

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

MOUNTING TYPES, SHAPES, & TERMINALS

PCB Mounting

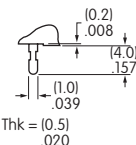
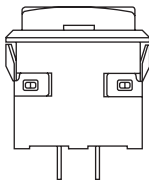
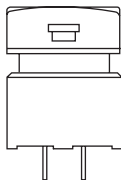
Snap-in Mounting

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: ATTENTION ELECTROSTATIC SENSITIVE DEVICES		Bright			Super Bright			Super Bright	Unit
		5C	5D	5F	6B	6F	6G	6CF	
	Color	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	ΔI _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

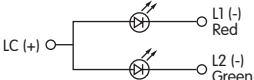
Bright
Single Color LED
with 1 element



Super Bright
Single Color LED
with 1 element



Super Bright
Bicolor LED
with 2 elements



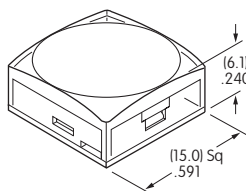
Amber color can be achieved by lighting red and green simultaneously on the bicolor LED (not suitable for Alternating Legends).

CAP TYPES & COLOR COMBINATIONS

1 AT3074 Sculptured

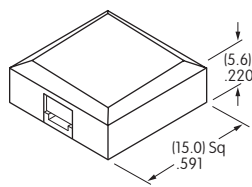
Lens/Diffuser Colors Available:

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



Material: Polycarbonate
Finish: Glossy

2 AT3075 Beveled

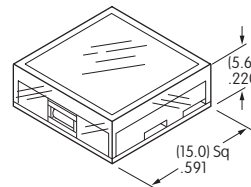


Material: Polycarbonate
Finish: Glossy

Cap Colors Available:

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

3 AT3076 Flat



Material: Polycarbonate
Finish: Glossy

Lens/Diffuser Colors Available:

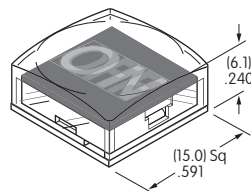
- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

Alternating Legend Caps for Super Bright Bicolor LED

4J AT3069J Sculptured Cap with Alternating Legend

Clear Lens
Alternating Legend Filter

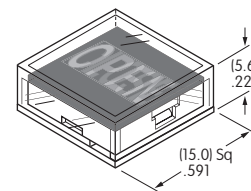
Material: Polycarbonate
Finish: Glossy



5J AT3070J Flat Cap with Alternating Legend

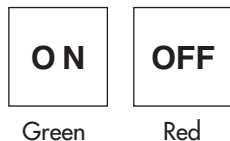
Clear Lens
Alternating Legend Filter

Material: Polycarbonate
Finish: Glossy



Standard Alternating Legend Pairs

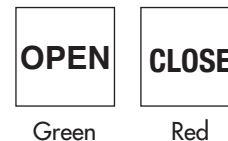
01



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.

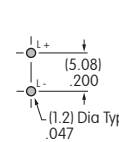
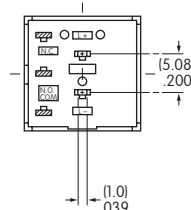
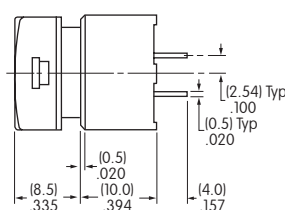
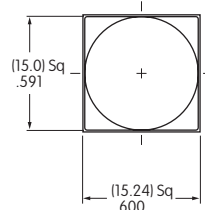
Note: Cap Removal Tool available for PCB Mount. See AT093ABC in Accessories & Hardware section for dimensions and other details.

TYPICAL INDICATOR DIMENSIONS

PCB Mount



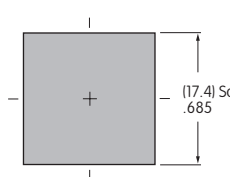
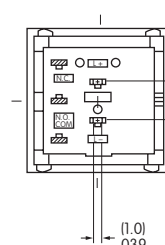
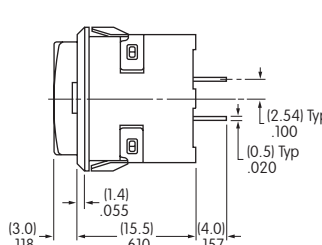
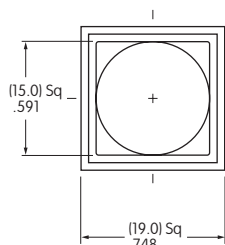
UB201KW035C-1JC



Snap-in Mount



UB204KW035C-1JC



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

NKK Switches:

[UB201KW036F-3JB-RO](#) [UB201KW036G-3JB-RO](#) [UB204KW035C-3JB-RO](#) [UB204KW035D-3JB-RO](#)
[UB204KW035F-3JB-RO](#) [UB204KW036G-1JB-RO](#) [UB201KW035C-1JC-RO](#)