

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 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 |
|----|-------------|

* Wire harness & cable assemblies offered only in Americas

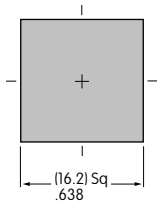
DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

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 | Color Codes | Red 5C | Amber 5D | Green 5F | No Code No Resistor |
| | Forward Peak Current | I_{FM} | | | Red: 30mA, Amber: 30mA, Green: 30mA |
| | Continuous Forward Current | I_F | | | Red: 20mA, Amber: 20mA, Green: 20mA |
| | Forward Voltage | V_F | | | Red: 1.9V, Amber: 2.0V, Green: 2.1V |
| | Reverse Peak Voltage | V_{RM} | | | Red: 5V, Amber: 5V, Green: 5V |
| | Current Reduction Rate Above 25°C | ΔI_F | | | Red: 0.42mA/°C, Amber: 0.42mA/°C, Green: 0.42mA/°C |
| | Ambient Temperature Range | | | | -25° ~ +50°C |

Bright LED with Resistor

| | | | | | | | |
|---|-----------------------------------|------------------|--------------------|--------------------|--|--|--|
| AT627 with Resistor  T-1 Bi-pin | Color Codes: | Red 5C | Amber 5D | Green 5F | Resistor Codes | | |
| | Forward Peak Current | I_{FM} | | | Red: 05 , Amber: 12 , Green: 24 | | |
| | Continuous Forward Current | I_F | | | Red: 52mA, Amber: 26mA, Green: 13mA | | |
| | Forward Voltage | V_F | | | Red: 5V, Amber: 12V, Green: 24V | | |
| | Reverse Peak Voltage | V_{RM} | | | Red: 4V, Amber: 8V, Green: 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 |
| | Forward Peak Current | I_{FM} | | | White: 30mA, Green: 30mA, Blue: 30mA | | |
| | Continuous Forward Current | I_F | | | White: 20mA, Green: 20mA, Blue: 20mA | | |
| | Forward Voltage | V_F | | | White: 3.6V, Green: 3.5V, Blue: 3.6V | | |
| | Reverse Peak Voltage | V_{RM} | | | White: 5V, Green: 5V, Blue: 5V | | |
| | Current Reduction Rate Above 25°C | ΔI_F | | | 0.50mA/°C | | |
| | Ambient Temperature Range | | | | -25° ~ +50°C | | |

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

CAP TYPES & COLOR COMBINATIONS

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

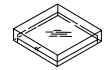
Solid Cap for Incandescent Lamp

Lens/Filter
Colors Available:

- BJ** **FJ**
- CJ** **GJ**
- EJ**



Translucent Colored Lens



Transparent Clear Filter



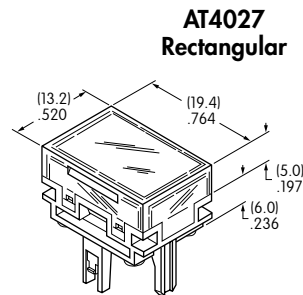
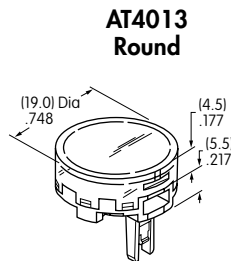
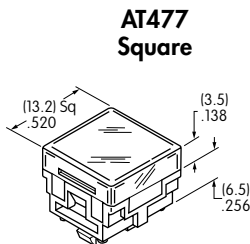
Lamp AT607

Material: Polycarbonate Finish: Glossy

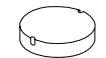
Insert Cap for Incandescent or Neon Lamp

Lens/Filter
Colors Available:

- JB** **JF**
- JC** **JG**
- JE**



Transparent Clear Lens



Translucent Colored Filter



Lamp AT607 or 607N

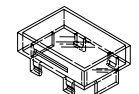
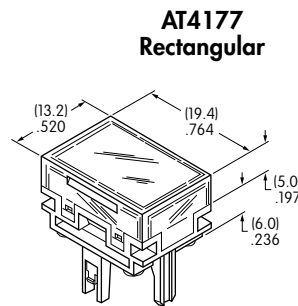
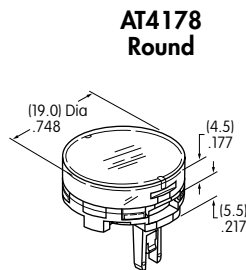
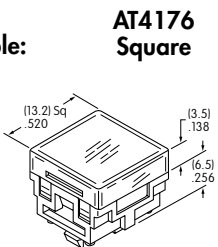
Material: Polycarbonate Finish: Glossy

JF and JG not suitable with neon lamp.

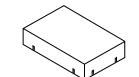
Cap for Bright LED without Resistor

Lens/Diffuser
Colors Available:

- JB**
- JC**
- JD**
- JF**



Transparent Clear Lens



Translucent Colored Diffuser



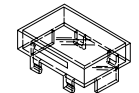
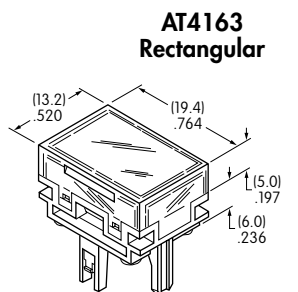
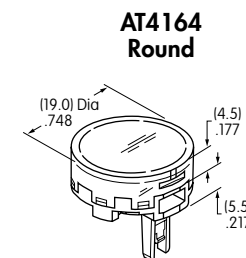
Bright LED AT635

Material: Polycarbonate Finish: Glossy

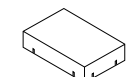
Cap for Bright LED with Resistor

Lens/Diffuser
Colors Available:

- JB**
- JC**
- JD**
- JF**



Transparent Clear Lens



Translucent Colored Diffuser



Bright LED AT627

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

Material:
Polycarbonate
Finish: Glossy



Translucent
White Diffuser



LEDs AT625
AT631 AT632

TYPICAL INDICATOR DIMENSIONS

Square



LB01KW01-12-CJ

Round



LB02KW01-12-CJ

Rectangular



LB03KW01-12-CJ



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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