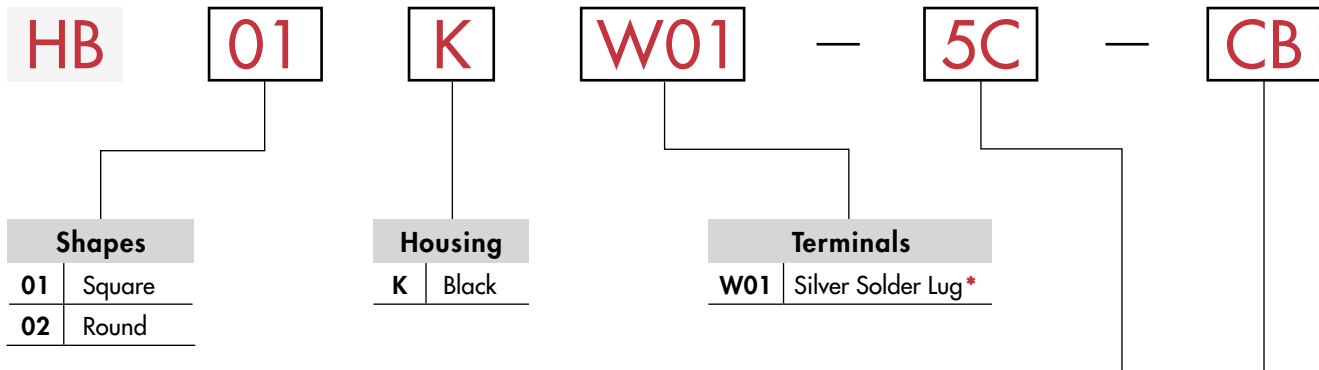


TYPICAL INDICATOR ORDERING EXAMPLE



* Wire harness & cable assemblies offered only in Americas

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

HB01KW01-5C-CB



Bright		LED Cap: Lens/Diffuser Color	
5C	Red	CB	Red/White
5D	Amber	DB	Amber/White
5F	Green	FB	Green/White
		JB	Clear/White
Super Bright		LED Cap: Lens/Diffuser Color	
6B	White	JB	Clear/White
6F	Green		
6G	Blue		

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	Super Bright AT624G Blue	Super Bright AT629B White	Super Bright AT630F Green	T-1 Bi-pin	Note for Super Bright: Color	Bright			Super Bright			Unit	
						5C	5D	5F	6B	6F	6G		
						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	2.2	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
					Ambient Temperature Range		-25° ~ +50°C			-25° ~ +50°C			

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

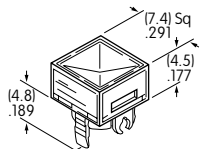
CAP TYPES & COLORS

Colored Cap for Bright LEDs

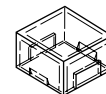
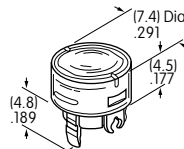
Lens/Diffuser
Colors Available:

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

AT4168
Square



AT4169
Round



Transparent Colored Lens



Translucent White Diffuser



Colored LED AT633

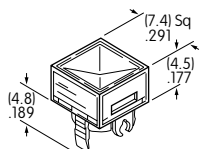
Material: Polycarbonate Finish: Glossy

White Cap for Bright & Super Bright LEDs

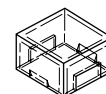
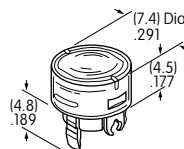
JB Clear Lens/
White Diffuser

Material: Polycarbonate
Finish: Glossy

AT4033
Square



AT4034
Round



Transparent Clear Lens



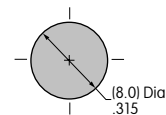
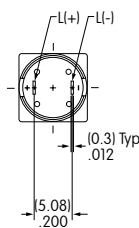
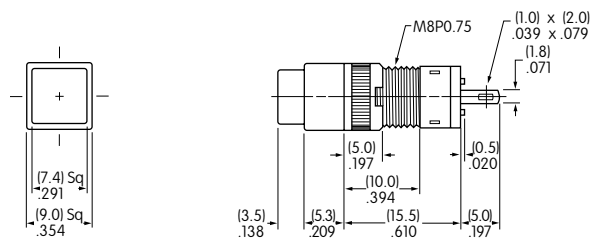
Translucent White Diffuser



Colored LEDs AT624, AT629, AT630, or AT633

TYPICAL INDICATOR DIMENSIONS

Square

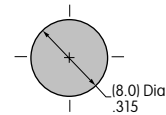
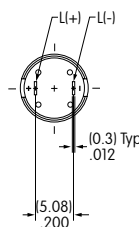
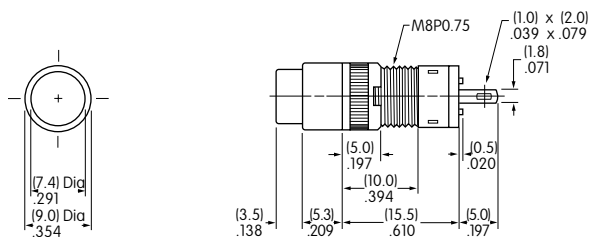


Recommended Panel Thickness: .020" ~ .197" (0.5 ~ 5.0mm)



HB01KW01-5C-CB

Round



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



HB02KW01-5C-CB