

### 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

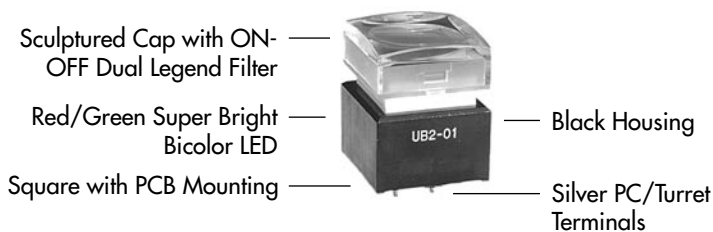
Super Bright LED	
6B	White
6F	Green
6G	Blue

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

#### DESCRIPTION FOR TYPICAL ORDERING EXAMPLE **UB201KW036CF-4J01**



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

## MOUNTING TYPES, SHAPES, & TERMINALS

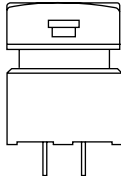
### PCB Mounting

### Snap-in Mounting

### Terminals

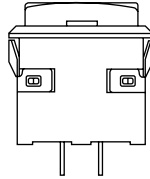
**01**

Square



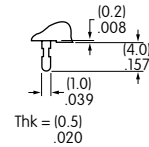
**04**

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: 	Color	Bright			Super Bright			Super Bright	Unit
		<b>5C</b> Red	<b>5D</b> Amber	<b>5F</b> Green	<b>6B</b> White	<b>6F</b> Green	<b>6G</b> Blue	<b>6CF</b> Red/Green	
Forward Peak Current	$I_{FM}$	30	30	25	25	25	25	30/25 Amber 25/22	mA
Continuous Forward Current	$I_F$	20	20	20	20	20	20	20/20	mA
Forward Voltage	$V_F$	1.85	2.0	2.1	3.6	3.5	3.6	2.1/3.5	V
Reverse Peak 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	0.40	0.40	0.40	0.40/0.33	mA/°C
Ambient Temperature Range		-25° ~ +50			-20° ~ +50			-25° ~ +50	°C

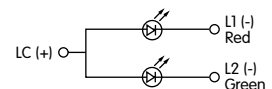
Bright  
Single Color LED  
with 1 element



Super Bright  
Single Color LED  
with 1 element



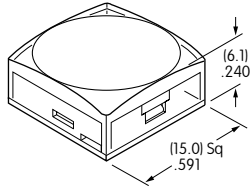
Super Bright  
Bicolor LED  
with 2 elements



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

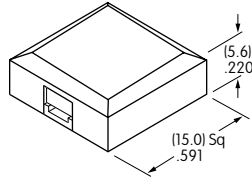


Lens/Diffuser Colors Available:

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

Material: Polycarbonate  
Finish: Glossy

**2** AT3075  
Beveled

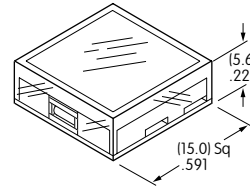


Material: Polycarbonate  
Finish: Glossy

Cap Colors Available:

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

**3** AT3076  
Flat



Material: Polycarbonate  
Finish: Glossy

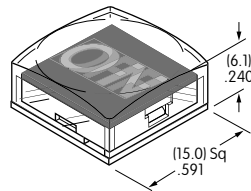
Lens/Diffuser Colors Available:

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

### Alternating Legend Caps for Super Bright Bicolor LED

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

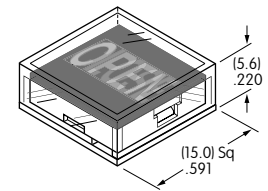
Clear Lens  
Alternating Legend Filter



Material: Polycarbonate

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

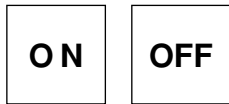
Clear Lens  
Alternating Legend Filter



Finish: Glossy

### Standard Alternating Legend Pairs

**01**



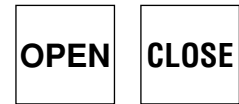
Green Red

**02**



Green Red

**04**



Green Red

Cap illumination is alternating green/red; legend text is black.

Contact factory for other Alternating Legends.

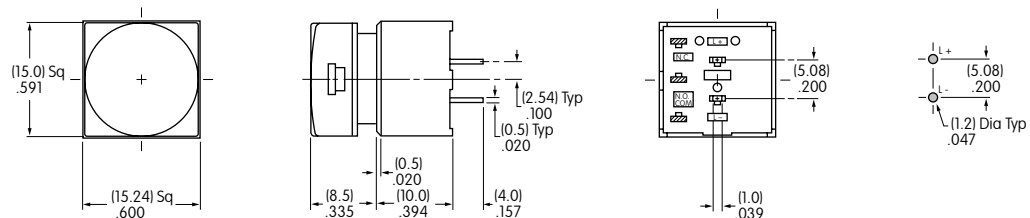
Legend illustrations are approximate representations of the actual characters on the filters.

### TYPICAL INDICATOR DIMENSIONS

#### PCB Mount



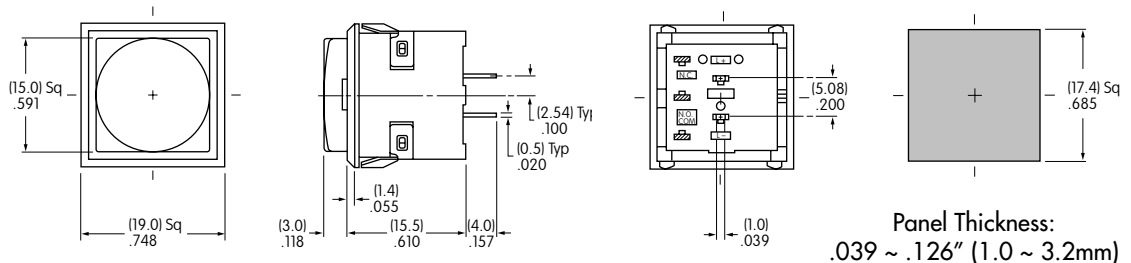
UB201KW035C-1JC



#### Snap-in Mount



UB204KW035C-1JC



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