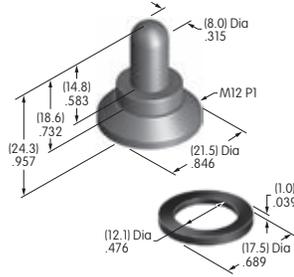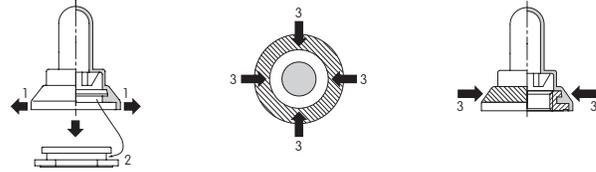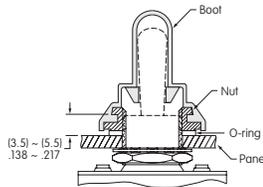1. Stretch base of the boot to fit around outer edges of the nut.
2. The ridge inside of boot must be firmly seated in groove of the nut.
3. Moving all around perimeter, push (with about 10N of force) toward center to assure boot seals tightly into groove (with no air pockets).

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

Boot
Nut
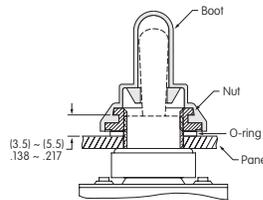(3.5) ~ (5.5) .138 ~ .217
O-ring
Panel

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

Boot
Nut
(3.5) ~ (5.5) .138 ~ .217
O-ring
Panel

WT Toggle or M Toggle with B3 Bushing

Boot
Nut
(3.5) ~ (5.5) .138 ~ .217
O-ring
Panel

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

(0.5) .020
(10.35) Sq .407
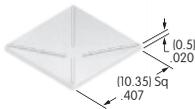
AT4189
Diffuser for AT4117
Rectangular Cap
Polycarbonate
Color: B
Series: UB
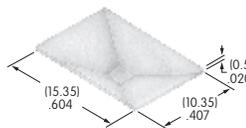
(0.5) .020
(15.35) .604
(10.35) .407

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

Accessories & Hardware

Toggles
Rockers
Pushbuttons
Illuminated PB
Programmable
Keylocks
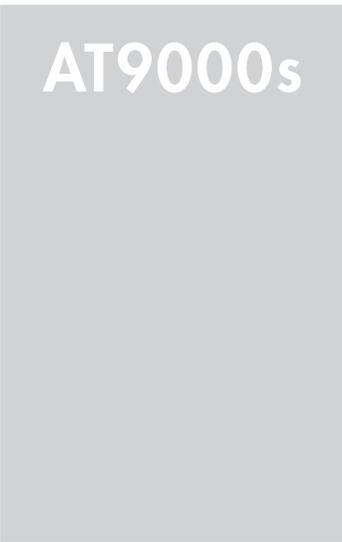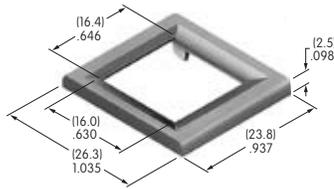Rotaries
Slides
Tactiles
Tilt
Touch
Indicators
Accessories
Y
Supplement

AT9000s

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

(16.4) .646
(2.5) .098
(16.0) .630
(26.3) 1.035
(23.8) .937

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

(4.8) .189
(3.0) .118
(0.5) .020
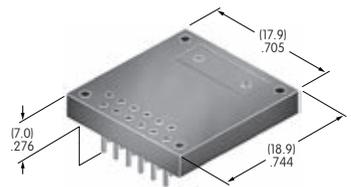(31.3) Dia 1.232

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

(20.5) .807
(6.7) .264
(23.0) .906
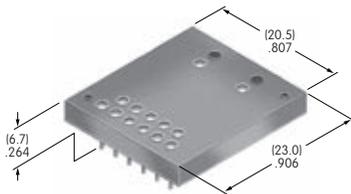
AT9704-065E
Socket for LCD 36 x 24
RGB Pushbutton
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch

(20.5) .807
(6.7) .264
(23.0) .906
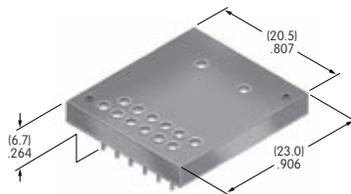
AT9704-065F
Socket for LCD 36 x 24
Compact Pushbutton
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch

(17.9) .705
(7.0) .276
(18.9) .744

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

(20.3) .799
(7.4) .291
(22.9) .902
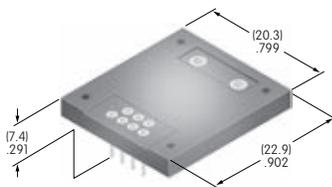
AT9704-085L
Socket for OLED 64 x 48 Pushbutton
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch

(20.3) .799
(7.0) .276
(22.9) .902

AT9704-085M
Socket for OLED 52 x 36 Display
Base: Glass fiber reinforced PBT
Terminals: Brass/beryllium copper
Series: SmartSwitch
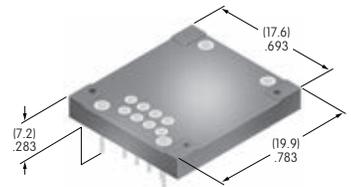
(17.6) .693
(7.2) .283
(19.9) .783

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

NKK SWITCHES

Mouser Electronics

Authorized Distributor

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[AT3010C05JB](#) [AT3011C02JA](#) [AT480FB](#) [AT716](#) [AT3011C12JB](#) [AT4054H](#) [AT3025JB](#) [AT501H/3](#) [AT485A/1](#)
[AT3011D24JA](#) [AT3017CB](#) [AT3069J04](#) [AT9201D](#) [AT3012CF24JF](#) [AT480CFA](#) [AT480CFC](#) [AT480DB](#) [AT3011C05JB](#)
[AT3011D05JB](#) [AT3011D12JA](#) [AT3011F05JF](#) [AT3012C02JB](#) [AT3012D12JE](#) [AT3010D24JA](#) [AT3010D24JB](#)
[AT3011CF05JB](#) [AT3010D05JB](#) [AT3010C02JB](#) [AT3010F24JA](#) [AT460E](#) [AT3010C12JA](#) [AT3010C02JF](#)
[AT3010C24JF](#) [AT3010D02JE](#) [AT3010CF05JB](#) [AT717](#) [AT3011CF12JF](#) [AT3070J01](#) [AT3069J02](#) [AT3010F24JF](#)
[AT3010F05JB](#) [AT4016FA](#) [AT480CA](#) [AT3011C12JC](#) [AT3011F12JB](#) [AT3011F12JF](#) [AT4016CC](#) [AT3011F02JA](#)
[AT207A/1](#) [AT4116A/1](#) [AT715-12](#) [AT3011C02JC](#) [AT719](#) [AT718](#) [AT401G](#) [AT3025CB](#) [AT3025EB](#) [AT3025FB](#)
[AT3069J06](#) [AT3011C02JB](#) [AT3010F05JE](#) [AT3070J02](#) [AT3010CF02JF](#) [AT3018JB](#) [AT062A/1](#) [AT208A/1](#)
[AT3070J04](#) [AT4016CFB](#) [AT480CE](#) [AT3069J05](#) [AT3012D24JC](#) [AT4016EC](#) [AT480CH](#) [AT4016EF](#) [AT4139C](#)
[AT4016CFA](#) [AT480CFB](#) [AT3012C05JB](#) [AT3012C12JC](#) [AT3012C02JC](#) [AT3012C05JC](#) [AT3012F24JC](#) [AT480DC](#)
[AT4016CF](#) [AT480CB](#) [AT3012D05JB](#) [AT3012F02JF](#) [AT4016CB](#) [AT4016CFC](#) [AT480CF](#)