

### 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

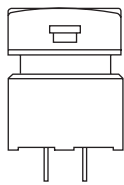
Part Numbers for Alternating Legends		
Color	15mm Square Sculptured Cap	15mm Square Flat Cap
	Part Number	Part Number
Red/Green	AT3069JCF11 ~ AT3069JCF14	AT3070JCF11 ~ AT3070JCF14
Amber/Blue	AT3069JDG11 ~ AT3069JDG14	AT3070JDG11 ~ AT3070JDG14

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

## MOUNTING TYPES, SHAPES, & TERMINALS

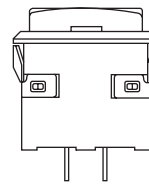
**01** PCB Mounting

Square



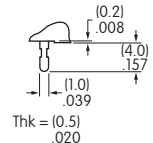
**04** Snap-in Mounting

Square with Built-in Bezel



**W03** Terminals


Silver PC/Turret

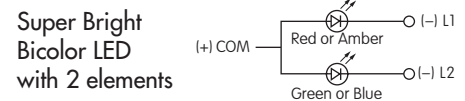
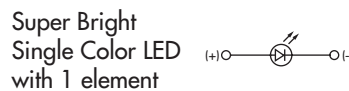
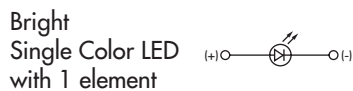


Panel Thickness: .039 ~ .126" (1.0 ~ 3.2mm)

## 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.

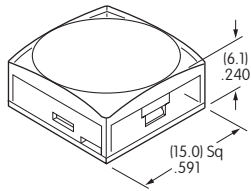
Note for Super Bright:		Bright			Super Bright			Super Bright Bicolor		Unit
		<b>5C</b>	<b>5D</b>	<b>5F</b>	<b>6B</b>	<b>6F</b>	<b>6G</b>	<b>6CF</b>	<b>6DG</b>	
		Red	Amber	Green	White	Green	Blue	Red/Green	Amber/Blue	
Maximum Forward Current	$I_{FM}$	30	30	25	20	30	30	30/25 *Amber 25/22	30/30	mA
Typical 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	$\Delta I_F$	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



\*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

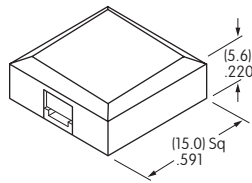


Lens/Diffuser  
Colors  
Available:

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

Material: Polycarbonate  
Finish: Glossy

**2** AT3075  
Beveled

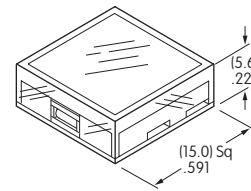


Material: Polycarbonate  
Finish: Glossy

Cap  
Colors  
Available:

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

**3** AT3076  
Flat



Material: Polycarbonate  
Finish: Glossy

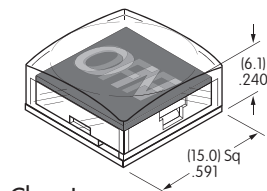
Lens/Diffuser  
Colors  
Available:

- 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

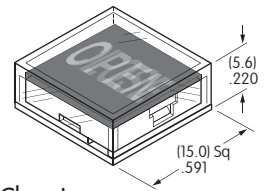
- 4JCF** Red/Green
- 4JDG** Amber/Blue



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

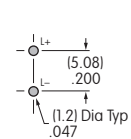
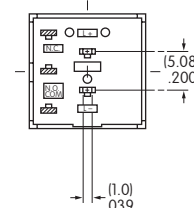
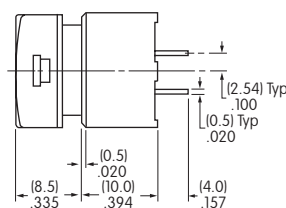
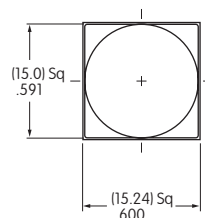
Cap illumination is alternating Green/Red or Blue/Amber; legend text is black. Contact factory for other Alternating Legends.

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.

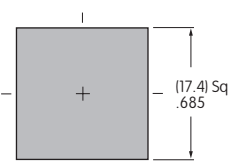
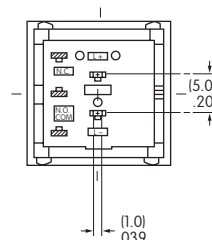
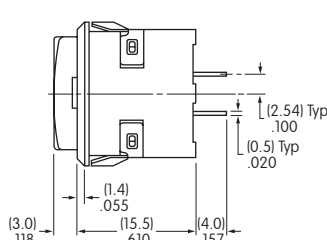
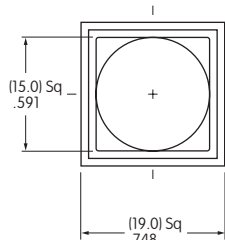
### TYPICAL INDICATOR DIMENSIONS

#### PCB Mount



UB201KW035C-1JC

#### Snap-in Mount



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

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