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sales@integrated-circuit.com

UB2 Indicators

Complement to UB2 Pushbuttons

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

Super Bright LED

6B White

6F Green

6G Blue

Super Bright Bicolor LED

6CF Red/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

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

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

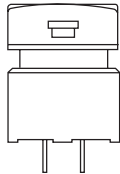
Complement to UB2 Pushbuttons

UB2 Indicators

MOUNTING TYPES, SHAPES, & TERMINALS

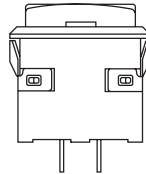
PCB Mounting

01 Square



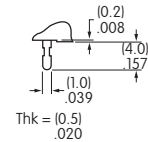
Snap-in Mounting

04 Square with Built-in Bezel



Terminals

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
		5C	5D	5F	6B	6F	6G	6CF	
		Red	Amber	Green	White	Green	Blue	Red/Green	
Forward Peak Current	I_{FM}	30	30	25	20	30	25	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
Reverse Peak 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	0.40	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).

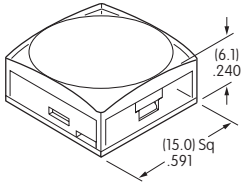
Toggles
 Rockers
 Pushbuttons
 Illuminated PB
 Programmable
 Keylocks
 Rotaries
 Slides
 Tactiles
 Tilt
 Touch
 Indicators
 Accessories
 Supplement

UB2 Indicators

Complement to UB2 Pushbuttons

CAP TYPES & COLOR COMBINATIONS

1 AT3074
Sculptured

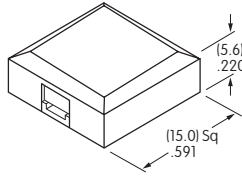


Material: Polycarbonate
Finish: Glossy

Lens/Diffuser Colors Available:

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

2 AT3075
Beveled

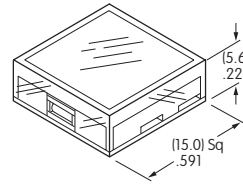


Material: Polycarbonate
Finish: Glossy

Cap Colors Available:

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

3 AT3076
Flat



Material: Polycarbonate
Finish: Glossy

Lens/Diffuser Colors Available:

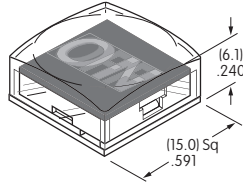
- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

Alternating Legend Caps for Super Bright Bicolor LED

4J AT3069J Sculptured Cap with Alternating Legend

Clear Lens
Alternating Legend Filter

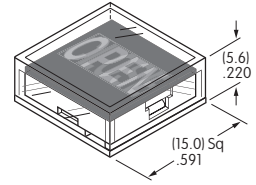
Material: Polycarbonate
Finish: Glossy



5J AT3070J Flat Cap with Alternating Legend

Clear Lens
Alternating Legend Filter

Material: Polycarbonate
Finish: Glossy



Standard Alternating Legend Pairs



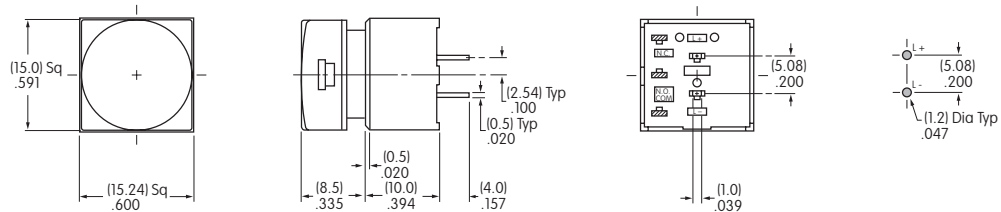
Cap illumination is alternating green/red; legend text is black.
Contact factory for other Alternating Legends.

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.

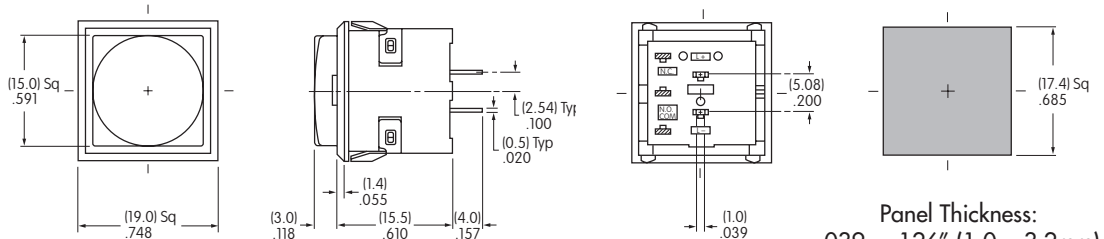
TYPICAL INDICATOR DIMENSIONS

PCB Mount



UB201KW035C-1JC

Snap-in Mount



UB204KW035C-1JC

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