

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

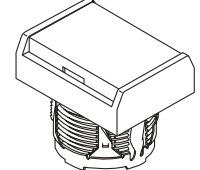
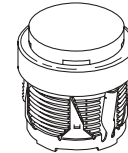
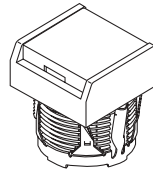
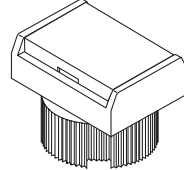
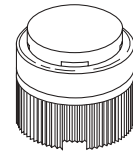
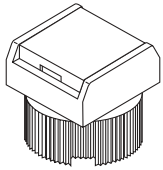
02 Round

03 Rectangular

04 Square

05 Round

06 Rectangular



Bezel-barrier is an integral part of the indicator.

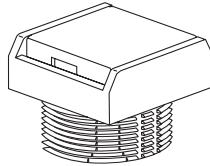
PANEL SEAL

No Code

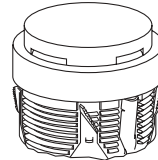
Without Panel Seal

Bushing Mounting

Supplied with mounting nut.



Snap-in Mounting

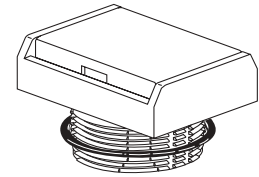


W

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).

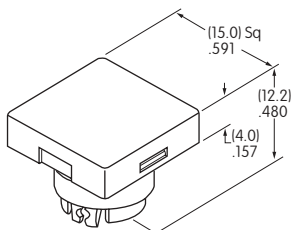
AT611  T-1 Bi-pin		05	12	28 *	* Lamp life is significantly reduced in applications with DC current, high shock, vibration, flashing, or continuous illumination.	
	Voltage	V	5V AC	12V AC		28V AC
	Current	I	115mA	60mA		22mA
	MSCP		.150	.150		.150
	Endurance	Hours	7,000 average			
Ambient Temp Range		-25°C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

Solid Cap

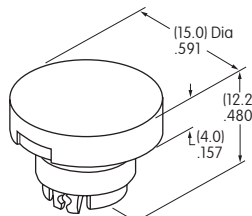
Lens/Insert
Colors Available:

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

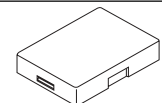
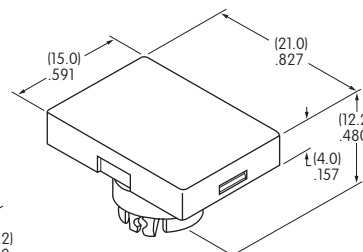
AT3001
Square



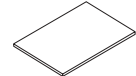
AT3002
Round



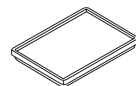
AT3003
Rectangular



Translucent Lens



Translucent White Insert



Translucent White Seal/Filter



Incandescent Lamp AT611

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


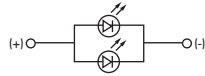
BRIGHT LED & LED CAPS

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

LED circuit is independent of switch operation.

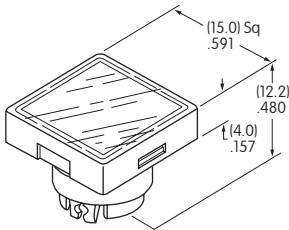
If the source voltage is greater than rated voltage, a ballast resistor is required. The ballast resistor calculation is shown in the Supplement (see page Z1) & lamp drawings are in Accessories & Hardware (see page Y1).

Electrical Specifications for Bright LED

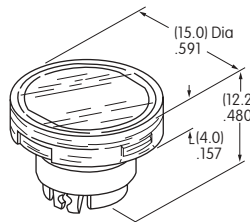
Bright AT628  T-1 Bi-pin		Colors:	5C Red	5D Amber	5F Green		
			Forward Peak Current	I_{FM}	40mA	40mA	40mA
			Continuous Forward Current	I_F	26mA	26mA	26mA
			Forward Voltage	V_F	1.9V	2.0V	2.2V
			Reverse Peak Voltage	V_{RM}	4V	4V	4V
			Current Reduction Rate Above 25°C	ΔI_F	0.50mA/°C		
			Ambient Temperature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

Caps for Bright LED

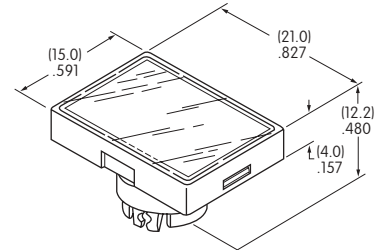
AT3004
Square



AT3005
Round



AT3006
Rectangular



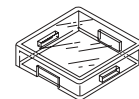
Lens/Insert
Colors Available:

JB Clear/White

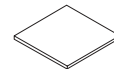
JC Clear/Red

JD Clear/Amber

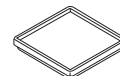
JF Clear/Green



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

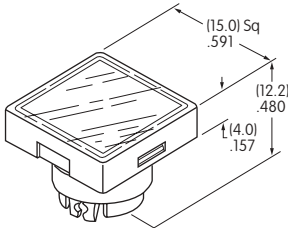
Super Bright AT625G Blue AT631B White AT632F Green			Colors:	6B	6F	6G		
				White	Green	Blue		
				Forward Peak Current	I_{FM}	30mA	30mA	30mA
				Continuous Forward Current	I_F	20mA	20mA	20mA
				Forward Voltage	V_F	3.6V	3.5V	3.6V
				Reverse Peak Voltage	V_{RM}	5V	5V	5V
				Current Reduction Rate Above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



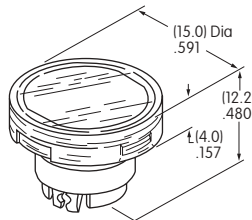
T-1 Bi-pin

Cap for Super Bright LED

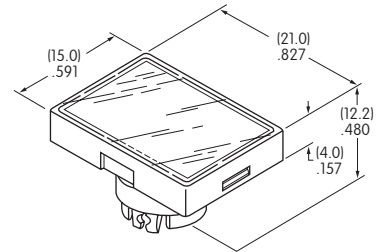
AT3014
Square



AT3015
Round



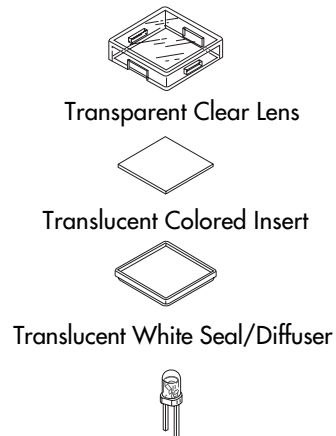
AT3016
Rectangular



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

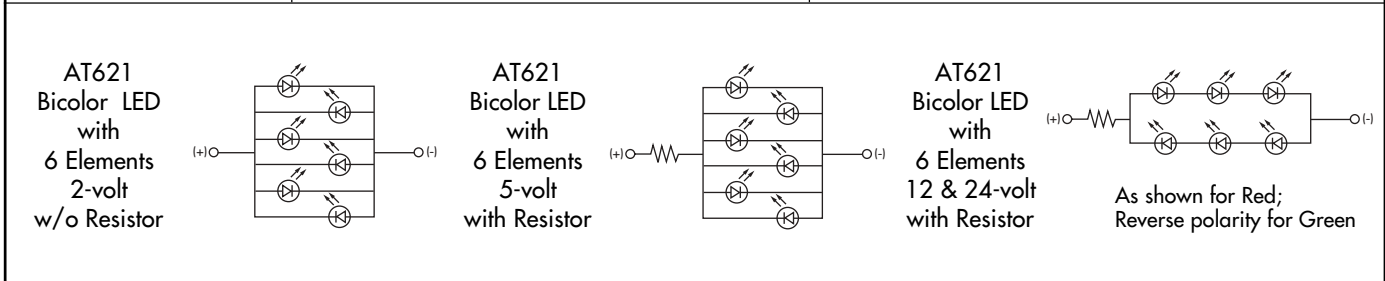
Electrical specifications are determined at a basic temperature of 25°C.

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).

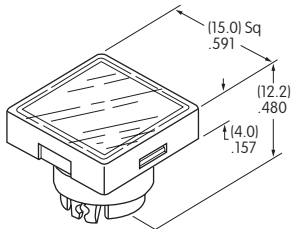
Electrical Specifications for Bicolor LED

Bicolor AT621 2CF Red/Green  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			

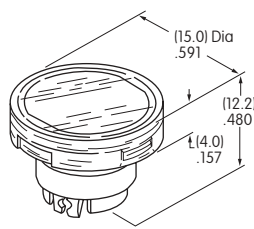


LED Caps

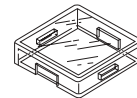
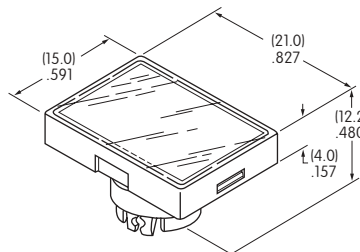
Square AT3004



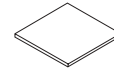
Round AT3005



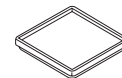
Rectangular AT3006



Transparent Clear Lens



Transparent Colored Insert



Translucent White Seal/Diffuser

Lens/Insert
Colors Available:



Clear/White

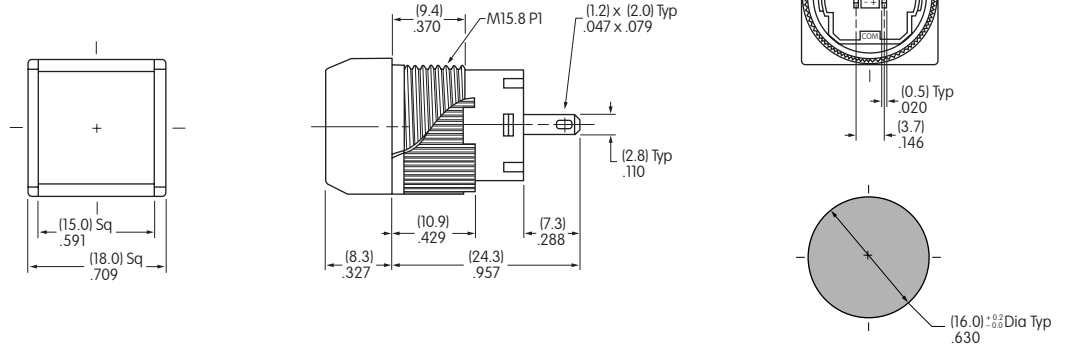
Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)



Bicolor AT621

TYPICAL INDICATOR DIMENSIONS

Square • Bushing Mounting

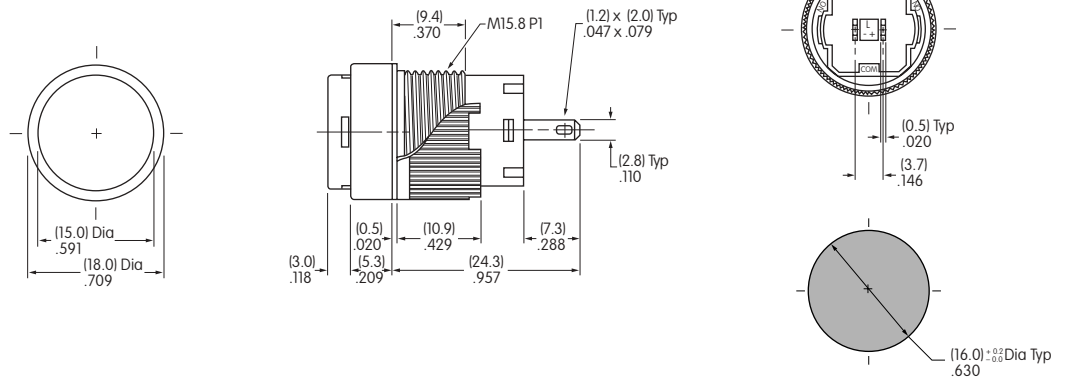


The .047" x .079" oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.

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

YB01KW01-12-CB

Round • Panel Seal

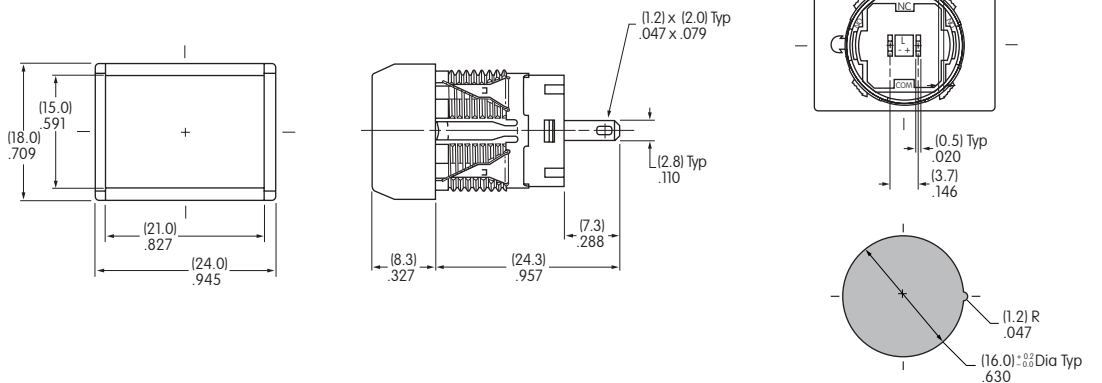


The .047" x .079" oblong hole accommodates one solid 18-gauge wire or two solid or stranded 20-gauge wires.

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