

TYPICAL INDICATOR ORDERING EXAMPLE

UB2

01

K

W03

6CF

—

1JB

Mounting Types

PCB Mounting

01 Square

Snap-in Mounting

04 Square

Housing

K Black

Terminals

W03 Silver PC/Turret

LEDs

Bright LED

5C Red

5D Amber

5F Green

Super Bright LED

6B White

6F Green

6G Blue

Super Bright Bicolor LED

6CF Red/Green

6DG Amber/Blue

Cap Types & Colors

Sculptured Cap Lens/Diffuser Colors

1JB Clear/White

1JC Clear/Red

1JD Clear/Amber

1JF Clear/Green

Beveled Cap & Colors

2B White

2C Red

2D Amber

2F Green

Flat Cap Lens/Diffuser Colors

3JB Clear/White

3JC Clear/Red

3JD Clear/Amber

3JF Clear/Green

Sculptured Cap Lens/Diffuser Color

1JB Clear/White

Beveled Cap & Color

2B White

Flat Cap Lens/Diffuser Color

3JB Clear/White

Sculptured Cap Lens/Diffuser Color

1JB Clear/White

Beveled Cap & Color

2B White

Flat Cap Lens/Diffuser Color

3JB Clear/White

Sculptured Cap with Alternating Legend

4JCF Clear; Red/Green

4JDG Clear; Amber/Blue

Flat Cap with Alternating Legend

5JCF Clear; Red/Green

5JDG Clear; Amber/Blue

Alternating Legends

11 ON (pos) OFF (pos)

12 ON (neg) OFF (neg)

13 START STOP

14 OPEN CLOSE

See Part Numbers Table on Next Page

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

UB201KW036CF-1JB

Sculptured Cap with Clear Lens, White Diffuser

Red/Green Super Bright Bicolor LED

Square with PCB Mounting



Black Housing

Silver PC/Turret Terminals

Toggle

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators

Accessories

Supplement

Part Numbers for Alternating Legends

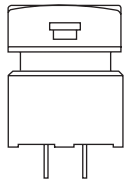
| Color | 15mm Square Sculptured Cap | 15mm Square Flat Cap |
|------------|----------------------------|---------------------------|
| | Part Number | Part Number |
| Red/Green | AT3069JCF11 ~ AT3069JCF14 | AT3070JCF11 ~ AT3070JCF14 |
| Amber/Blue | AT3069JDG11 ~ AT3069JDG14 | AT3070JDG11 ~ AT3070JDG14 |

Refer to Ordering Table for Alternating Legend that corresponds with last 2 digits of part number.

MOUNTING TYPES, SHAPES, & TERMINALS

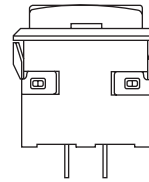
01 PCB Mounting

Square



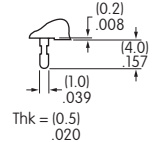
04 Snap-in Mounting

Square with Built-in Bezel



W03 Terminals


Silver PC/Turret




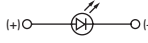
Panel Thickness: .039 ~ .126" (1.0 ~ 3.2mm)

LED COLORS & SPECIFICATIONS

The electrical specifications shown are determined at a basic temperature of 25°C. Polarity marks are on the bottom of the device. If the source voltage exceeds the rated voltage, a ballast resistor is required. The resistor value can be calculated by using the formula in the Supplement section. The LED is an integral part of the indicator and not available separately.

| Note for Super Bright:  | | Bright | | | Super Bright | | | Super Bright Bicolor | | Unit |
|---|--------------|------------|-----------|-----------|--------------|-----------|-----------|-----------------------|------------|-------|
| | | 5C | 5D | 5F | 6B | 6F | 6G | 6CF | 6DG | |
| Color | | Red | Amber | Green | White | Green | Blue | Red/Green | Amber/Blue | |
| Maximum Forward Current | I_{FM} | 30 | 30 | 25 | 20 | 30 | 30 | 30/25 *Amber 25/22 | 30/30 | mA |
| Typical Forward Current | I_F | 20 | 20 | 20 | 15 | 20 | 20 | 20/20 | 15/15 | mA |
| Forward Voltage | V_F | 1.85 | 2.0 | 2.1 | 3.3 | 3.5 | 3.6 | 2.1/3.5 | 2.0/2.8 | V |
| Maximum Reverse Voltage | V_{RM} | 5 | 5 | 5 | 5 | 5 | 5 | 4/4 | 4/4 | V |
| Current Reduction Rate Above 25°C | ΔI_F | 0.40 | 0.42 | 0.46 | 0.25 | 0.50 | 0.50 | 0.40/0.33 | 0.33/0.33 | mA/°C |
| Ambient Temperature Range | | -25° ~ +50 | | | -20° ~ +50 | | | -25° ~ +50 | -25° ~ +50 | °C |

Bright Single Color LED with 1 element 

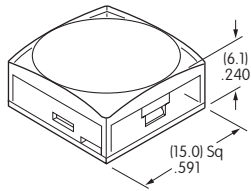
Super Bright Single Color LED with 1 element 

Super Bright Bicolor LED with 2 elements 

*Amber color can be achieved by lighting red and green simultaneously on the bicolor LED (not suitable for Alternating Legends).

CAP TYPES & COLOR COMBINATIONS

1 AT3074
Sculptured

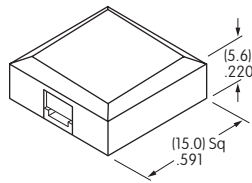


Lens/Diffuser
Colors
Available:

- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

Material: Polycarbonate
Finish: Glossy

2 AT3075
Beveled

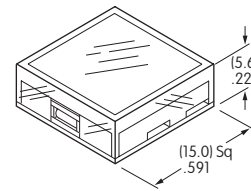


Material: Polycarbonate
Finish: Glossy

Cap
Colors
Available:

- B** White
- C** Red
- D** Amber
- F** Green

3 AT3076
Flat



Material: Polycarbonate
Finish: Glossy

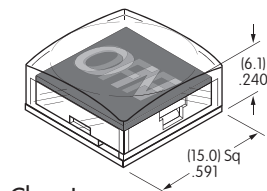
Lens/Diffuser
Colors
Available:

- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

Alternating Legend Caps for Super Bright Bicolor LED

AT3069J Sculptured Cap
with Alternating Legend

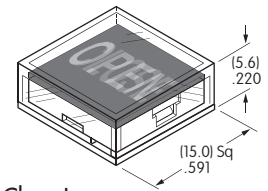
- 4JCF** Red/Green
- 4JDG** Amber/Blue



Clear Lens
Alternating Legend Filter
Material: Polycarbonate

AT3070J Flat Cap with
Alternating Legend

- 5JCF** Red/Green
- 5JDG** Amber/Blue



Clear Lens
Alternating Legend Filter
Finish: Glossy

Standard Alternating Legend Pairs



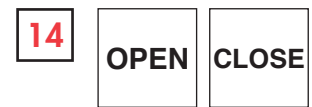
Green/Red or Blue/Amber



Green/Red or Blue/Amber



Green/Red or Blue/Amber



Green/Red or Blue/Amber

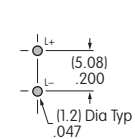
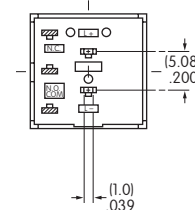
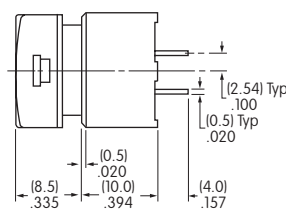
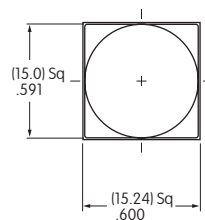
Cap illumination is alternating Green/Red or Blue/Amber; legend text is black. Contact factory for other Alternating Legends.

Legend illustrations are approximate representations of the actual characters on the filters.

Note: Cap Removal Tool available for PCB Mount. See AT093ABC in Accessories & Hardware section for dimensions and other details.

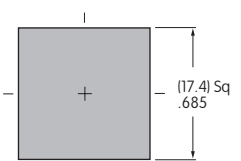
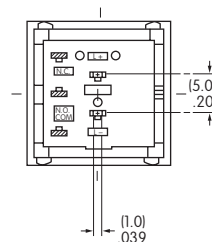
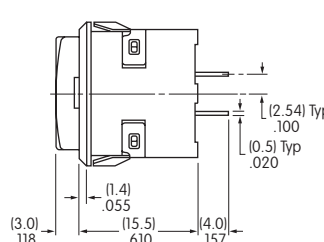
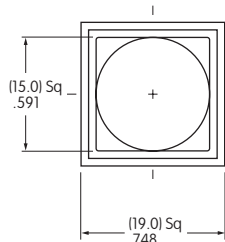
TYPICAL INDICATOR DIMENSIONS

PCB Mount



UB201KW035C-1JC

Snap-in Mount



Panel Thickness:
.039 ~ .126" (1.0 ~ 3.2mm)