

TYPICAL INDICATOR ORDERING EXAMPLE

LB **01** **G** **W01** — **5C12** — **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 w/ 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

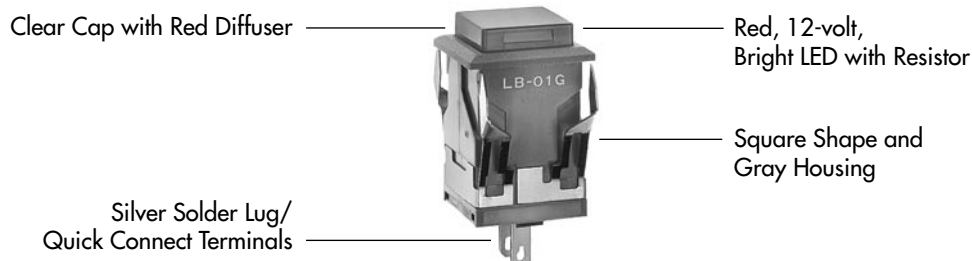
JB	Clear/White
JC	Clear/Red
JD	Clear/Amber
JF	Clear/Green

LED Cap: Lens/Diffuser Colors

JB	Clear/White
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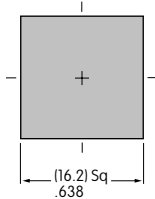
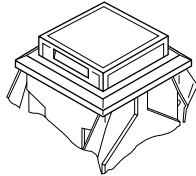
DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

LB01GW01-5C12-JC

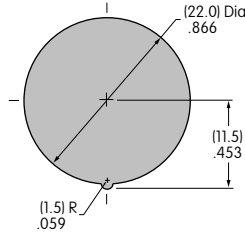


SHAPES & PANEL CUTOUTS

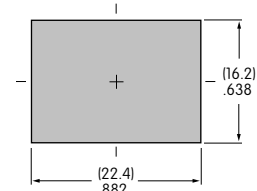
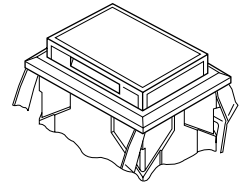
01 .622" (15.8mm)
Square



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:



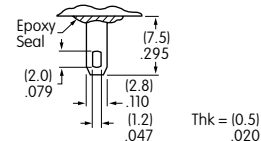
Black



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	7,000 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.

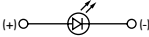
LED COLORS & SPECIFICATIONS

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.

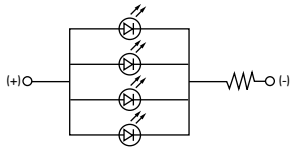
The resistor value can be calculated by using the formula in the Supplement section.

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

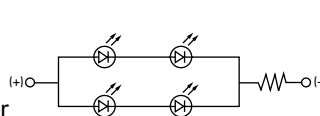
Bright LED without Resistor						
AT635 LEDs are colored in OFF state.   T-1 1/2 Bi-pin	Red Amber Green Color Codes 5C 5D 5F			No Code No Resistor Red Amber Green		
	Forward Peak Current			I_{FM}	30mA	30mA
	Continuous Forward Current			I_F	20mA	20mA
	Forward Voltage			V_F	1.9V	2.0V
	Reverse Peak Voltage			V_{RM}	5V	5V
	Current Reduction Rate Above 25°C			ΔI_F	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 Color Codes: 5C 5D 5F			Resistor Codes 05 12 24		
	Forward Peak Current			I_{FM}	—	—
	Continuous Forward Current			I_F	52mA	26mA
	Forward Voltage			V_F	5V	12V
	Reverse Peak Voltage			V_{RM}	4V	8V
	Current Reduction Rate Above 25°C			ΔI_F	0.50mA/°C	
	Ambient Temperature Range				-25° ~ +50°C	

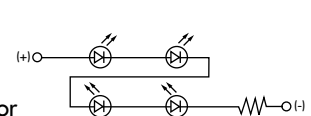
AT627
5-volt
4-element
with Resistor



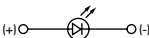
AT627
12-volt
4-element
with Resistor



AT627
24-volt
4-element
with Resistor



Super Bright Single Element LED

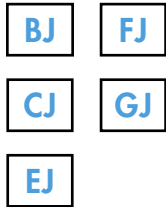
AT625G Blue AT631B White AT632F Green   T-1 Bi-pin				6B 6F 6G White Green Blue		
	Forward Peak Current			I_{FM}	30mA	30mA
	Continuous Forward Current			I_F	20mA	20mA
	Forward Voltage			V_F	3.6V	3.5V
	Reverse Peak Voltage			V_{RM}	5V	5V
	Current Reduction Rate Above 25°C			ΔI_F	0.50mA/°C	
	Ambient Temperature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

CAP TYPES & COLOR COMBINATIONS

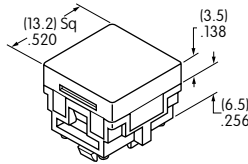
Color Codes: B White C Red D Amber E Yellow F Green G Blue J Clear

Solid Cap for Incandescent Lamp

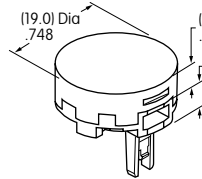
Lens/Filter
Colors Available:



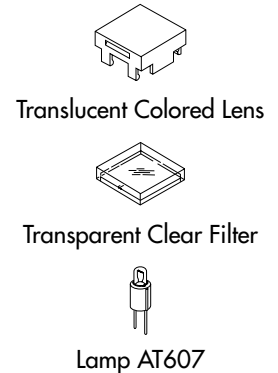
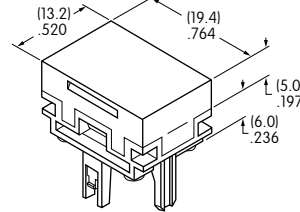
AT476
Square



AT4012
Round



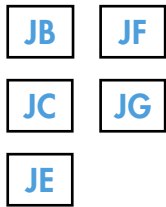
AT4026
Rectangular



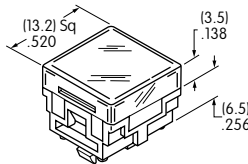
Material: Polycarbonate Finish: Glossy

Insert Cap for Incandescent or Neon Lamp

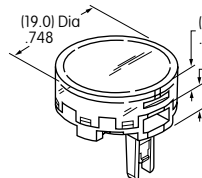
Lens/Filter
Colors Available:



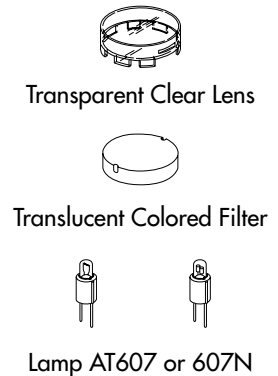
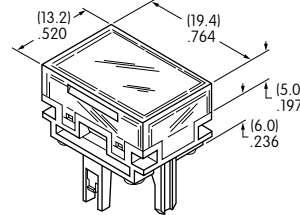
AT477
Square



AT4013
Round



AT4027
Rectangular



JF and JG not suitable
with neon lamp.

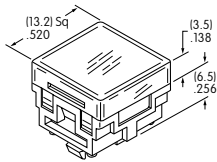
Material: Polycarbonate Finish: Glossy

Cap for Bright LED without Resistor

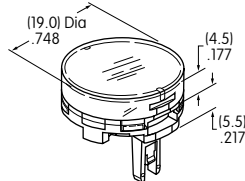
Lens/Diffuser
Colors Available:



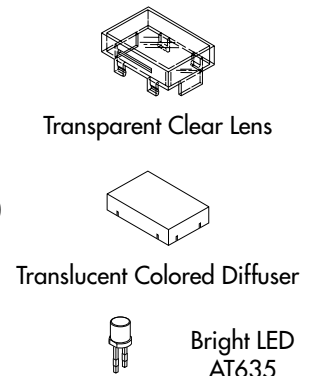
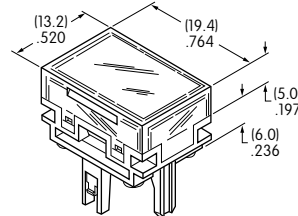
AT4176
Square



AT4178
Round



AT4177
Rectangular



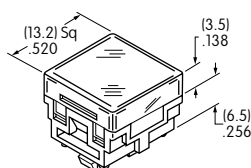
Material: Polycarbonate Finish: Glossy

Cap for Bright LED with Resistor

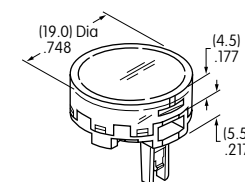
Lens/Diffuser
Colors Available:



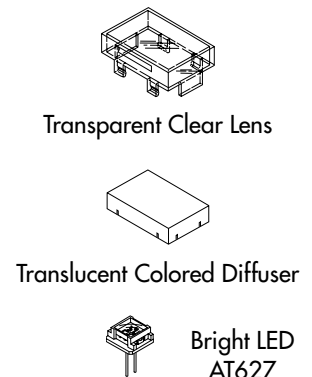
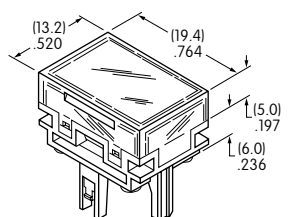
AT4162
Square



AT4164
Round



AT4163
Rectangular



Material: Polycarbonate Finish: Glossy

CAP TYPES & COLOR COMBINATIONS

Cap for Super Bright LEDs

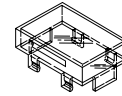


Clear Lens
White Diffuser

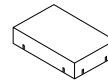
AT4129
Square

AT4128
Round

AT4130
Rectangular



Transparent
Clear Lens

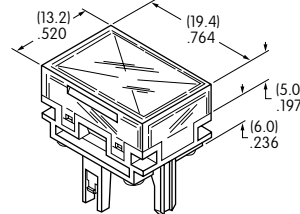
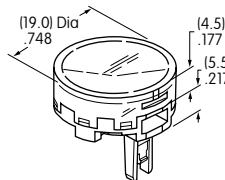
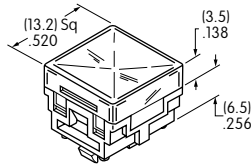


Translucent
White Diffuser



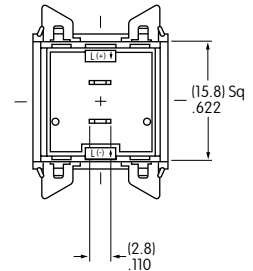
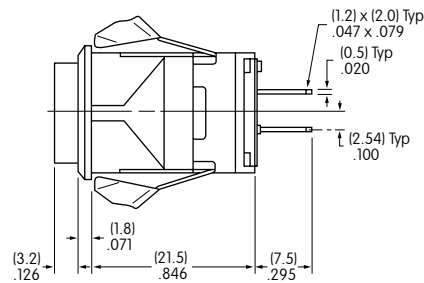
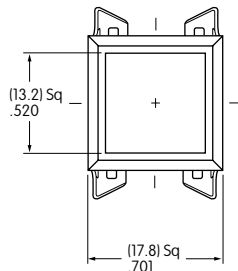
LEDs AT625
AT631 AT632

Material:
Polycarbonate
Finish: Glossy



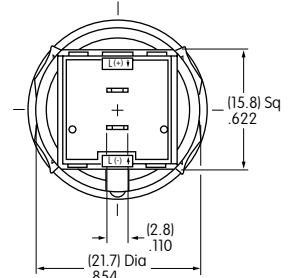
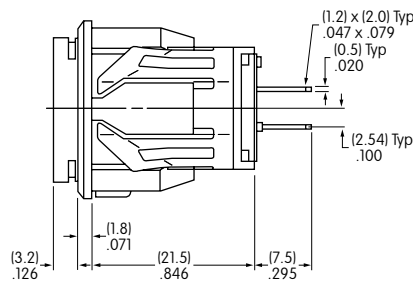
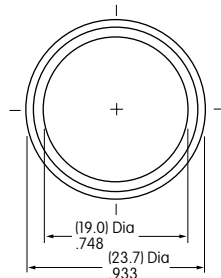
TYPICAL INDICATOR DIMENSIONS

Square



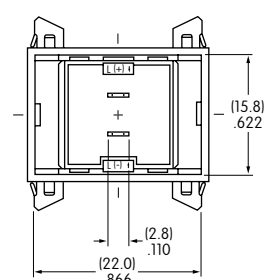
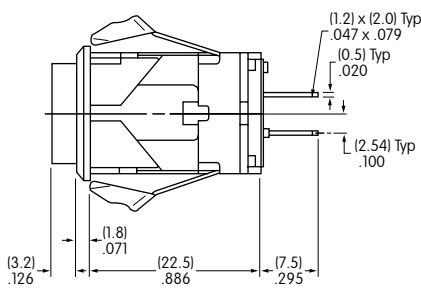
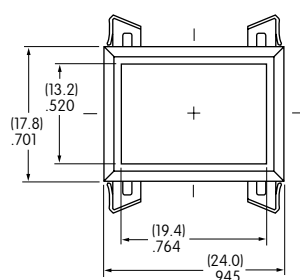
LB01KW01-12-CJ

Round



LB02KW01-12-CJ

Rectangular



LB03KW01-12-CJ