

TYPICAL INDICATOR ORDERING EXAMPLE

LB 01 G W01 — 5C 12 — JC

Shapes

01	Square
02	Round
03	Rectangular

Housing

K	Black
G	Gray

Terminals

W01	Silver Solder Lug/ Quick Connect Terminals*
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Lamps

Incandescent Lamp Used with Solid Cap

05	5-volt
12	12-volt

Incandescent or Neon Used with Insert Cap

01	110-volt Neon
05	5-volt Incandescent
12	12-volt Incandescent

Bright LED Used with LED Cap

Colors	Resistor
5C Red	No Code No Resistor
5D Amber	05 5-volt
	12 12-volt
5F Green	24 24-volt

Super Bright LED Used with LED Cap

6B	White
6F	Green
6G	Blue

Cap Types & Colors

Solid Cap: Lens/Filter Colors

BJ	White/Clear
CJ	Red/Clear
EJ	Yellow/Clear
FJ	Green/Clear
GJ	Blue/Clear

Insert Cap: Lens/Filter Colors

JB	Clear/White
JC	Clear/Red
JE	Clear/Yellow
*JF	Clear/Green
*JG	Clear/Blue

*JF & JG not suitable with neon.

LED Cap: Lens/Diffuser Colors

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

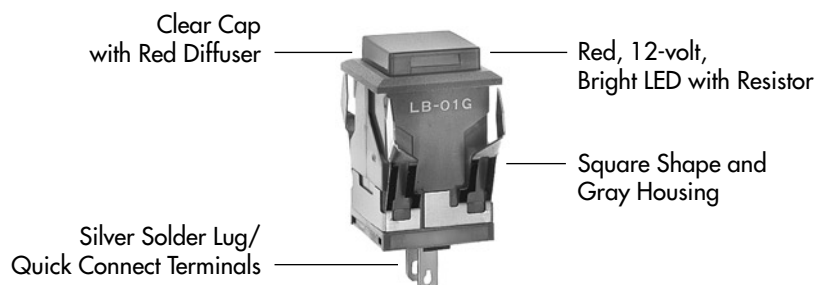
LED Cap: Lens/Diffuser Colors

JB	Clear/White
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* Wire harness & cable assemblies offered only in Americas

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

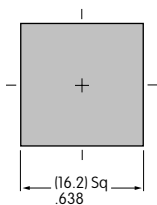
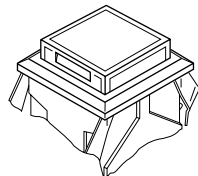
LB01GW01-5C12-JC



SHAPES & PANEL CUTOUTS

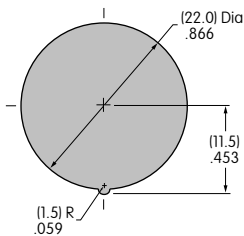
01

.622" (15.8mm)
Square



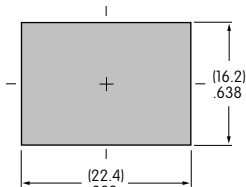
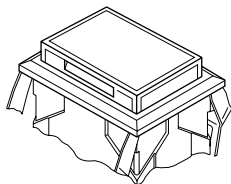
02

.854" (21.7mm)
Round



03

.622" x .866" (15.8mm x 22.0mm)
Rectangular



Panel Thickness: .039" ~ .157" (1.0 ~ 4.0mm)

HOUSING

Housing Colors Available:

K

Black

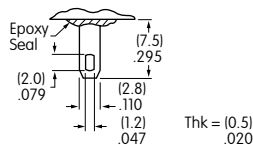
G

Gray

TERMINALS

W01

Silver Solder Lug/.110" (2.8mm) Quick Connect



LAMP CODES & SPECIFICATIONS

Incandescent Lamp for Solid Colored and Colored Insert Caps

AT607  T-1 Bi-pin		05	12	
	Voltage	V	5V AC	12V AC
	Current	I	115mA	60mA
	Endurance	Hours	10,000 average	
	Ambient Temp. Range		-25°C ~ +50°C	

Neon Lamp for Colored Insert Cap

AT607N  T-1 Bi-pin		01	
	Voltage	V	110V AC
	Current	I	1.5mA
	Endurance	Hours	10,000 average
	Ambient Temp. Range		-25°C ~ +50°C
	Recommended Resistors: 33K ohms for 110V AC; 100K ohms for 220V AC		

The electrical specifications shown are determined at a basic temperature of 25°C.

LED COLORS & SPECIFICATIONS

The electrical specifications shown are determined at a basic temperature of 25°C. Polarity marks are on 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.

Additional lamp detail is shown in the Accessories & Hardware section.

Bright LED without Resistor

AT635

LEDs are colored in OFF state.





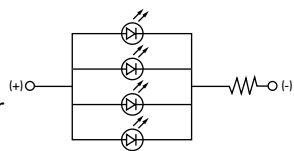
T-1½ Bi-pin

	Red	Amber	Green	No Code No Resistor		
Color Codes	5C	5D	5F	Red	Amber	Green
Forward Peak Current	I _{FM}			30mA	30mA	30mA
Continuous Forward Current	I _F			20mA	20mA	20mA
Forward Voltage	V _F			1.9V	2.0V	2.1V
Reverse Peak Voltage	V _{RM}			5V	5V	5V
Current Reduction Rate Above 25°C	ΔI _F			0.42mA/°C	0.42mA/°C	0.42mA/°C
Ambient Temperature Range				-25° ~ +50°C		

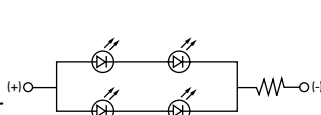
Bright LED with Resistor

AT627 with Resistor  T-1 Bi-pin		Red	Amber	Green	Resistor Codes		
	Color Codes:	5C	5D	5F	05	12	24
	Forward Peak Current	I_{FM}			—	—	—
	Continuous Forward Current	I_F			52mA	26mA	13mA
	Forward Voltage	V_F			5V	12V	24V
	Reverse Peak Voltage	V_{RM}			4V	8V	16V
	Current Reduction Rate Above 25°C	ΔI_F			0.50mA/°C		
	Ambient Temperature Range				-25° ~ +50°C		

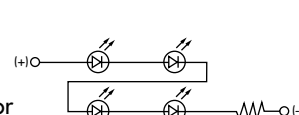
AT627
5-volt
4-element
with Resistor



AT627
12-volt
4-element
with Resistor



AT627
24-volt
4-element
with Resistor



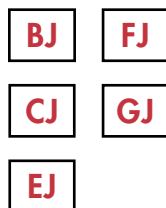
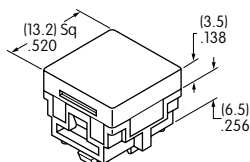
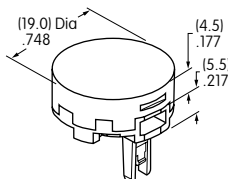
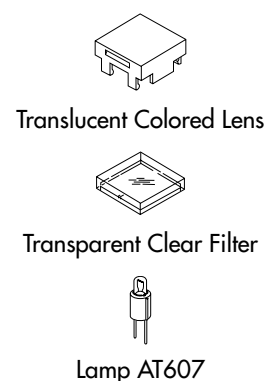
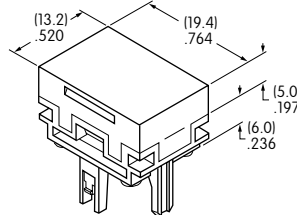
Super Bright Single Element LED

AT625G Blue AT631B White AT632F Green	  T-1 Bi-pin				Color	White	Green	Blue
		6B	6F	6G				
		Forward Peak Current	I_{FM}			30mA	30mA	30mA
		Continuous Forward Current	I_F			20mA	20mA	20mA
		Forward Voltage	V_F			3.6V	3.5V	3.6V
		Reverse Peak Voltage	V_{RM}			5V	5V	5V
		Current Reduction Rate Above 25°C	ΔI_F			0.50mA/°C		
		Ambient Temperature Range				-25° ~ +50°C		

CAP TYPES & COLOR COMBINATIONS

Color Codes: B White C Red D Amber E Yellow F Green G Blue J Clear

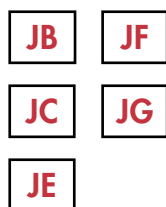
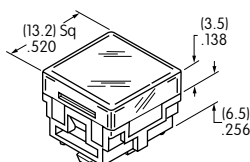
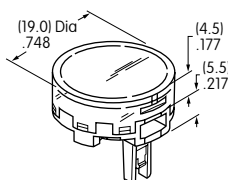
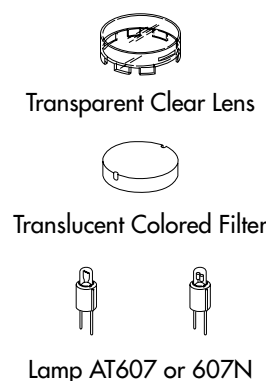
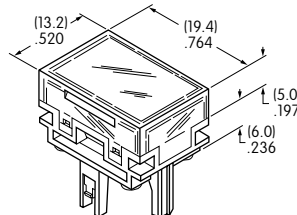
Solid Cap for Incandescent Lamp

Lens/Filter
Colors Available:**AT476**
Square**AT4012**
Round**AT4026**
Rectangular

Material: Polycarbonate Finish: Glossy

Lamp AT607

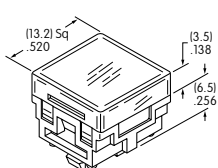
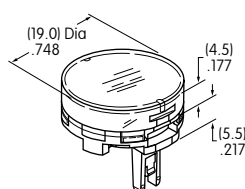
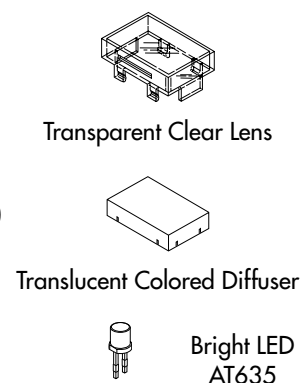
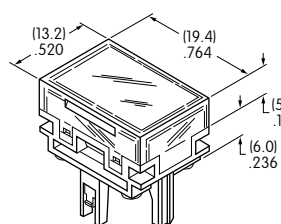
Insert Cap for Incandescent or Neon Lamp

Lens/Filter
Colors Available:**AT477**
Square**AT4013**
Round**AT4027**
RectangularJF and JG not suitable
with neon lamp.

Material: Polycarbonate Finish: Glossy

Lamp AT607 or 607N

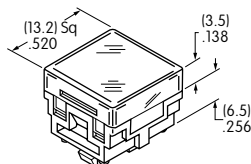
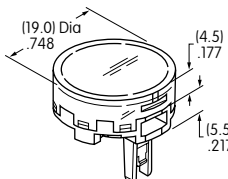
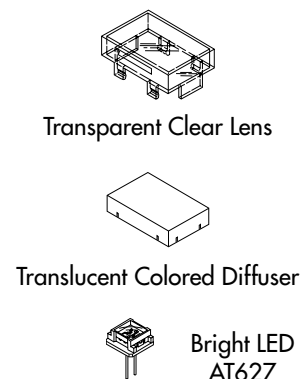
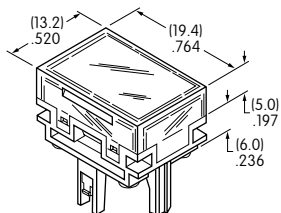
Cap for Bright LED without Resistor

Lens/Diffuser
Colors Available:**AT4176**
Square**AT4178**
Round**AT4177**
Rectangular

Material: Polycarbonate Finish: Glossy

Bright LED
AT635

Cap for Bright LED with Resistor

Lens/Diffuser
Colors Available:**AT4162**
Square**AT4164**
Round**AT4163**
Rectangular

Material: Polycarbonate Finish: Glossy

Bright LED
AT627

CAP TYPES & COLOR COMBINATIONS

Cap for Super Bright LEDs

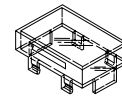


**Clear Lens
White Diffuser**

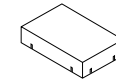
**AT4129
Square**

**AT4128
Round**

**AT4130
Rectangular**



**Transparent
Clear Lens**

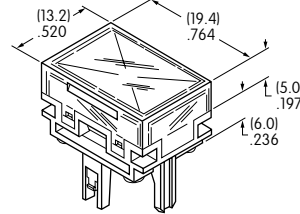
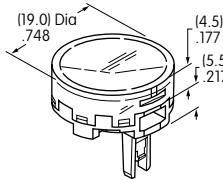
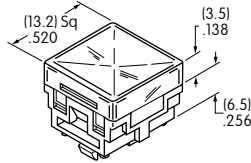


**Translucent
White Diffuser**



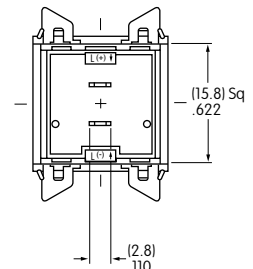
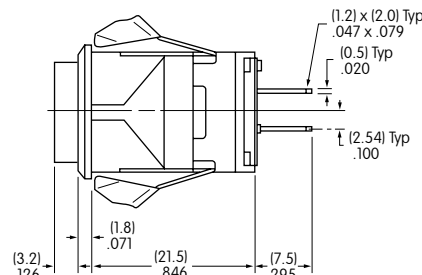
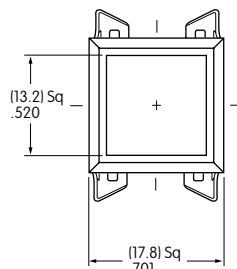
**LEDs AT625
AT631 AT632**

Material:
Polycarbonate
Finish: Glossy



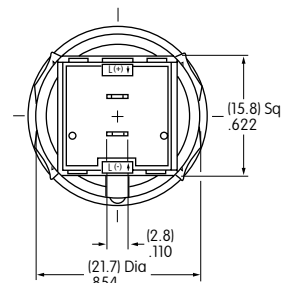
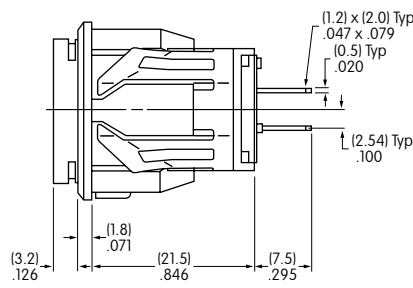
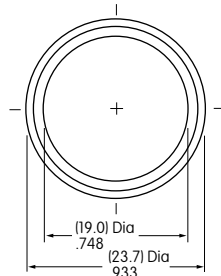
TYPICAL INDICATOR DIMENSIONS

Square



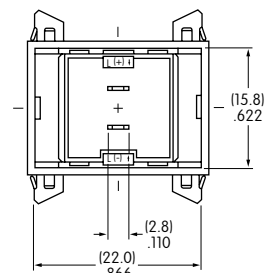
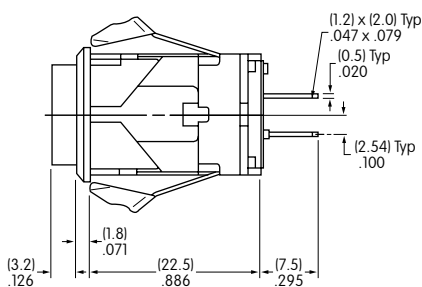
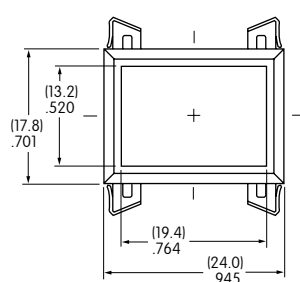
LB01KW01-12-CJ

Round



LB02KW01-12-CJ

Rectangular



LB03KW01-12-CJ

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