

TYPICAL INDICATOR ORDERING EXAMPLE

YB **04** **K** **W01** — **12** — **FB**

| SHAPES | |
|------------------|-------------|
| Bushing Mounting | |
| 01 | Square |
| 02 | Round |
| 03 | Rectangular |
| Snap-in Mounting | |
| 04 | Square |
| 05 | Round |
| 06 | Rectangular |

| PANEL SEAL | |
|------------|--------------------------------------|
| No Code | Without Panel Seal |
| W | With Panel Seal (Bushing Mount only) |

| HOUSING | |
|---------|-------|
| K | Black |

| TERMINALS | |
|-----------|---|
| W01 | Silver Solder Lug/ .110" Quick Connect |

| LAMPS | |
|-------------------|---------|
| Incandescent Lamp | |
| 05 | 5-volt |
| 12 | 12-volt |
| 28 | 28-volt |

| Bright LED | |
|------------|-------|
| 5C | White |
| 5D | Amber |
| 5F | Green |

| Super Bright LED | |
|------------------|-------|
| 6B | White |
| 6F | Green |
| 6G | Blue |

| Bicolor LED for Full Face Illuminated | | | |
|---------------------------------------|-----------|-----------------|----------------------|
| LED Colors | | Forward Voltage | |
| 2CF | Red/Green | 02 | 2-volt (no resistor) |
| | | 05 | 5-volt |
| | | 12 | 12-volt |
| | | 24 | 24-volt |

| CAP TYPES & COLORS | |
|-------------------------------|--------------|
| Solid Cap: Lens/Insert Colors | |
| BB | White/White |
| CB | Red/White |
| EB | Yellow/White |
| FB | Green/White |
| GB | Blue/White |

| LED Cap: Lens/Insert Colors | |
|-----------------------------|-------------|
| JB | Clear/White |
| JC | Clear/Red |
| JD | Clear/Amber |
| JF | Clear/Green |

| LED Cap: Lens/Insert Color | |
|----------------------------|-------------|
| JB | Clear/White |

| LED Cap: Lens/Insert Colors | |
|-----------------------------|-------------|
| JB | Clear/White |

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

YB04KW01-12-FB

Square with Snap-in Mounting

Black Housing



Green Colored Solid Cap
12-volt Incandescent Lamp

Silver Solder Lug/
Quick Connect Terminals

SHAPES & MOUNTING TYPES

Bushing Mounting

Snap-in Mounting

01 Square

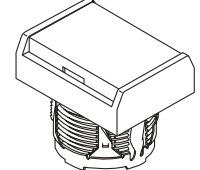
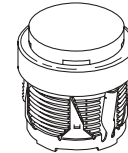
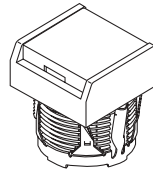
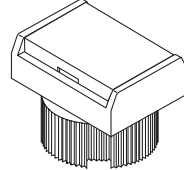
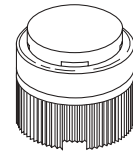
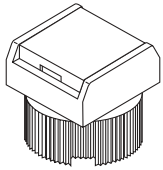
02 Round

03 Rectangular

04 Square

05 Round

06 Rectangular



Bezel-barrier is an integral part of the indicator.

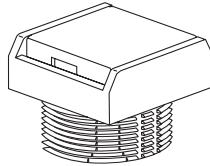
PANEL SEAL

No Code

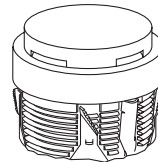
Without Panel Seal

Bushing Mounting

Supplied with mounting nut.



Snap-in Mounting

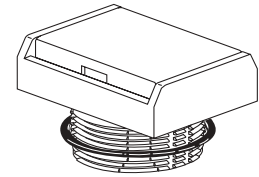


W

With Panel Seal


Bushing Mounting only

Supplied with mounting nut and o-ring.



INCANDESCENT LAMP & SOLID CAP

Electrical specifications are determined at a basic temperature of 25°C. For dimension drawings of lamps see Accessories & Hardware Index (page Y1). If the source voltage is greater than rated voltage, a ballast resistor is required. The ballast resistor calculation and more lamp detail are shown in the Supplement; see Supplement Index (page Z1).

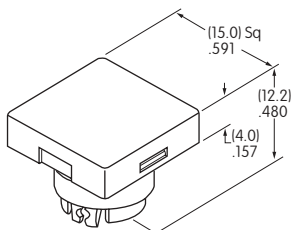
| | | | | | | |
|---|-----------|---------------|---------------|-------------|--|--------|
| AT611  T-1 Bi-pin | | 05 | 12 | 28 * | * Lamp life is significantly reduced in applications with DC current, high shock, vibration, flashing, or continuous illumination. | |
| | Voltage | V | 5V AC | 12V AC | | 28V AC |
| | Current | I | 115mA | 60mA | | 22mA |
| | MSCP | | .150 | .150 | | .150 |
| | Endurance | Hours | 7,000 average | | | |
| Ambient Temp Range | | -25°C ~ +50°C | | | | |

Solid Cap

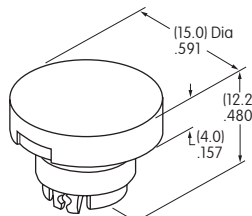
Lens/Insert
Colors Available:

- BB** White/White
- CB** Red/White
- EB** Green/White
- FB** Yellow/White
- GB** Blue/White

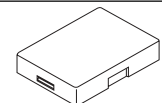
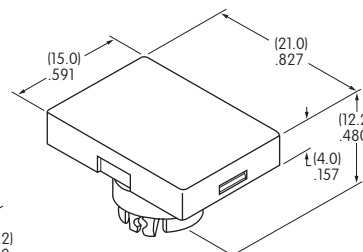
AT3001
Square



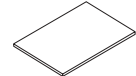
AT3002
Round



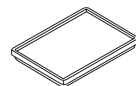
AT3003
Rectangular



Translucent Lens



Translucent White Insert



Translucent White Seal/Filter



Incandescent Lamp AT611

Materials: Polycarbonate (Lens & Insert), Thermoplastic Elastomer (Seal/Filter) Finish: Glossy


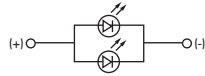
BRIGHT LED & LED CAPS

Electrical specifications are determined at a basic temperature of 25°C.

LED circuit is independent of switch operation.

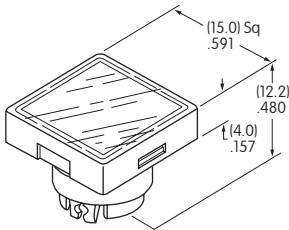
If the source voltage is greater than rated voltage, a ballast resistor is required. The ballast resistor calculation is shown in the Supplement (see page Z1) & lamp drawings are in Accessories & Hardware (see page Y1).

Electrical Specifications for Bright LED

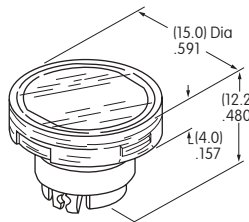
| | | | | | | | |
|--|---|---------|-----------------------------------|--------------------|--------------------|------|------|
| Bright AT628  T-1 Bi-pin |  | Colors: | 5C Red | 5D Amber | 5F Green | | |
| | | | Forward Peak Current | I_{FM} | 40mA | 40mA | 40mA |
| | | | Continuous Forward Current | I_F | 26mA | 26mA | 26mA |
| | | | Forward Voltage | V_F | 1.9V | 2.0V | 2.2V |
| | | | Reverse Peak Voltage | V_{RM} | 4V | 4V | 4V |
| | | | Current Reduction Rate Above 25°C | ΔI_F | 0.50mA/°C | | |
| | | | Ambient Temperature Range | | -25°C ~ +50°C | | |

Caps for Bright LED

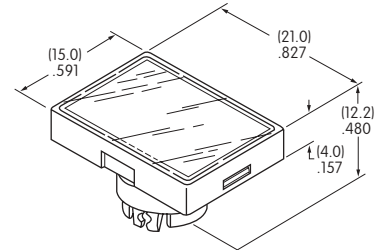
AT3004
Square



AT3005
Round



AT3006
Rectangular



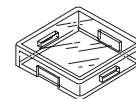
Lens/Insert
Colors Available:

JB Clear/White

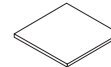
JC Clear/Red

JD Clear/Amber

JF Clear/Green



Transparent Clear Lens



Translucent Colored Insert



Translucent White Seal/Diffuser



Bright LED
AT628

Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)



SUPER BRIGHT LEDs & LED CAPS

Electrical specifications are determined at a basic temperature of 25°C.

LED circuit is independent of switch operation.

If the source voltage is greater than rated voltage, a ballast resistor is required. The ballast resistor calculation is shown in the Supplement (see page Z1) & lamp drawings are in Accessories & Hardware (see page Y1).

Electrical Specifications for Super Bright LED

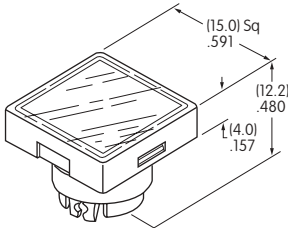
| | | | | | | | | |
|---|---|---|----------------|-----------------------------------|--------------|-----------|------|------|
| Super Bright AT625G Blue AT631B White AT632F Green |  |  | Colors: | 6B | 6F | 6G | | |
| | | | | White | Green | Blue | | |
| | | | | Forward Peak Current | I_{FM} | 30mA | 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°C ~ +50°C | | | | | | |



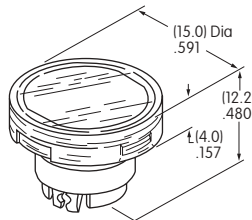
T-1 Bi-pin

Cap for Super Bright LED

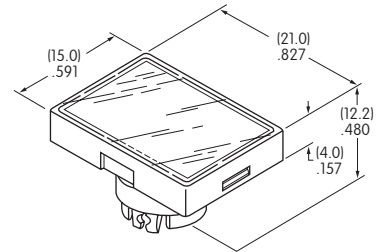
AT3014
Square



AT3015
Round



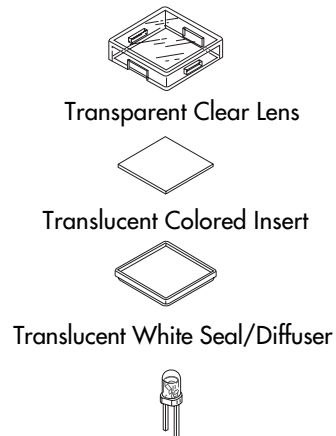
AT3016
Rectangular



Lens/Insert
Colors Available:

JB Clear/White

Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)



Super Bright LEDs
AT625 AT631
AT632


BICOLOR LED & LED CAPS

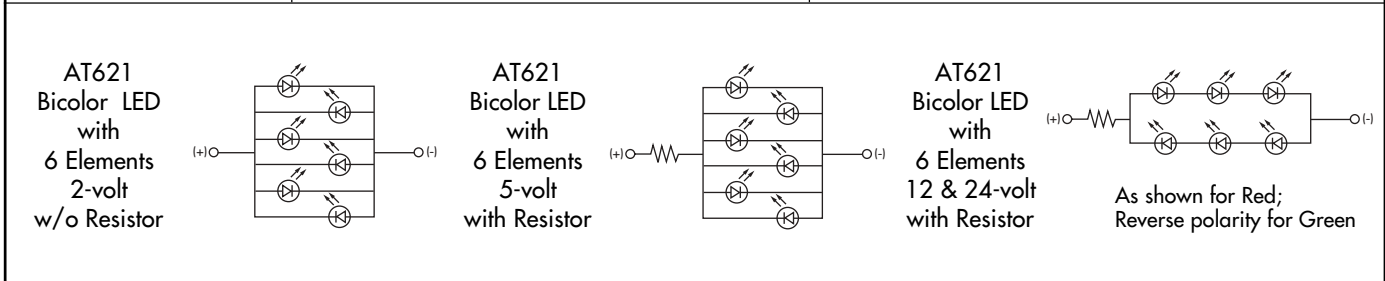
Electrical specifications are determined at a basic temperature of 25°C.

LED circuit is independent of switch operation.

If the source voltage is greater than rated voltage, a ballast resistor is required. The ballast resistor calculation and more lamp detail are shown in the Supplement; see Supplement Index (page Z1).

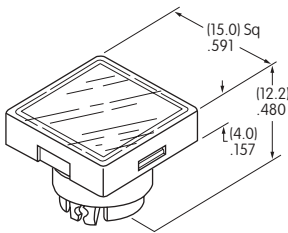
Electrical Specifications for Bicolor LED

| | | | | | | |
|--|--|--------------|---------------|-----------|-----------|-------|
| Bicolor AT621  Red/Green 2CF T-1 1/2 Bi-pin | Bicolor LED is translucent white in OFF state. | 02 | 05 | 12 | 24 | |
| | Forward Peak Current | I_{FM} | 60mA | 60mA | 20mA | 12mA |
| | Continuous Forward Current | I_F | 45mA | 45mA | 15mA | 10mA |
| | Forward Voltage | V_F | 2.1V | 5V | 12V | 24V |
| | Current Reduction Rate Above 25°C | ΔI_F | 0.80mA°C | ----- | ----- | ----- |
| | Ambient Temperature Range | | -25°C ~ +50°C | | | |

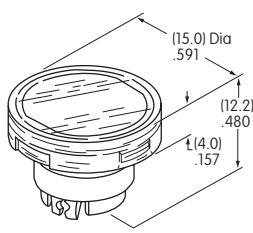


LED Caps

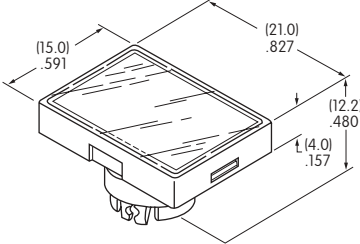
Square AT3004

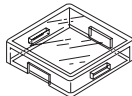


Round AT3005

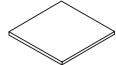


Rectangular AT3006

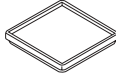




Transparent Clear Lens



Transparent Colored Insert




Translucent White Seal/Diffuser

Lens/Insert Colors Available:

JB Clear/White

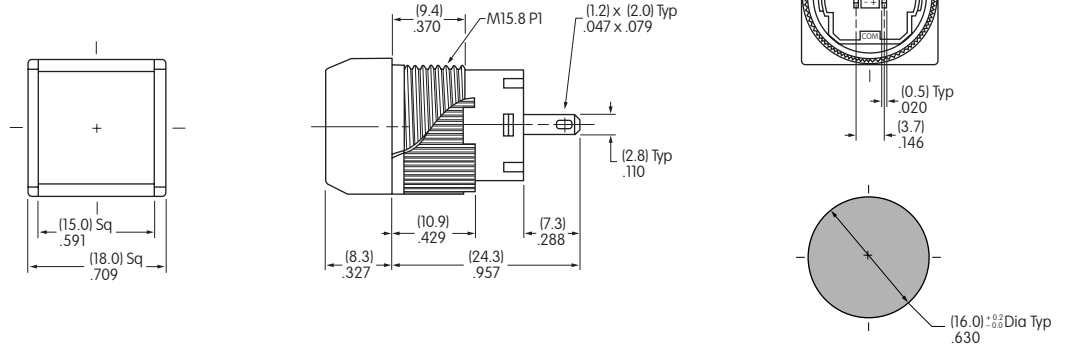
Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)



Bicolor AT621

TYPICAL INDICATOR DIMENSIONS

Square • Bushing Mounting

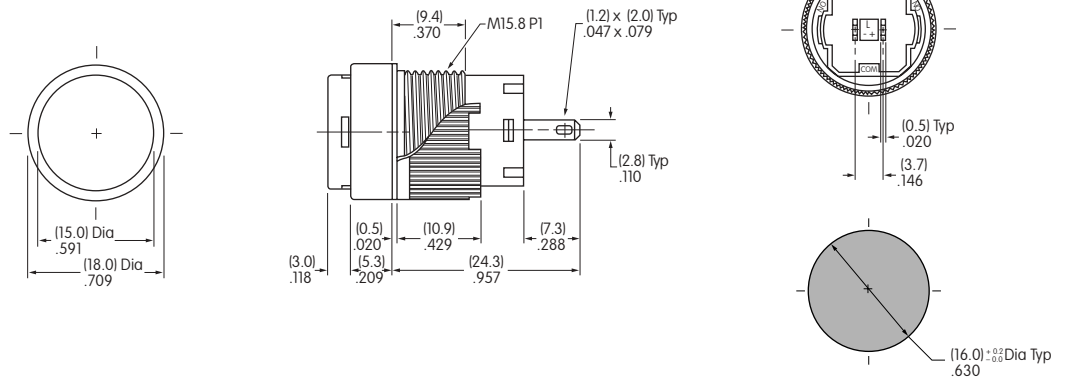


The .047" x .079" oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.

Panel Thickness
0.5mm ~ 5.0mm (.020" ~ .197")

YB01KW01-12-CB

Round • Panel Seal

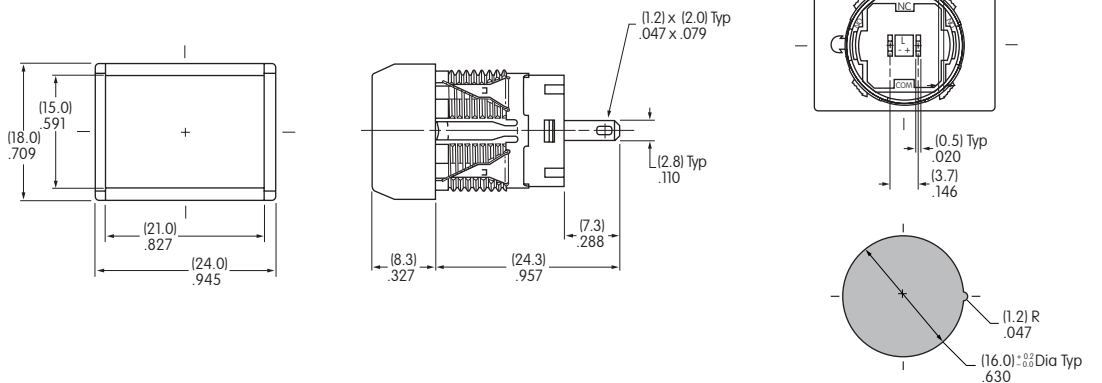


The .047" x .079" oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.

Panel Thickness
0.5mm ~ 5.0mm (.020" ~ .197")

YB02WKW01-12-CB

Rectangular • Snap-in Mounting



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

Panel Thickness
1mm ~ 3.5mm (.039" ~ .138")

YB06KW01-12-CB