

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

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

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

LB01GW01-5C12-JC

Clear Cap with Red Diffuser

Red, 12-volt, Bright LED with Resistor

Square Shape and
Gray Housing

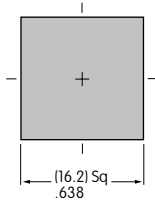
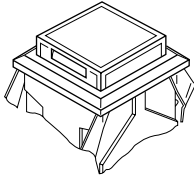
Silver Solder Lug/Quick Connect
Terminals



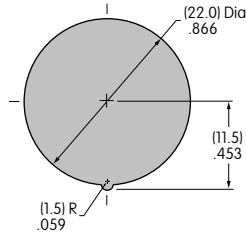
SHAPES & PANEL CUTOUTS

01

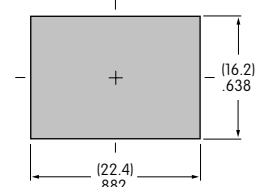
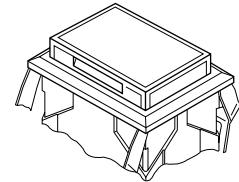
**.622" (15.8mm)
Square**


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



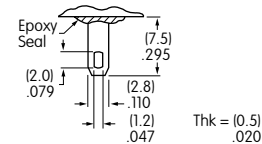
Gray

TERMINALS

W01

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

The .047" x .079" (1mm x 2mm) oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.



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	

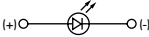
Neon Lamp for Colored Insert Cap

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.

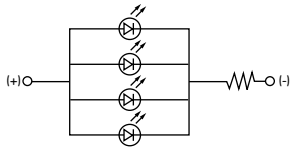
LED COLORS & SPECIFICATIONS

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.

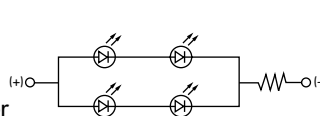
Bright LED without Resistor						
AT635 LEDs are colored in OFF state.   T-1 1/2 Bi-pin	Red Amber Green 5C 5D 5F			No Code No Resistor Red Amber Green		
	Color Codes			Red	Amber	Green
	Forward Peak Current			30mA	30mA	30mA
	Continuous Forward Current			20mA	20mA	20mA
	Forward Voltage			1.9V	2.0V	2.1V
	Reverse Peak Voltage			5V	5V	5V
	Current Reduction Rate Above 25°C			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 5C 5D 5F			Resistor Codes 05 12 24		
	Color Codes:			Red	Amber	Green
	Forward Peak Current			—	—	—
	Continuous Forward Current			52mA	26mA	13mA
	Forward Voltage			5V	12V	24V
	Reverse Peak Voltage			4V	8V	16V
	Current Reduction Rate Above 25°C			0.50mA/°C		
	Ambient Temperature Range			-25° ~ +50°C		

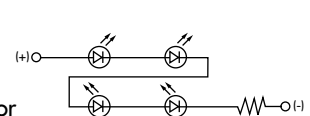
AT627
5-volt
4-element
with Resistor

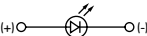


AT627
12-volt
4-element
with Resistor



AT627
24-volt
4-element
with Resistor



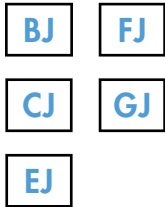
Super Bright Single Element LED					
AT625G Blue AT631B White AT632F Green   T-1 Bi-pin	 Attention Electrostatic Sensitive Devices	Color	6B White	6F Green	6G Blue
	Forward Peak Current	I_{FM}	30mA	30mA	30mA
	Continuous Forward Current	I_F	20mA	20mA	20mA
	Forward Voltage	V_F	3.6V	3.5V	3.6V
	Reverse Peak 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

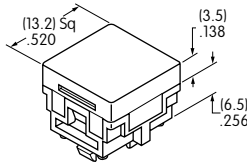
Color Codes: B White C Red D Amber E Yellow F Green G Blue J Clear

Solid Cap for Incandescent Lamp

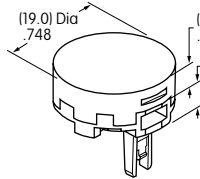
Lens/Filter
Colors Available:



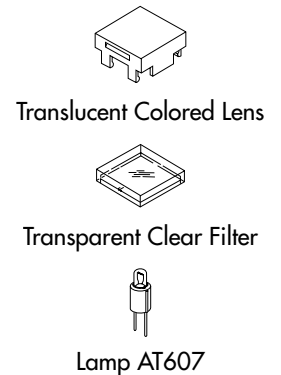
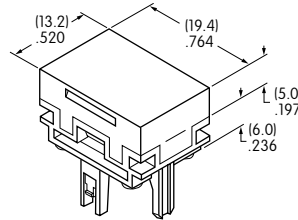
AT476
Square



AT4012
Round



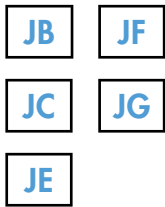
AT4026
Rectangular



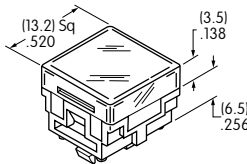
Material: Polycarbonate Finish: Glossy

Insert Cap for Incandescent or Neon Lamp

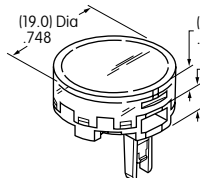
Lens/Filter
Colors Available:



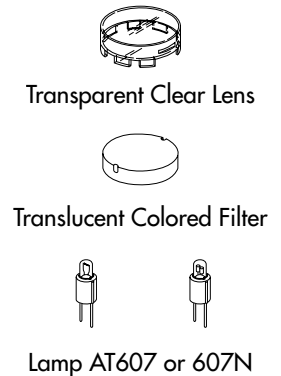
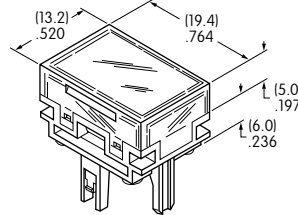
AT477
Square



AT4013
Round



AT4027
Rectangular



JF and JG not suitable
with neon lamp.

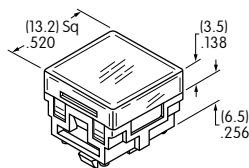
Material: Polycarbonate Finish: Glossy

Cap for Bright LED without Resistor

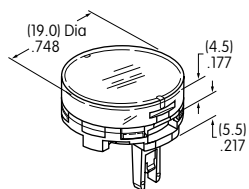
Lens/Diffuser
Colors Available:



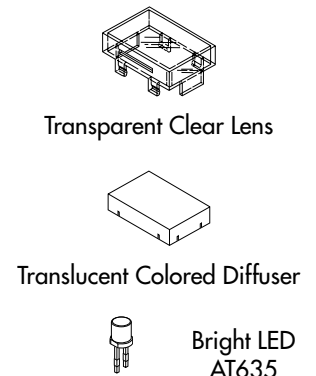
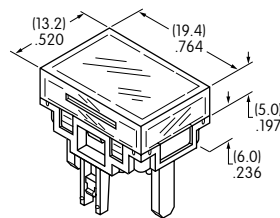
AT4176
Square



AT4178
Round



AT4177
Rectangular



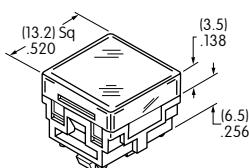
Material: Polycarbonate Finish: Glossy

Cap for Bright LED with Resistor

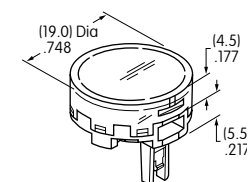
Lens/Diffuser
Colors Available:



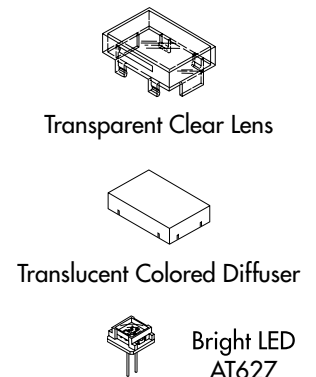
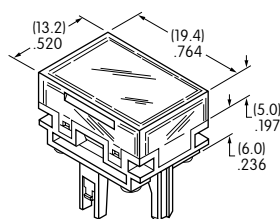
AT4162
Square



AT4164
Round



AT4163
Rectangular



Material: Polycarbonate Finish: Glossy

CAP TYPES & COLOR COMBINATIONS

Cap for Super Bright LEDs

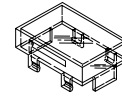


Clear Lens
White Diffuser

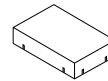
AT4129
Square

AT4128
Round

AT4130
Rectangular



Transparent
Clear Lens

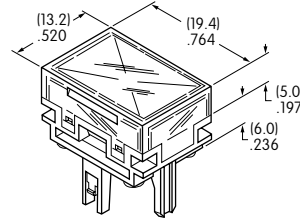
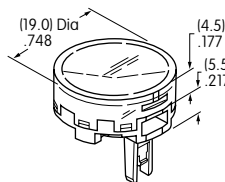
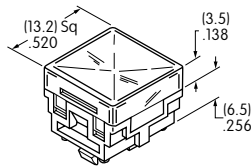


Translucent
White Diffuser



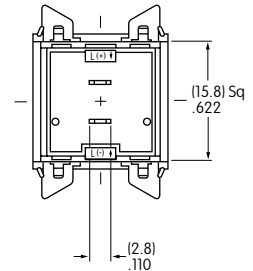
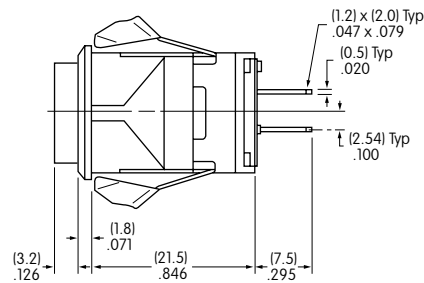
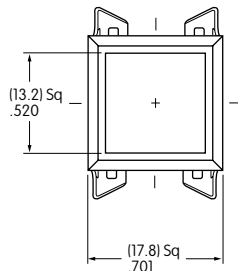
LEDs AT625
AT631 AT632

Material:
Polycarbonate
Finish: Glossy



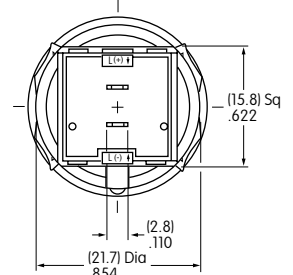
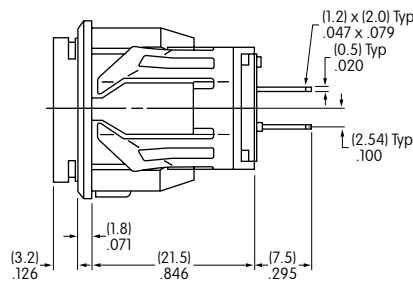
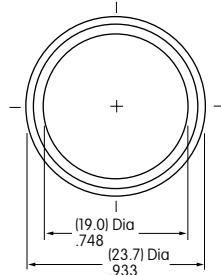
TYPICAL INDICATOR DIMENSIONS

Square



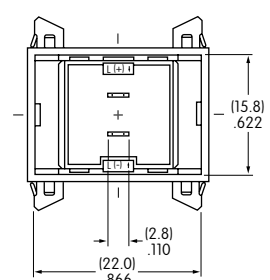
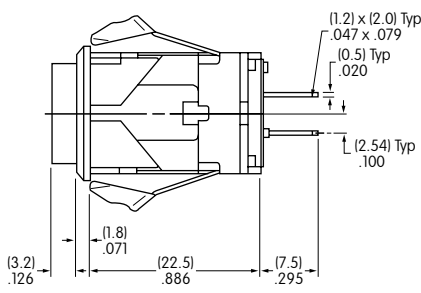
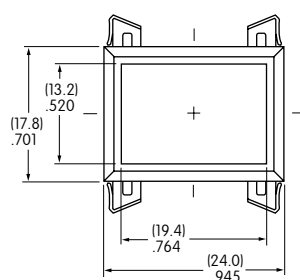
LB01KW01-12-CJ

Round



LB02KW01-12-CJ

Rectangular



LB03KW01-12-CJ