

TYPICAL INDICATOR ORDERING EXAMPLE

HB

01

K

W01

5C

CB

SHAPES

01	Square
02	Round

HOUSING

K	Black
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TERMINALS

W01	Silver Solder Lug
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DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

HB01KW01-5C-CB

Square Shape

Black Housing

Red Lens and White Diffuser with Red, Bright LED

Silver Solder Lug Terminals

LEDS

Bright	
5C	Red
5D	Amber
5F	Green

Super Bright

6B	White
6F	Green
6G	Blue

CAP TYPES & COLORS

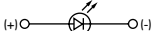
LED Cap: Lens/Diffuser Color	
CB	Red/White
DB	Amber/White
FB	Green/White
JB	Clear/White

LED Cap: Lens/Diffuser Color

JB	Clear/White
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LED COLORS & SPECIFICATIONS

The electrical specifications shown are determined at a basic temperature of 25°C.
 LED circuit is isolated and requires external power source. Single element LED is colored in OFF state.
 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.

Bright AT633		Note for Super Bright: 	Color	Bright			Super Bright			Unit
				5C	5D	5F	6B	6F	6G	
Super Bright				Red	Amber	Green	White	Green	Blue	
AT624G Blue		Forward Peak Current	I _{FM}	30	30	25	30	30	30	mA
AT629B White		Continuous Forward Current	I _F	20	20	20	20	20	20	mA
AT630F Green		Forward Voltage	V _F	1.85	2.0	2.2	3.6	3.5	3.6	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	0.38	0.50	0.50	0.50	mA/°C
	T-1 Bi-pin	Ambient Temperature Range		-25° ~ +50°C			-25° ~ +50°C			

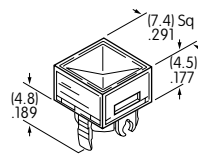
CAP TYPES & COLORS

Colored Cap for Bright LEDs

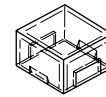
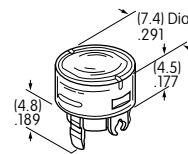
Lens/Diffuser
Colors Available:

- CB** Red/White
- DB** Amber/White
- FB** Green/White

AT4168
Square



AT4169
Round



Transparent Colored Lens



Translucent White Diffuser



Colored LED
AT633

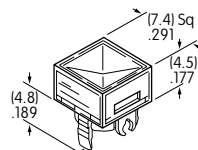
Material: Polycarbonate Finish: Glossy

White Cap for Bright & Super Bright LEDs

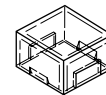
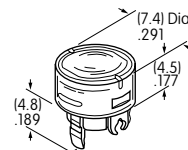
JB Clear Lens/
White Diffuser

Material: Polycarbonate
Finish: Glossy

AT4033
Square



AT4034
Round



Transparent Clear Lens



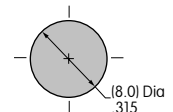
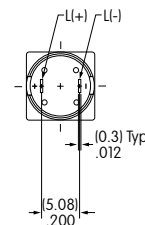
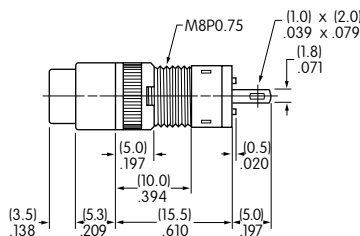
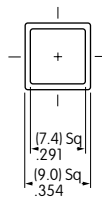
Translucent White Diffuser



Colored LEDs
AT624, AT629,
AT630, or AT633

TYPICAL INDICATOR DIMENSIONS

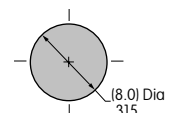
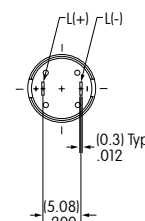
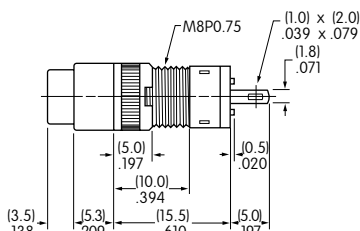
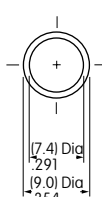
Square



Recommended Panel
Thickness: .020" ~ .197"
(0.5 ~ 5.0mm)

HB01KW01-5C-CB

Round



Recommended Panel
Thickness: .020" ~ .197"
(0.5 ~ 5.0mm)

HB02KW01-5C-CB