

### TYPICAL INDICATOR ORDERING EXAMPLE

**UB2 01 K W03 6CF — 4J 01**

#### 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

#### 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

#### Super Bright LED

6B White

6F Green

6G Blue

#### Sculptured Cap Lens/Diffuser Color

1JB Clear/White

#### Beveled Cap & Color

2B White

#### Flat Cap Lens/Diffuser Color

3JB Clear/White

#### Super Bright Bicolor LED

6CF Red/Green

#### 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

4J Clear Lens

#### Flat Cap with Alternating Legend

5J Clear Lens

#### Alternating Legends

01 ON/OFF

02 START/STOP

04 OPEN/CLOSE

#### DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

**UB201KW036CF-4J01**

Sculptured Cap with ON-OFF Dual Legend Filter

Red/Green Super Bright Bicolor LED

Square with PCB Mounting



Black Housing

Silver PC/Turret Terminals

Toggle

Rocker

Pushbutton

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators

Accessories

Supplement

MOUNTING TYPES, SHAPES, & TERMINALS

PCB Mounting

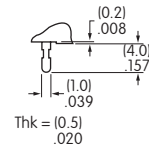
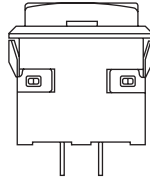
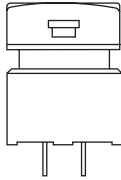
Snap-in Mounting

Terminals

**01** Square

**04** Square with Built-in Bezel


**W03** Silver PC/Turret

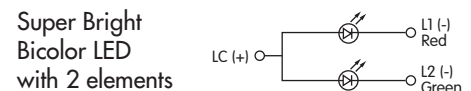


Panel Thickness:  
.039 ~ .126" (1.0 ~ 3.2mm)

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	Unit
		<b>5C</b>	<b>5D</b>	<b>5F</b>	<b>6B</b>	<b>6F</b>	<b>6G</b>	<b>6CF</b>	
		Red	Amber	Green	White	Green	Blue	Red/Green	
Maximum Forward Current	$I_{FM}$	30	30	25	20	30	30	30/25 Amber 25/22	mA
Typical Forward Current	$I_F$	20	20	20	15	20	20	20/20	mA
Forward Voltage	$V_F$	1.85	2.0	2.1	3.3	3.5	3.6	2.1/3.5	V
Maximum Reverse Voltage	$V_{RM}$	5	5	5	5	5	5	4/4	V
Current Reduction Rate Above 25°C	$\Delta I_F$	0.40	0.42	0.46	0.25	0.50	0.50	0.40/0.33	mA/°C
Ambient Temperature Range		-25° ~ +50			-20° ~ +50			-25° ~ +50	°C



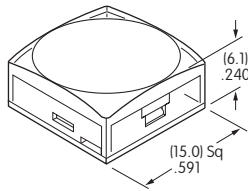
Amber color can be achieved by lighting red and green simultaneously on the bicolor LED (not suitable for Alternating Legends).

### CAP TYPES & COLOR COMBINATIONS

**1** AT3074  
Sculptured

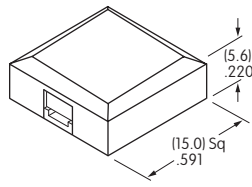
Lens/Diffuser  
Colors  
Available:

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



Material: Polycarbonate  
Finish: Glossy

**2** AT3075  
Beveled

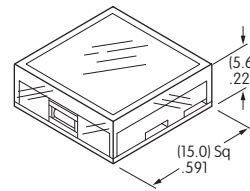


Material: Polycarbonate  
Finish: Glossy

Cap  
Colors  
Available:

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

**3** AT3076  
Flat



Material: Polycarbonate  
Finish: Glossy

Lens/Diffuser  
Colors  
Available:

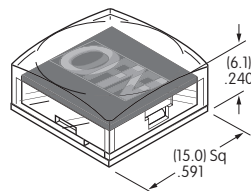
- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

### Alternating Legend Caps for Super Bright Bicolor LED

**4J** AT3069J Sculptured Cap  
with Alternating Legend

Clear Lens  
Alternating Legend Filter

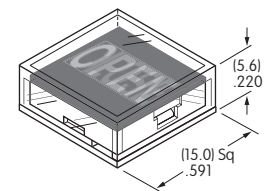
Material: Polycarbonate  
Finish: Glossy



**5J** AT3070J Flat Cap  
with Alternating Legend

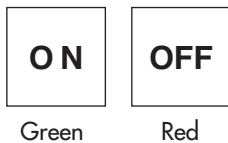
Clear Lens  
Alternating Legend Filter

Material: Polycarbonate  
Finish: Glossy

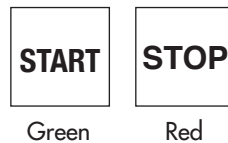


### Standard Alternating Legend Pairs

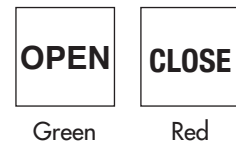
**01**



**02**



**04**



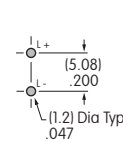
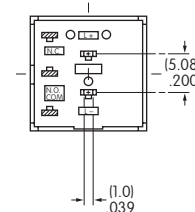
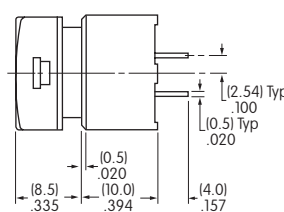
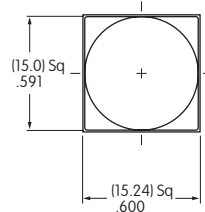
Cap illumination is alternating green/red; legend text is black.  
Contact factory for other Alternating Legends.

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.

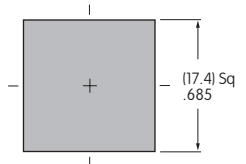
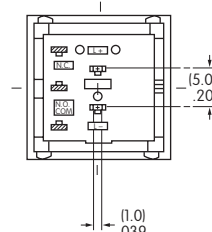
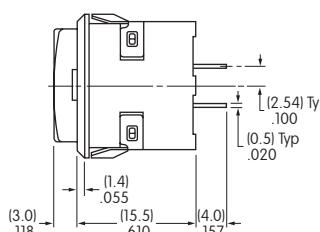
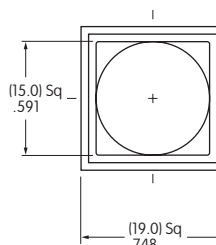
### TYPICAL INDICATOR DIMENSIONS

#### PCB Mount



**UB201KW035C-1JC**

#### Snap-in Mount



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

**UB204KW035C-1JC**