

TYPICAL INDICATOR ORDERING EXAMPLE

UB

01

K

W03

5C

JC

Mounting Types

PCB Mounting

01 Square

03 Rectangular

* Snap-in Mounting

04 Square

06 Rectangular

06B Rectangular with Side Barriers

* Standard with Solder Lug terminals

Housing

K Black

LEDs

Bright LED

5C Red

5D Amber

5F Green

Super Bright LED

6B White

6F Green

6G Blue

Available with Square only

Cap Types & Colors

Full Face Illuminated Cap for Bright LED

Lens/Diffuser Colors

CB Red/White

CC Red/Red

*CJ Red/Clear

DB Amber/White

DD Amber/Amber

*DJ Amber/Clear

FB Green/White

FF Green/Green

*FJ Green/Clear

JB Clear/White

JC Clear/Red

JD Clear/Amber

JF Clear/Green

*JJ Clear/Clear

Full Face Illuminated Cap for Super Bright LED

JB Clear Lens/White Diffuser

For Square only; see cap detail page

Spot Illuminated Cap for Bright & Super Bright LEDs

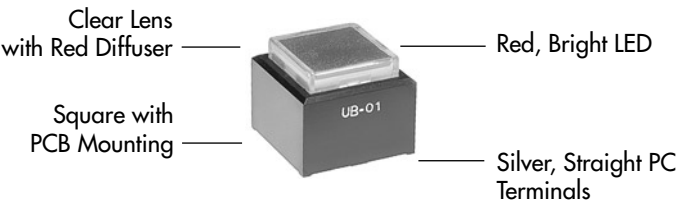
AB Black with White Window

Rectangular available for Bright only

* Wire harness & cable assemblies offered only in Americas

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

UB01KW035C-JC



LED COLORS & SPECIFICATIONS

The electrical specifications shown are determined at a basic temperature of 25°C.
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			Unit
		5C	5D	5F	6B	6F	6G	
	Color	Red	Amber	Green	White	Green	Blue	
Forward Peak Current	I_{FM}	30	30	25	30	30	30	mA
Continuous Forward Current	I_F	20	20	20	20	20	20	mA
Forward Voltage	V_F	1.85	2.0	2.1	3.2	3.2	3.2	V
Reverse Peak Voltage	V_{RM}	5	5	5	5	5	5	V
Current Reduction Rate Above 25°C	ΔI_F	0.40	0.42	0.46	0.40	0.40	0.40	mA/°C
Ambient Temperature Range		-25° ~ +50°C			-25° ~ +50°C			

CAP TYPES & COLOR COMBINATIONS

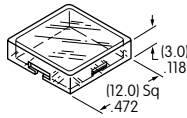
Full Face Illuminated Cap for Bright LED

Lens/Diffuser

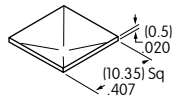
Colors Available for Square Cap:

CB	DJ	JC
CC	FB	JD
CJ	FF	JF
DB	FJ	JJ
DD	JB	

AT4074
Lens



AT4075
Diffuser



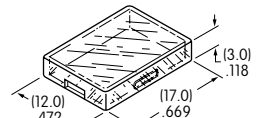
Lens & Diffuser Material: Polycarbonate

Lens/Diffuser

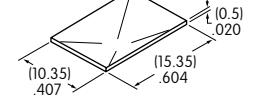
Colors Available for Rectangular Cap:

CB	FB	JD
CC	FF	JF
DB	JB	
DD	JC	

AT4117
Lens



AT4118
Diffuser



Lens Finish: Glossy

Diffuser Finish: Textured

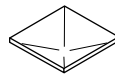
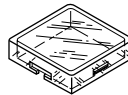
Full Face Illuminated Cap for Super Bright LED

Lens/Diffuser

Colors Available for Square Cap:

JB

AT4074 Lens & AT4075 Diffuser
(Dimensioned above)



Rectangular lens & diffuser are not available for combining with super bright LED.

Lens & Diffuser Material: Polycarbonate

Lens Finish: Glossy

Diffuser Finish: Textured

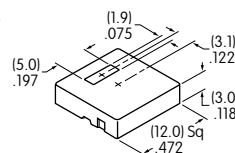
Spot Illuminated Caps

AB

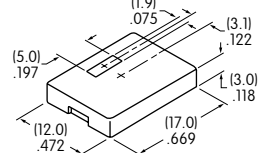
Black Cap with Translucent White Window for LED Display

Material: Polycarbonate
Finish: Matte

AT4119 Square for Bright and Super Bright LED



AT4120 Rectangular for Bright LED



Color Codes:

A Black

B White

C Red

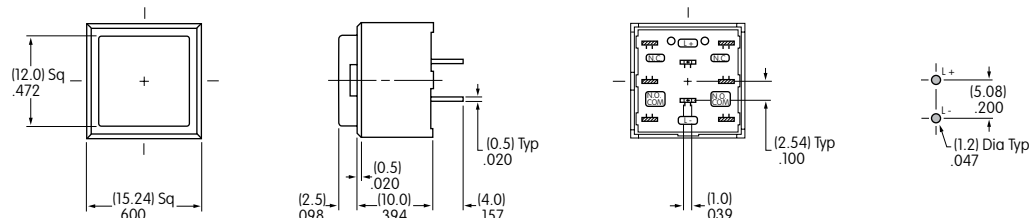
D Amber

F Green

J Clear

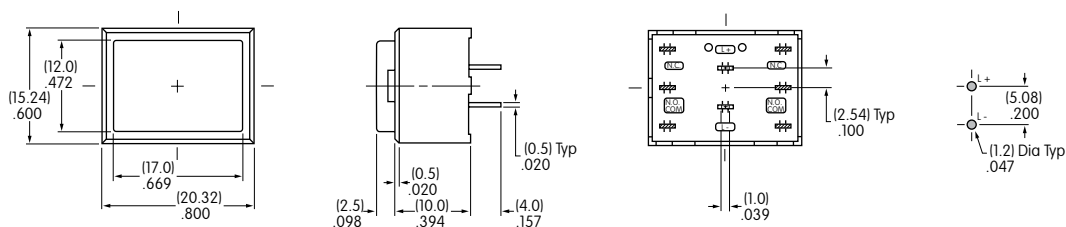
TYPICAL INDICATOR DIMENSIONS

Square • PCB Mount



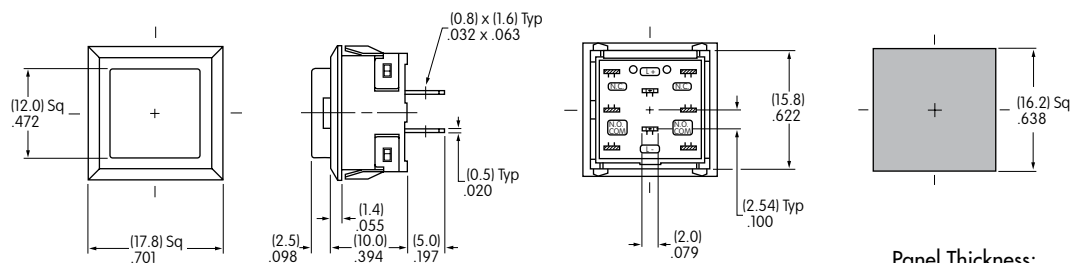
UB01KW035C-JC

Rectangular • PCB Mount



UB03KW035F-FF

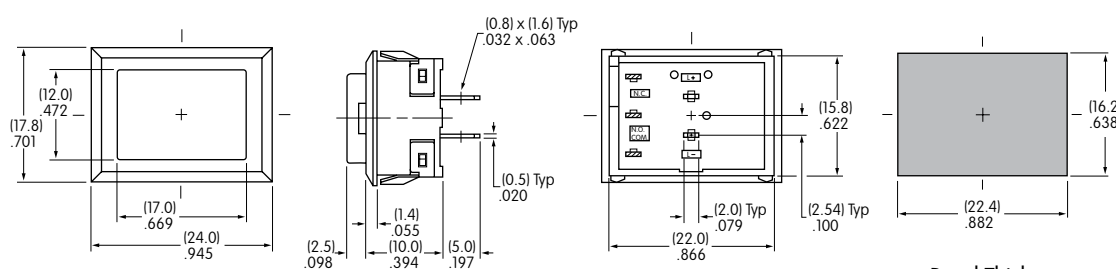
Square • Snap-in Mount • Built-in Bezel



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

UB04KW015C-JC

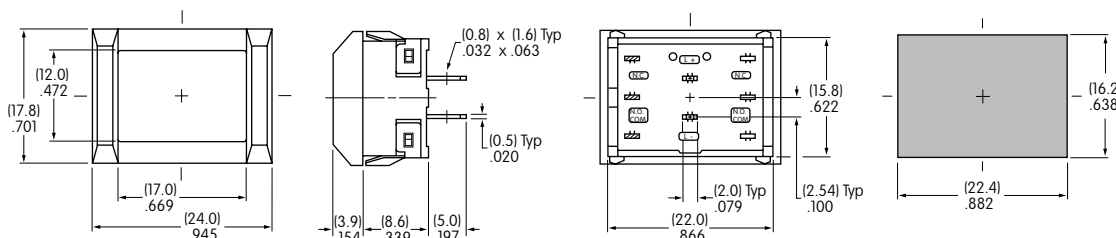
Rectangular • Snap-in Mount • Built-in Bezel



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

UB06KW015D-DD

Rectangular • Snap-in Mount • Built-in Side Barriers



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

UB06BKW015F-FF

Mouser Electronics

Authorized Distributor

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

[NKK Switches:](#)

[UB06KW015F-JB](#) [UB06KW015D-JB](#) [UB06KW015C-JB](#) [UB01KW015C-JB](#)