

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

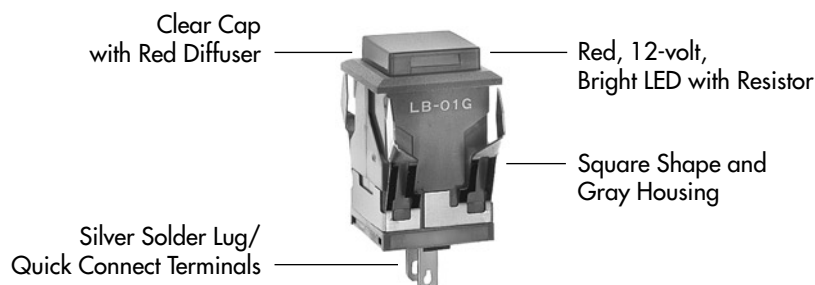
LED Cap: Lens/Diffuser Colors

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

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

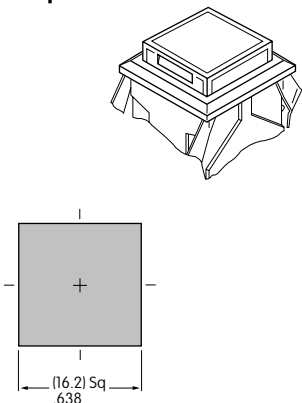
LB01GW01-5C12-JC



SHAPES & PANEL CUTOUTS

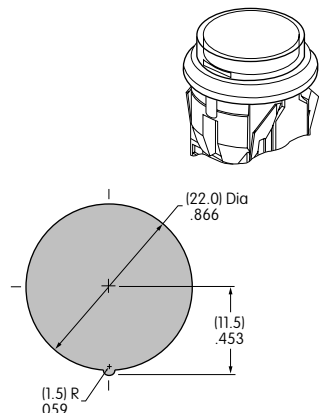
01

.622" (15.8mm)
Square



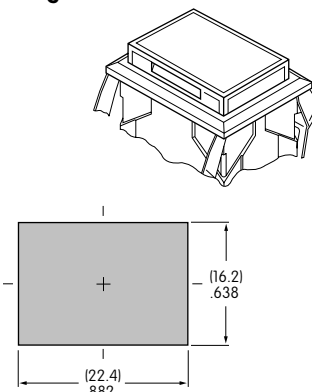
02

.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

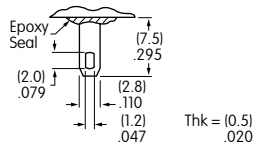
Black

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.

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

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.





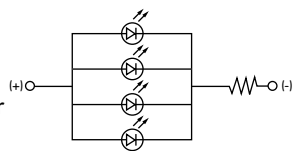
T-1½ Bi-pin

	Red	Amber	Green	No Resistor		
Color Codes	5C	5D	5F	No Code		
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		

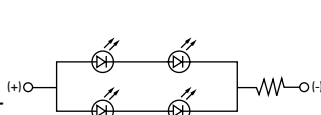
Bright LED with Resistor

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			

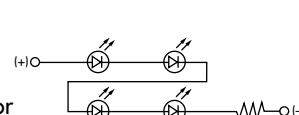
AT627
5-volt
4-element
with Resistor



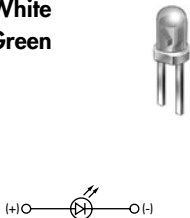
AT627
12-volt
4-element
with Resistor



AT627
24-volt
4-element
with Resistor



Super Bright Single Element LED

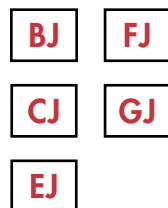
AT625G Blue AT631B White AT632F Green		ATTENTION ELECTROSTATIC SENSITIVE DEVICES	Color	6B White	6F Green	6G Blue	
			Forward Peak Current	I_{FM}	30mA	30mA	30mA
			Continuous Forward Current	I_F	20mA	20mA	20mA
			Forward Voltage	V_F	3.6V	3.5V	3.6V
			Reverse Peak Voltage	V_{RM}	5V	5V	5V
			Current Reduction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

CAP TYPES & COLOR COMBINATIONS

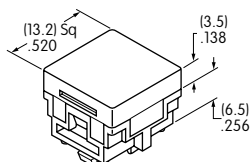
Color Codes: B White C Red D Amber E Yellow F Green G Blue J Clear

Solid Cap for Incandescent Lamp

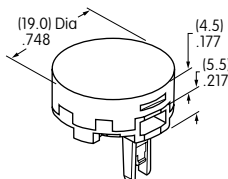
Lens/Filter
Colors Available:



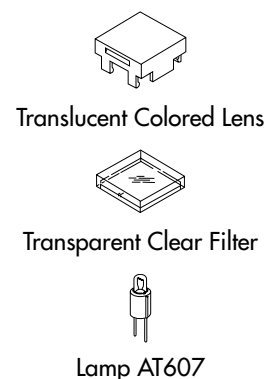
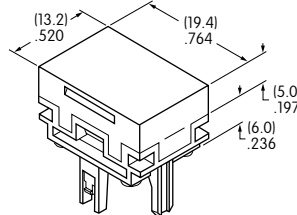
AT476
Square



AT4012
Round



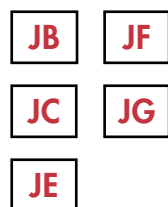
AT4026
Rectangular



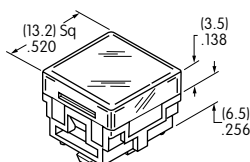
Material: Polycarbonate Finish: Glossy

Insert Cap for Incandescent or Neon Lamp

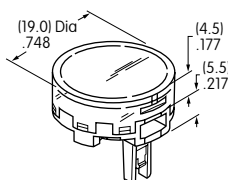
Lens/Filter
Colors Available:



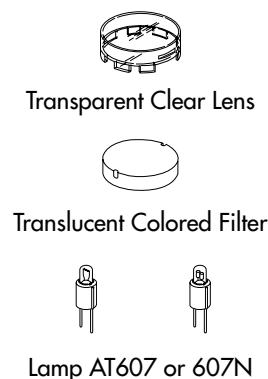
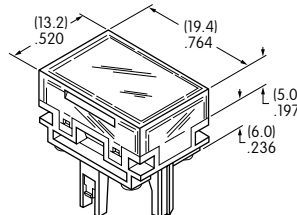
AT477
Square



AT4013
Round



AT4027
Rectangular



JF and JG not suitable with neon lamp.

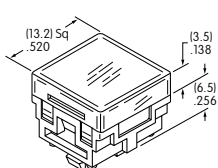
Material: Polycarbonate Finish: Glossy

Cap for Bright LED without Resistor

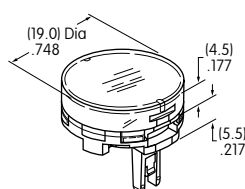
Lens/Diffuser
Colors Available:



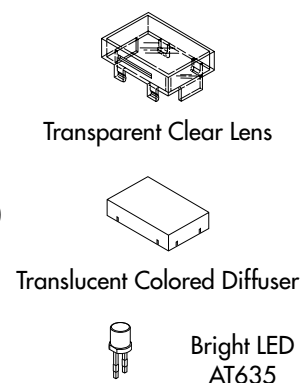
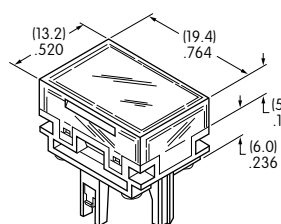
AT4176
Square



AT4178
Round



AT4177
Rectangular



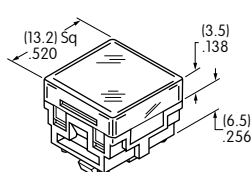
Material: Polycarbonate Finish: Glossy

Cap for Bright LED with Resistor

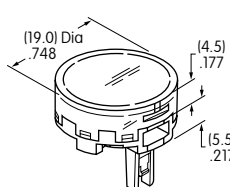
Lens/Diffuser
Colors Available:



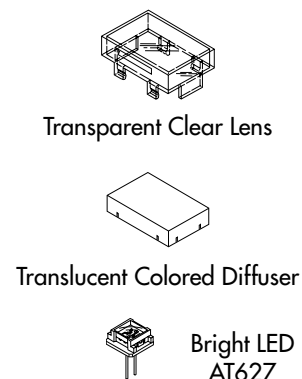
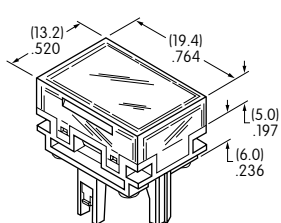
AT4162
Square



AT4164
Round



AT4163
Rectangular



Material: Polycarbonate Finish: Glossy

CAP TYPES & COLOR COMBINATIONS

Cap for Super Bright LEDs

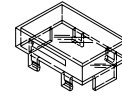


**Clear Lens
White Diffuser**

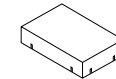
**AT4129
Square**

**AT4128
Round**

**AT4130
Rectangular**



**Transparent
Clear Lens**

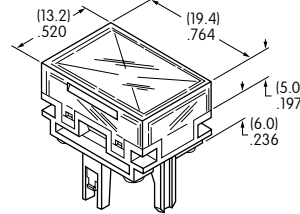
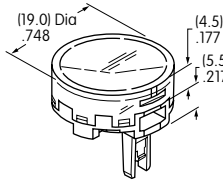
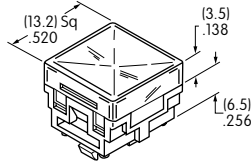


**Translucent
White Diffuser**



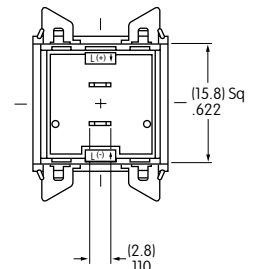
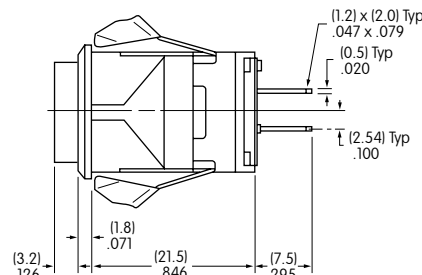
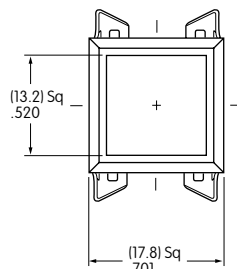
**LEDs AT625
AT631 AT632**

Material:
Polycarbonate
Finish: Glossy



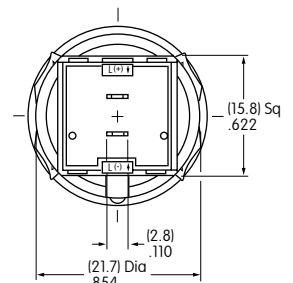
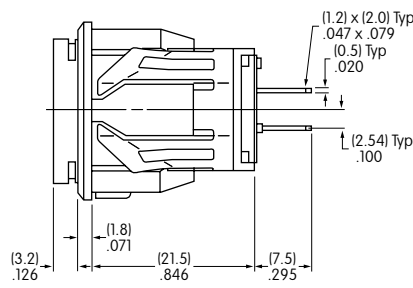
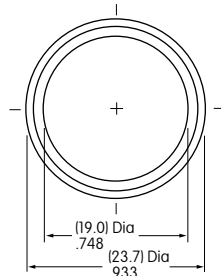
TYPICAL INDICATOR DIMENSIONS

Square



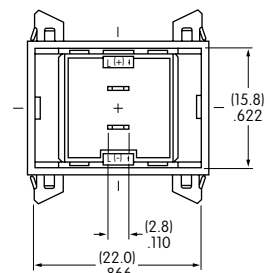
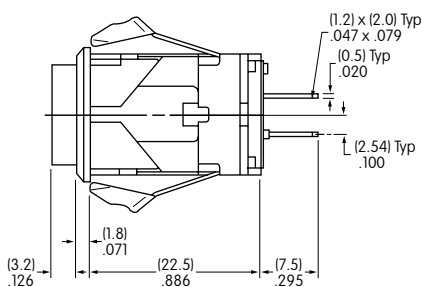
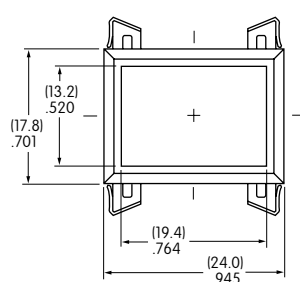
LB01KW01-12-CJ

Round



LB02KW01-12-CJ

Rectangular



LB03KW01-12-CJ

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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Email: org@lifeelectronics.ru

www.lifeelectronics.ru