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

Bright LED			
Colors		Resistor	
5C	Red	No Code	No Resistor
5D	Amber	05	5-volt
5F	Green	12	12-volt
		24	24-volt

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 Colors	
JB	Clear/White

LED Cap: Lens/Insert Colors	
JB	Clear/White

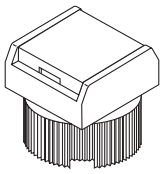
DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

YB04KW01-12-FB

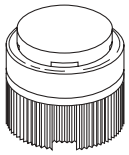
SHAPES & MOUNTING TYPES

Bushing Mounting

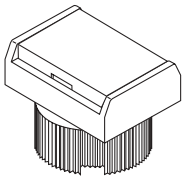
01 Square



02 Round

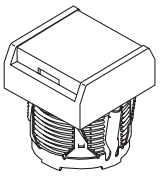


03 Rectangular

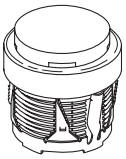


Snap-in Mounting

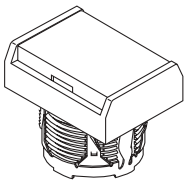
04 Square



05 Round



06 Rectangular



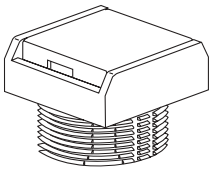
Bezel-barrier is an integral part of the indicator.

PANEL SEAL

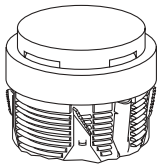
No Code **Without Panel Seal**

Bushing Mounting

Supplied with mounting nut.



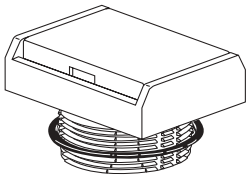
Snap-in Mounting



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

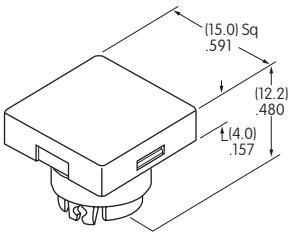
		05	12
Voltage	V	5V AC	12V AC
Current	I	115mA	60mA
MSCP		.150	.150
Endurance	Hours	7,000 average	
Ambient Temperature Range		-25°C ~ +50°C	

Solid Cap

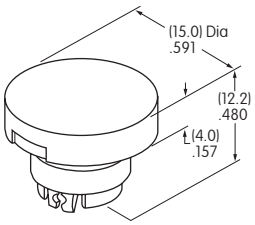
Lens/Insert Colors Available:

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

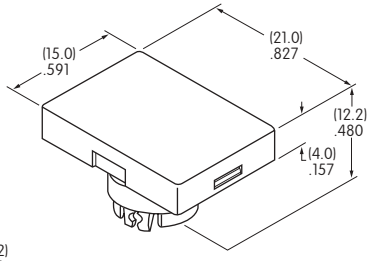
AT3001 Square

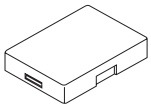


AT3002 Round

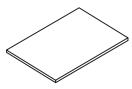


AT3003 Rectangular

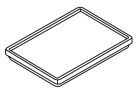




Translucent Lens



Translucent White Insert



Translucent White Seal/Filter

Incandescent Lamp AT611

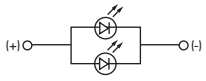
Materials: Polycarbonate (Lens & Insert), Thermoplastic Elastomer (Seal/Filter) Finish: Glossy

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

Bright
AT628



T-1 Bi-pin

Color Codes: Red 5C / Amber 5D / Green 5F		No Code (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	ΔI_F	0.50mA/°C		
Ambient Temperature Range		-25°C ~ +50°C		

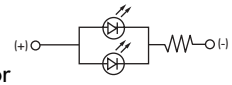
Electrical Specifications for Bright LED with Resistor

Bright
AT634

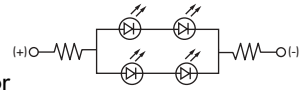
T-1¼ Bi-pin

Color Codes: Red 5C / Amber 5D / Green 5F		Resistor Codes 05	12	24
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		

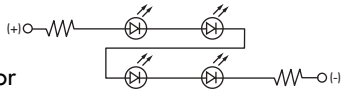
AT634
5-volt,
2-element
with Resistor



AT634
12-volt,
4-element
with Resistor



AT634
24-volt,
4-element
with Resistor

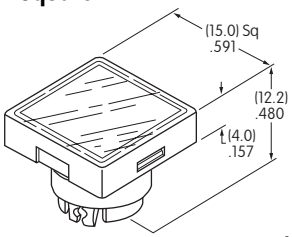


Cap for Bright LED

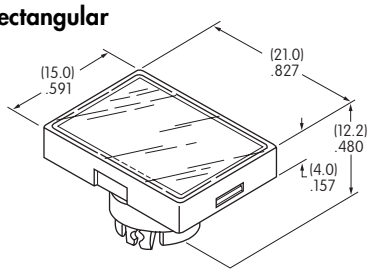
Lens/Insert Color Codes:

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

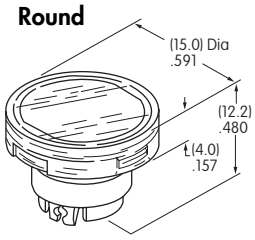
AT3004
Square

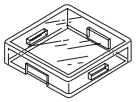


AT3006
Rectangular

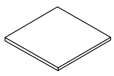


AT3005
Round

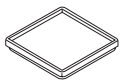




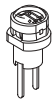
Transparent Clear Lens



Translucent Colored Insert



Translucent White Seal/Diffuser



Bright LEDS
AT628 AT634

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

SUPER BRIGHT LEDS & LED CAPS

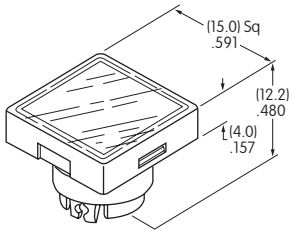
Electrical specifications are determined at a basic temperature of 25°C.
If the source voltage is greater than rated voltage, a ballast resistor is required. The ballast resistor calculation is shown in the Supplement (see page Z1) & lamp drawings are in Accessories & Hardware (see page Y1).

Electrical Specifications for Super Bright LED

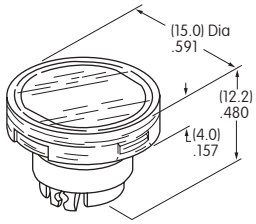
Super Bright **AT625G Blue** **AT631B White** **AT632F Green**	Attention Electrostatic Sensitive Devices (+) (-) Colors:		**6B** White	**6F** Green	**6G** Blue
	Forward Peak Current	I_{FM}	30mA	30mA	30mA
	Continuous Forward Current	I_F	20mA	20mA	20mA
	Forward Voltage	V_F	3.6V	3.5V	3.6V
	Reverse Peak Voltage	V_{RM}	5V	5V	5V
	Current Reduction Rate Above 25°C	ΔI_F	0.50mA/°C		
T-1 Bi-pin	Ambient Temperature Range		-25°C ~ +50°C		

Cap for Super Bright LED

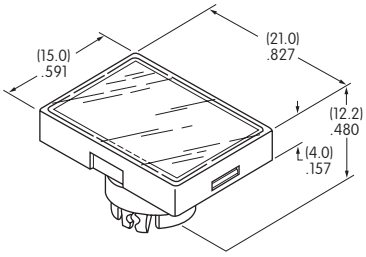
AT3014
Square



AT3015
Round



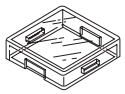
AT3016
Rectangular



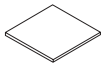
Lens/Insert
Colors Available:

JB **Clear/White**

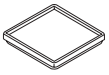
Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)



Transparent Clear Lens



Translucent White Insert



Translucent White Seal/Diffuser

Super Bright LEDs
AT625 AT631
AT632

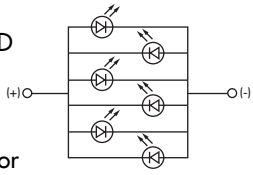
BICOLOR LED & LED CAPS

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).

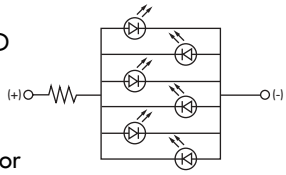
Electrical Specifications for Bicolor LED

Bicolor AT621		02	05	12	24
2CF Red/Green  T-1½ Bi-pin	Bicolor LED is translucent white in OFF state.				
	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			

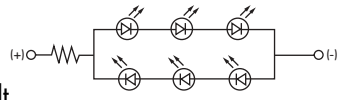
AT621 Bicolor LED with 2-volt 6-element w/o Resistor



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



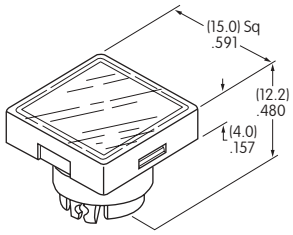
AT621 Bicolor LED with 12 & 24-volt 6-element with Resistor



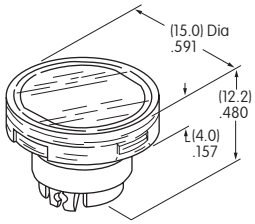
As shown for Red;
Reverse polarity for Green

LED Caps

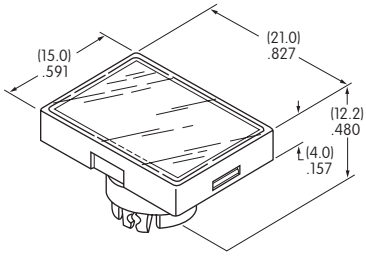
Square
AT3004



Round
AT3005



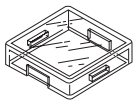
Rectangular
AT3006



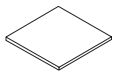
Lens/Insert
Colors Available:

JB **Clear/White**

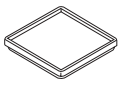
Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)



Transparent Clear Lens



Transparent White Insert

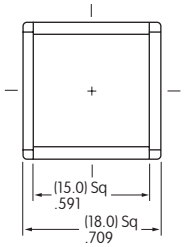


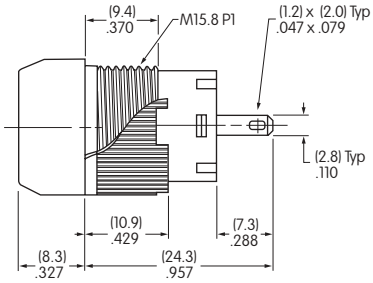
Translucent White Seal/Diffuser

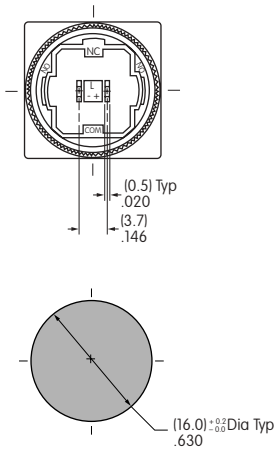
Bicolor AT621

TYPICAL INDICATOR DIMENSIONS

Square • Bushing Mounting





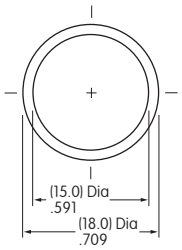


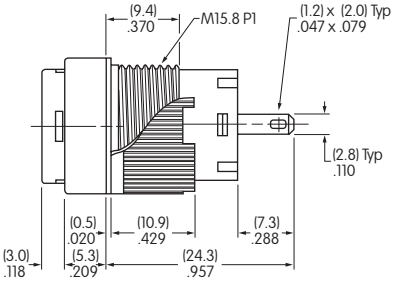
YB01KW01-12-CB

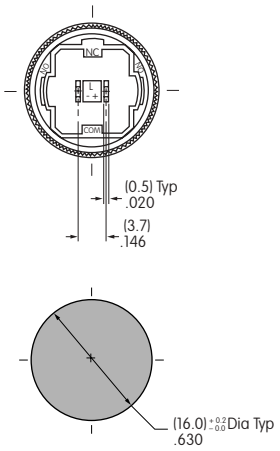
The .047" x .079" oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.

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

Round • Panel Seal





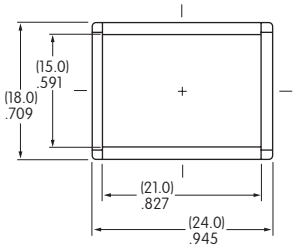


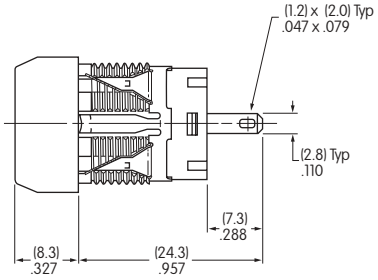
YB02WKW01-12-CB

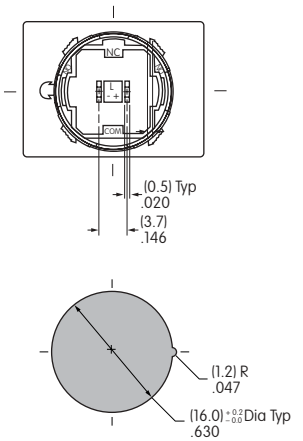
The .047" x .079" oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.

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

Rectangular • Snap-in Mounting







YB06KW01-12-CB

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")