

TYPICAL INDICATOR ORDERING EXAMPLE

UB

01

K

W03

5C

JC

Mounting Types

PCB Mounting

01 Square

03 Rectangular

\* Snap-in Mounting

04 Square

06 Rectangular

06B Rectangular with Side Barriers

\* Standard with Solder Lug terminals

Housing

K Black

LEDs

Bright LED

5C Red

5D Amber

5F Green

Super Bright LED

6B White

6F Green

6G Blue

Available with Square only

Cap Types & Colors

Full Face Illuminated Cap for Bright LED

Lens/Diffuser Colors

CB Red/White

CC Red/Red

\*CJ Red/Clear

DB Amber/White

DD Amber/Amber

\*DJ Amber/Clear

FB Green/White

FF Green/Green

\*FJ Green/Clear

JB Clear/White

JC Clear/Red

JD Clear/Amber

JF Clear/Green

\*JJ Clear/Clear

Full Face Illuminated Cap for Super Bright LED

JB Clear Lens/White Diffuser

For Square only; see cap detail page

Spot Illuminated Cap for Bright & Super Bright LEDs

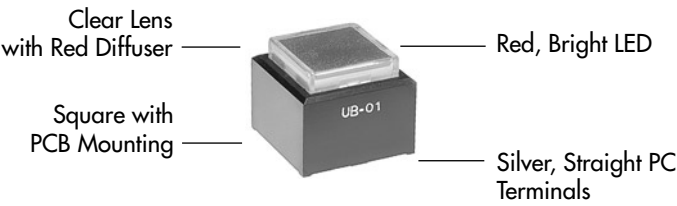
AB Black with White Window

Rectangular available for Bright only

\* Wire harness & cable assemblies offered only in Americas

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

UB01KW035C-JC



### LED COLORS & SPECIFICATIONS

The electrical specifications shown are determined at a basic temperature of 25°C.  
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 |       |      | Unit  |
|----------------------------------------------------------------------------------------------------------|--------------|--------------|-------|-------|--------------|-------|------|-------|
|                                                                                                          |              | 5C           | 5D    | 5F    | 6B           | 6F    | 6G   |       |
|                                                                                                          | Color        | Red          | Amber | Green | White        | Green | Blue |       |
| Forward Peak Current                                                                                     | $I_{FM}$     | 30           | 30    | 25    | 30           | 30    | 30   | mA    |
| Continuous Forward Current                                                                               | $I_F$        | 20           | 20    | 20    | 20           | 20    | 20   | mA    |
| Forward Voltage                                                                                          | $V_F$        | 1.85         | 2.0   | 2.1   | 3.2          | 3.2   | 3.2  | V     |
| Reverse Peak Voltage                                                                                     | $V_{RM}$     | 5            | 5     | 5     | 5            | 5     | 5    | V     |
| Current Reduction Rate Above 25°C                                                                        | $\Delta I_F$ | 0.40         | 0.42  | 0.46  | 0.40         | 0.40  | 0.40 | mA/°C |
| Ambient Temperature Range                                                                                |              | -25° ~ +50°C |       |       | -25° ~ +50°C |       |      |       |

### CAP TYPES & COLOR COMBINATIONS

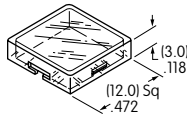
#### Full Face Illuminated Cap for Bright LED

##### Lens/Diffuser

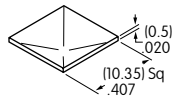
##### Colors Available for Square Cap:

|    |    |    |
|----|----|----|
| CB | DJ | JC |
| CC | FB | JD |
| CJ | FF | JF |
| DB | FJ | JJ |
| DD | JB |    |

AT4074  
Lens



AT4075  
Diffuser



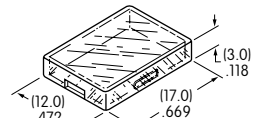
Lens & Diffuser Material: Polycarbonate

##### Lens/Diffuser

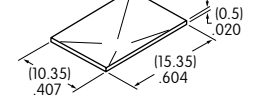
##### Colors Available for Rectangular Cap:

|    |    |    |
|----|----|----|
| CB | FB | JD |
| CC | FF | JF |
| DB | JB |    |
| DD | JC |    |

AT4117  
Lens



AT4118  
Diffuser



Lens Finish: Glossy

Diffuser Finish: Textured

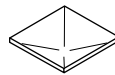
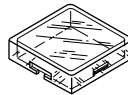
#### Full Face Illuminated Cap for Super Bright LED

##### Lens/Diffuser

##### Colors Available for Square Cap:

JB

AT4074 Lens & AT4075 Diffuser  
(Dimensioned above)



Lens & Diffuser Material: Polycarbonate

Lens Finish: Glossy

Rectangular lens & diffuser are not available for combining with super bright LED.

Diffuser Finish: Textured

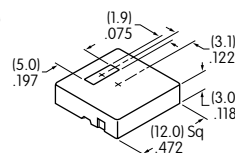
#### Spot Illuminated Caps

AB

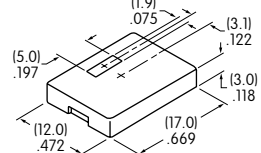
Black Cap with Translucent  
White Window for LED Display

Material: Polycarbonate  
Finish: Matte

AT4119 Square  
for Bright and  
Super Bright LED



AT4120 Rectangular  
for Bright LED



Color Codes:

A Black

B White

C Red

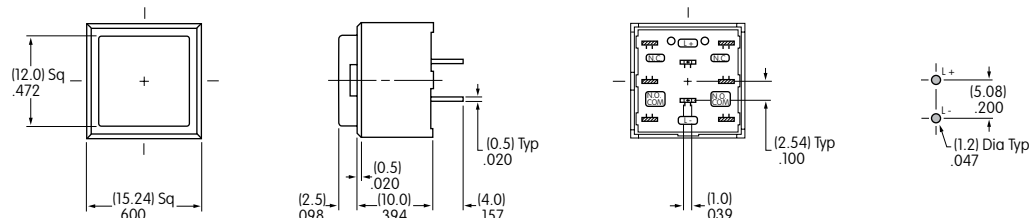
D Amber

F Green

J Clear

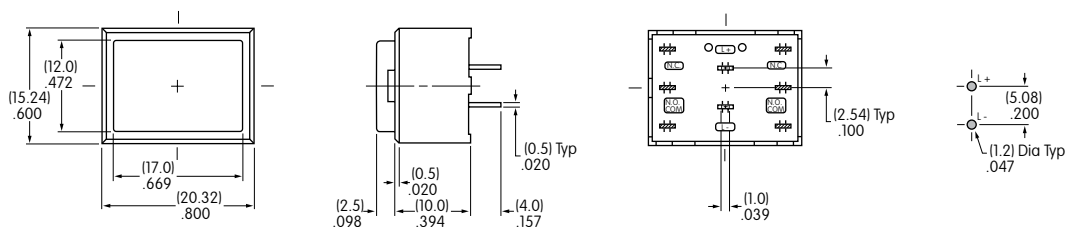
## TYPICAL INDICATOR DIMENSIONS

## Square • PCB Mount



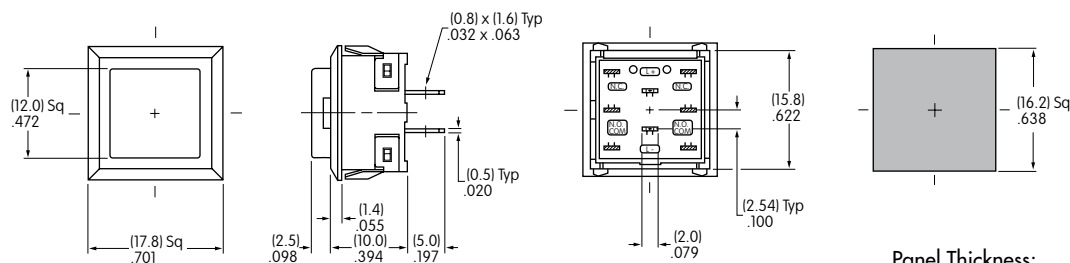
UB01KW035C-JC

## Rectangular • PCB Mount



UB03KW035F-FF

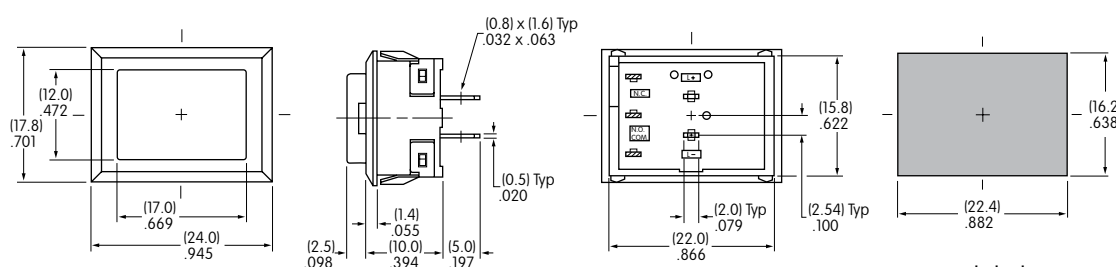
## Square • Snap-in Mount • Built-in Bezel



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

UB04KW015C-JC

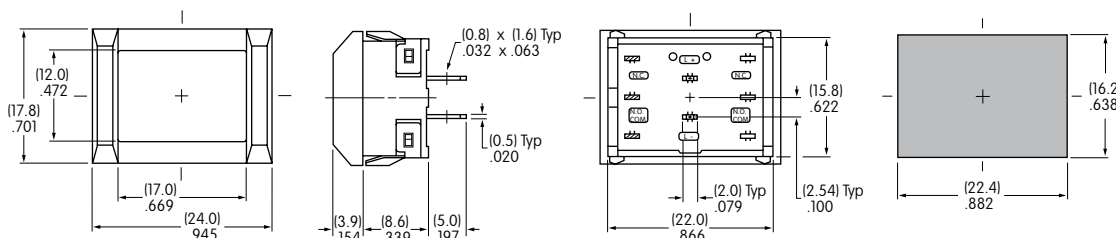
## Rectangular • Snap-in Mount • Built-in Bezel



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

UB06KW015D-DD

## Rectangular • Snap-in Mount • Built-in Side Barriers



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

UB06BKW015F-FF

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[UB06KW016B-CC](#) [UB06KW016B-DD](#) [UB06KW016B-FF](#) [UB06KW016B-JB](#) [UB01KW036G-JB](#) [UB01KW036G](#)  
[UB06KW016B](#) [UB04KW015D-DB](#) [UB04KW015C-JB](#) [UB01KW036B-JB](#) [UB01KW035F](#) [UB04KW015F-JB](#)  
[UB03KW035D](#) [UB04KW016B](#) [UB03KW035C-JB](#) [UB04KW016F](#) [UB03KW035F](#) [UB01KW036B](#) [UB03KW035C](#)  
[UB04KW016B-AB](#) [UB03KW035D-JB](#) [UB04KW015F-JF](#) [UB04KW016G](#) [UB01KW035C-JC](#) [UB01KW036F](#)  
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[UB03KW035C-CC](#) [UB06BKW015F-JF](#) [UB01KW035F-JF](#) [UB04KW015C](#) [UB04KW015D-DD](#) [UB06KW015C-CC](#)  
[UB04KW015F](#) [UB04KW015C-CC](#) [UB06KW015C](#) [UB04KW015F-FF](#) [UB01KW035D](#) [UB06KW015D-DD](#)  
[UB01KW035C](#) [UB06KW015C-CB](#) [UB06KW015F](#) [UB06KW015F-FB](#) [UB04KW015C-JC](#) [UB01KW035D-DD](#)  
[UB04KW015D](#) [UB06KW015D](#) [UB03KW035F-JB](#) [UB06KW015F-FF](#)