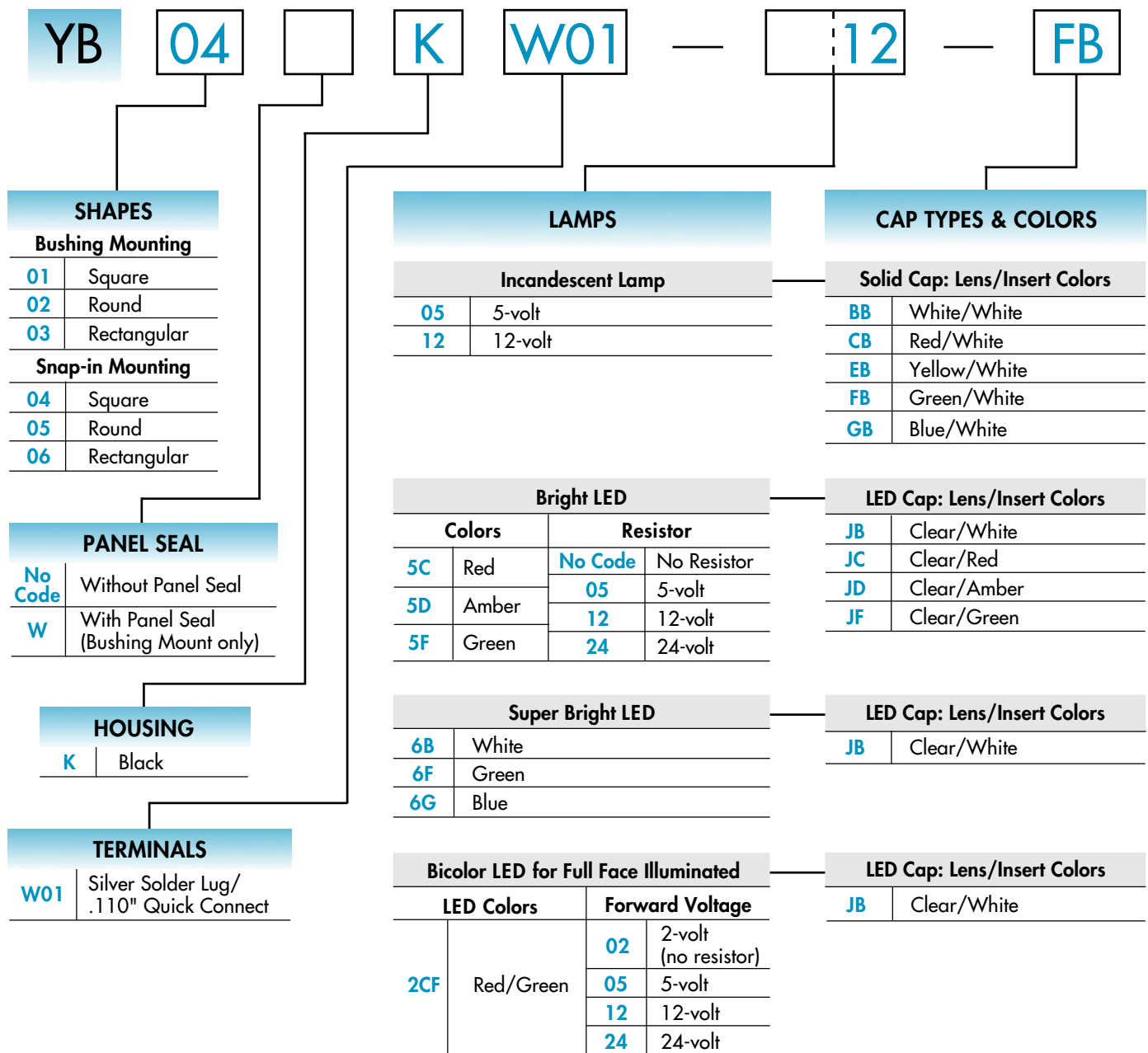
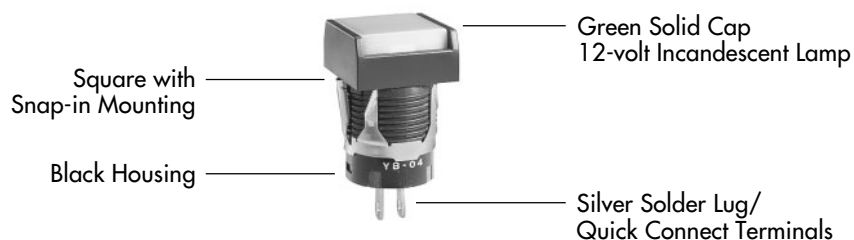


### TYPICAL INDICATOR ORDERING EXAMPLE



### DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

**YB04KW01-12-FB**



### SHAPES & MOUNTING TYPES

#### Bushing Mounting

#### Snap-in Mounting

**01** Square

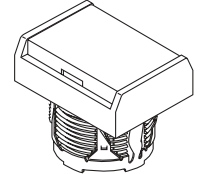
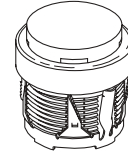
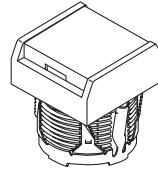
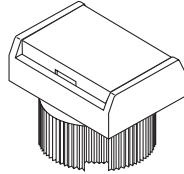
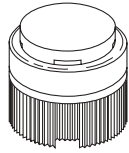
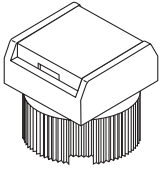
**02** Round

**03** Rectangular

**04** Square

**05** Round

**06** Rectangular



Bezel-barrier is an integral part of the indicator.

### PANEL SEAL

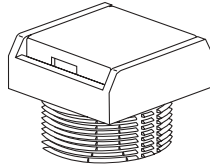
**No Code**

Without Panel Seal

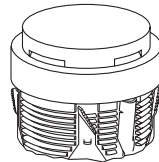
**W**

With Panel Seal

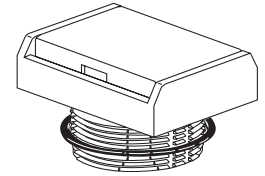
**Bushing Mounting**



**Snap-in Mounting**



**Bushing Mounting only**



Supplied with mounting nut.

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).

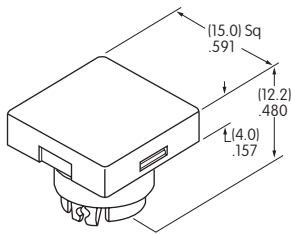
<b>AT611</b>  T-1 Bi-pin		<b>05</b>	<b>12</b>	
	Voltage	V	5V AC	12V AC
	Current	I	115mA	60mA
	MSCP		.150	.150
	Endurance	Hours	7,000 average	
	Ambient Temperature Range		-25°C ~ +50°C	

#### Solid Cap

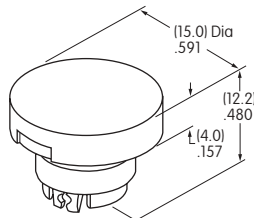
Lens/Insert  
Colors Available:

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

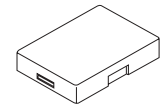
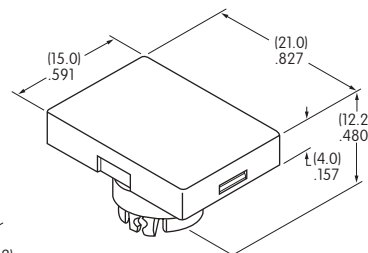
**AT3001**  
Square



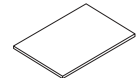
**AT3002**  
Round



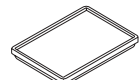
**AT3003**  
Rectangular



Translucent Lens



Translucent White Insert



Translucent White Seal/Filter



Incandescent Lamp AT611


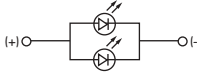
Materials: Polycarbonate (Lens & Insert), Thermoplastic Elastomer (Seal/Filter) Finish: Glossy

## BRIGHT LED & LED CAPS


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

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).

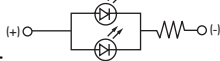
### Electrical Specifications for Bright LED without Resistor

<b>Bright AT628</b>   T-1 Bi-pin	Color Codes:	Red <b>5C</b>	Amber <b>5D</b>	Green <b>5F</b>	<b>No Code</b> No Resistor			
	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				$\Delta I_F$	0.50mA/°C		
	Ambient Temperature Range					-25°C ~ +50°C		

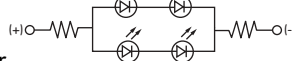
### Electrical Specifications for Bright LED with Resistor

<b>Bright AT634</b>  T-1 1/4 Bi-pin	Color Codes:	Red <b>5C</b>	Amber <b>5D</b>	Green <b>5F</b>	Resistor Codes			
		<b>05</b>	<b>12</b>	<b>24</b>				
	Forward Peak Current				$I_{FM}$	—	—	—
	Continuous Forward Current				$I_F$	25mA	20mA	10mA
	Forward Voltage				$V_F$	5V	12V	24V
	Reverse Peak Voltage				$V_{RM}$	4V	8V	16V
Ambient Temperature Range					-25°C ~ +50°C			

AT634  
5-volt,  
2-element  
with Resistor



AT634  
12-volt,  
4-element  
with Resistor



AT634  
24-volt,  
4-element  
with Resistor

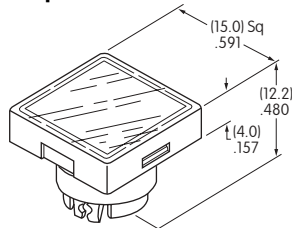


### Cap for Bright LED

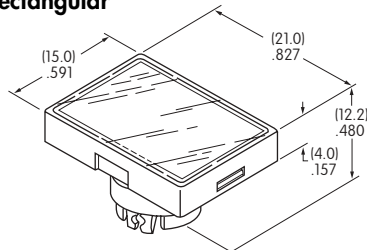
Lens/Insert  
Color Codes:

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

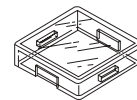
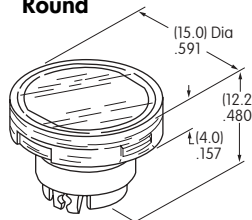
**AT3004**  
Square



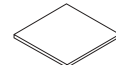
**AT3006**  
Rectangular



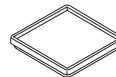
**AT3005**  
Round



Transparent Clear Lens



Translucent Colored Insert



Translucent White Seal/Diffuser



Bright LEDs  
AT628 AT634



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

## SUPER BRIGHT LEDS & LED CAPS

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

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

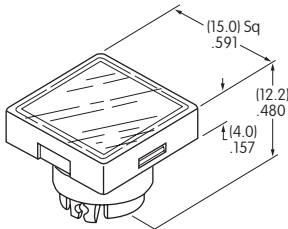
<b>Super Bright</b> <b>AT625G Blue</b> <b>AT631B White</b> <b>AT632F Green</b>			<b>Colors:</b>	<b>6B</b>	<b>6F</b>	<b>6G</b>		
				White	Green	Blue		
				Forward Peak Current	$I_{FM}$	30mA	30mA	30mA
				Continuous Forward Current	$I_F$	20mA	20mA	20mA
				Forward Voltage	$V_F$	3.6V	3.5V	3.6V
				Reverse Peak Voltage	$V_{RM}$	5V	5V	5V
				Current Reduction Rate Above 25°C	$\Delta I_F$	0.50mA/°C		
Ambient Temperature Range		-25°C ~ +50°C						



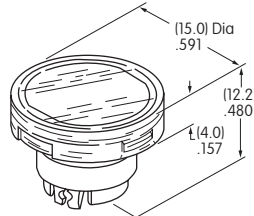
T-1 Bi-pin

### Cap for Super Bright LED

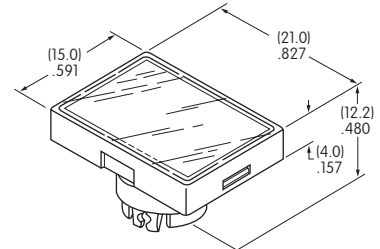
**AT3014**  
Square



**AT3015**  
Round



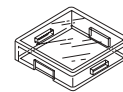
**AT3016**  
Rectangular



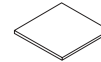
Lens/Insert  
Colors Available:

**JB** Clear/White

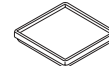
Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Diffuser)



Transparent Clear Lens



Translucent White Insert



Translucent White Seal/Diffuser





Super Bright LEDs  
AT625 AT631  
AT632

## BICOLOR LED & LED CAPS

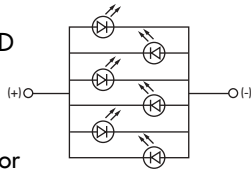
Electrical specifications are determined at a basic temperature of 25°C.

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).

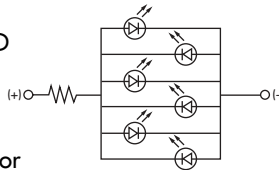
### Electrical Specifications for Bicolor LED

<b>Bicolor AT621</b>  Red/Green  T-1 1/2 Bi-pin	Bicolor LED is translucent white in OFF state.					
		<b>02</b>	<b>05</b>	<b>12</b>	<b>24</b>	
	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	$\Delta I_F$	0.80mA°C	-----	-----	-----
Ambient Temperature Range	-25°C ~ +50°C					

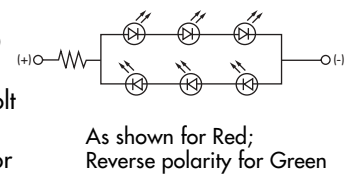
AT621  
Bicolor LED  
with  
2-volt  
6-element  
w/o Resistor



AT621  
Bicolor LED  
with  
5-volt  
6-element  
with Resistor

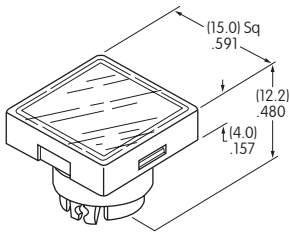


AT621  
Bicolor LED  
with  
12 & 24-volt  
6-element  
with Resistor

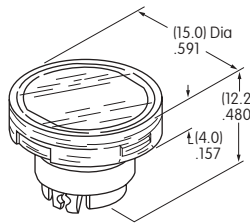


### LED Caps

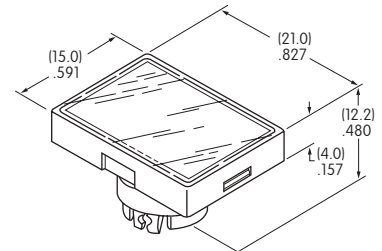
**Square AT3004**



**Round AT3005**



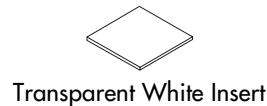
**Rectangular AT3006**



**Lens/Insert**  
**Colors Available:**

**JB** Clear/White

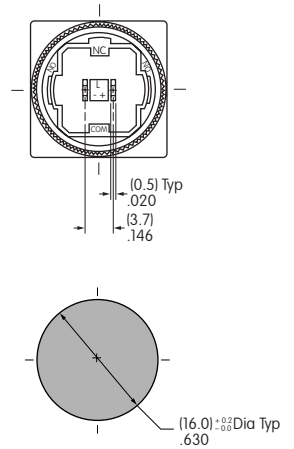
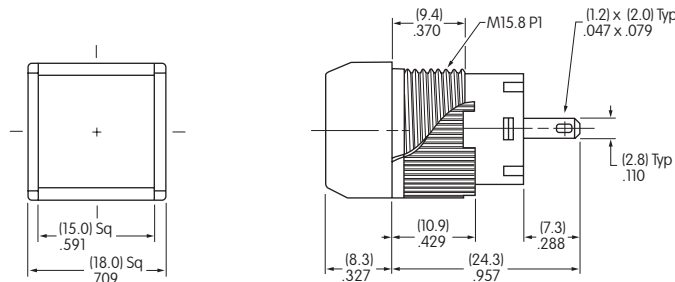
Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Diffuser)



Bicolor AT621

### TYPICAL INDICATOR DIMENSIONS

#### Square • Bushing Mounting

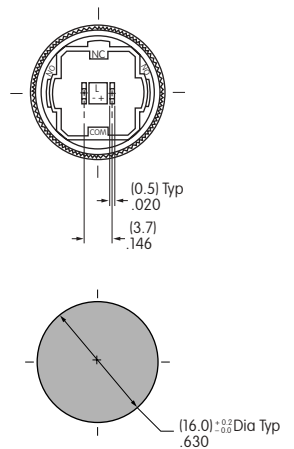
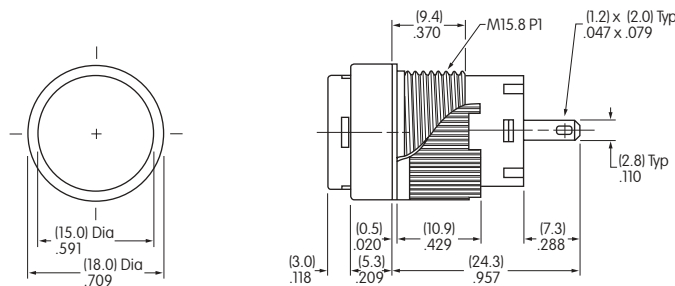


The .047" x .079" oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.

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

YB01KW01-12-CB

#### Round • Panel Seal

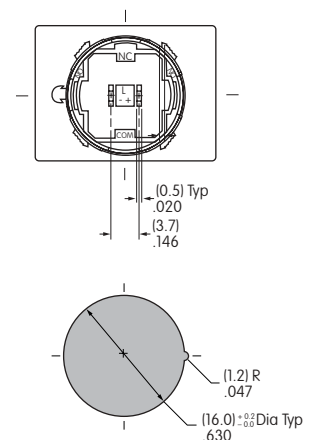
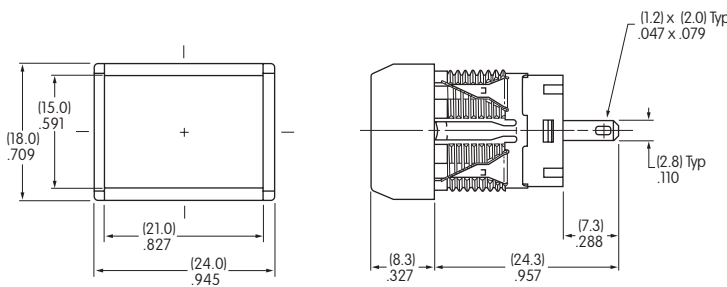


The .047" x .079" oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.

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  
1.0mm ~ 3.5mm (.039" ~ .138")

YB06KW01-12-CB