

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 only
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Terminals

W01	Silver Solder Lug/.110" (2.8mm) Quick Connect
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Lamps

Incandescent Lamp

05	5-volt
12	12-volt

Bright LED

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

Super Bright LED

6B	White
6F	Green
6G	Blue

Bicolor LED

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

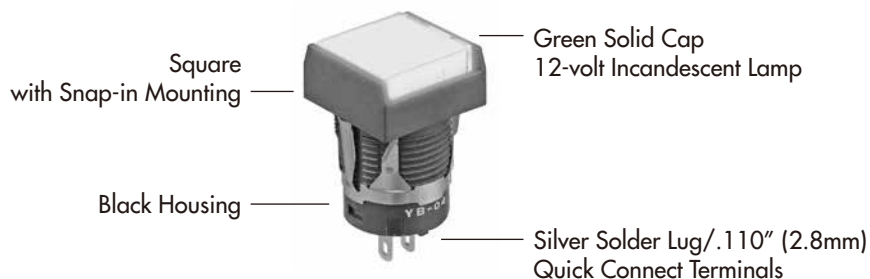
JB	Clear/White
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LED Cap: Lens/Insert Colors

JB	Clear/White
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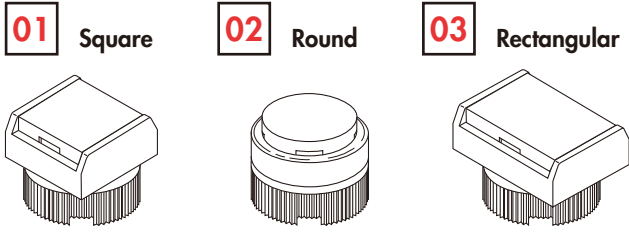
DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

YB04KW01-12-FB



SHAPES & MOUNTING TYPES

Bushing Mounting



Snap-in Mounting



Bezel-barrier is an integral part of the indicator body.

PANEL SEAL

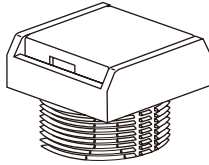
No Code

Without Panel Seal

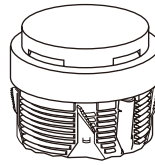
W

With Panel Seal

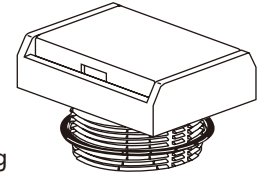
Bushing Mounting



Snap-in Mounting



Bushing Mounting only




Supplied with mounting nut.

Supplied with mounting nut and o-ring AT089.

INCANDESCENT LAMP & SOLID CAP

The electrical specifications shown are determined at a basic temperature of 25°C.
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.

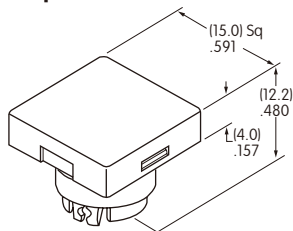
AT611		05	12	
 T-1 Bi-pin	Voltage	V	5V AC	
	Current	I	115mA	
	MSCP		.150	
	Endurance	Hours	7,000 average	
	Ambient Temperature Range		-25°C ~ +50°C	

Solid Cap for Incandescent Lamp

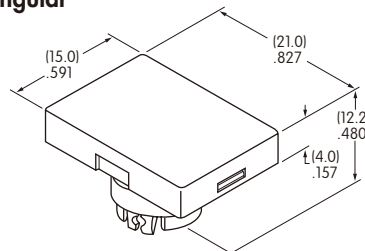
Lens/Insert
Colors Available:

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

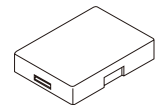
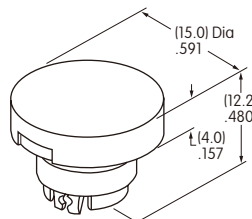
AT3001
Square



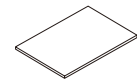
AT3003
Rectangular



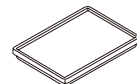
AT3002
Round



Translucent Colored Lens



Translucent White Insert



Translucent White Seal/Filter



Incandescent Lamp AT611


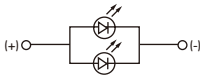
Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Filter)
Finish: Glossy

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


BRIGHT LEDS & LED CAPS

The electrical specifications shown are determined at a basic temperature of 25°C.
 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.

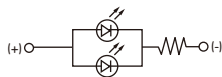
Electrical Specifications for Bright LED without Resistor

Bright AT628   T-1 Bi-pin	Colors Available: 5C Red 5D Amber 5F Green No Code No Resistor	Unit				
	Maximum Forward Current	I_{FM}	40	40	40	mA
	Typical Forward Current	I_F	26	26	26	mA
	Forward Voltage	V_F	1.9	2.0	2.0	V
	Maximum Reverse Voltage	V_{RM}	4	4	4	V
	Current Reduction Rate Above 25°C	ΔI_F	0.50			mA/°C
	Ambient Temperature Range	-25 ~ +50			°C	

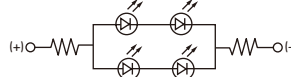
Electrical Specifications for Bright LED with Resistor

Bright AT634  T-1 1/4 Bi-pin	Colors Available: 5C Red 5D Amber 5F Green 05 12 24	Unit				
	Maximum Forward Current	I_{FM}	—	—	—	mA
	Typical Forward Current	I_F	25	20	10	mA
	Forward Voltage	V_F	5	12	24	V
	Maximum Reverse Voltage	V_{RM}	4	8	16	V
	Current Reduction Rate Above 25°C	ΔI_F	—	—	—	mA/°C
	Ambient Temperature Range	-25 ~ +50			°C	

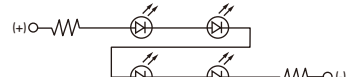
AT634
5-volt,
2-element
with Resistor



AT634
12-volt,
4-element
with Resistor



AT634
24-volt,
4-element
with Resistor

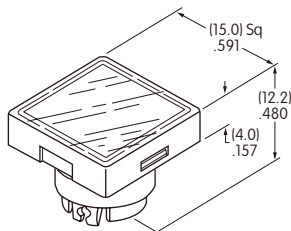


Cap for Bright LED

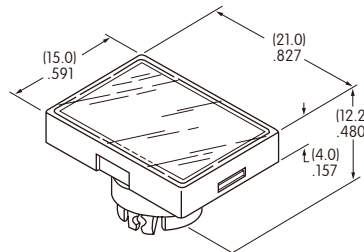
Lens/Insert
Colors Available:

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

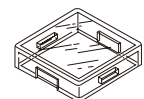
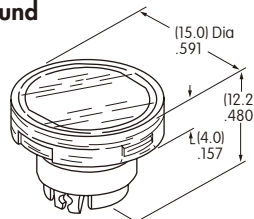
AT3004
Square



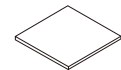
AT3006
Rectangular



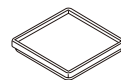
AT3005
Round



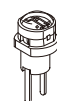
Transparent Clear Lens



Translucent Colored Insert



Translucent White Seal/Diffuser





Bright LEDs
AT628 AT634

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

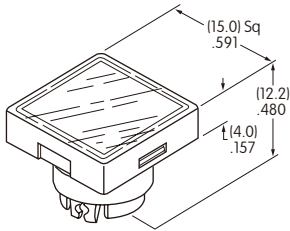
SUPER BRIGHT LEDS & LED CAPS

The electrical specifications shown are determined at a basic temperature of 25°C.
 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.

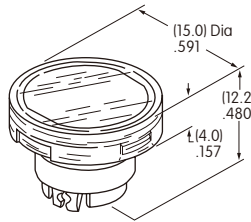
Super Bright AT625G Blue AT631B White AT632F Green			<div style="border: 1px solid black; padding: 2px; display: inline-block;">6B</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">6F</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">6G</div>		
	Colors:	White	Green	Blue	Unit		
	Maximum Forward Current	I_{FM}	30	30	30	mA	
	Typical Forward Current	I_F	20	20	20	mA	
	Forward Voltage	V_F	3.3	3.3	3.3	V	
	Maximum Reverse Voltage	V_{RM}	7	7	7	V	
	Current Reduction Rate Above 25°C	ΔI_F	0.40	0.40	0.40	mA/°C	
	T-1 Bi-pin	Ambient Temperature Range		-25 ~ +50		°C	

Cap for Super Bright LED

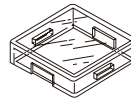
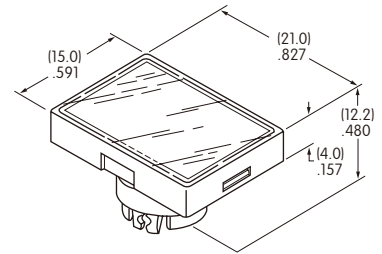
AT3014
Square



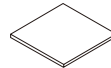
AT3015
Round



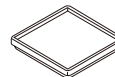
AT3016
Rectangular



Transparent Clear Lens



Translucent White Insert



Translucent White Seal/Diffuser



Super Bright LEDs
 AT625 AT631
 AT632

Lens/Insert
 Colors Available:


JB Clear/White

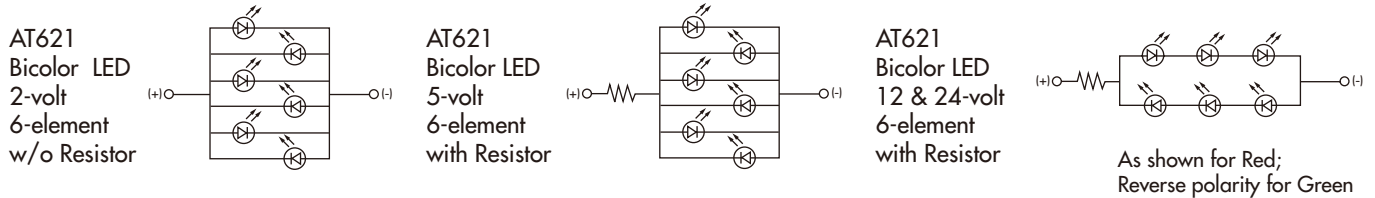
Materials: Polycarbonate (Lens & Insert)
 Thermoplastic Elastomer (Seal/Diffuser)

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

BICOLOR LED & LED CAPS

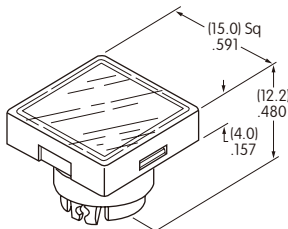
The electrical specifications shown are determined at a basic temperature of 25°C.
 If the source voltage exceeds the rated voltage, a ballast resistor is required.
 The resistor value can be calculated by using the formula in the Supplement section.

Bicolor AT621 2CF Red/Green  T-1½ Bi-pin	Bicolor LED is translucent white in OFF state.	02	05	12	24	Unit
	Maximum Forward Current I_{FM}	60	60	20	12	mA
	Typical Forward Current I_F	45	45	15	10	mA
	Forward Voltage (Red/Green) V_F	1.9 / 2.1	5	12	24	V
	Current Reduction Rate Above 25°C ΔI_F	0.80	----	----	----	mA/°C
	Ambient Temperature Range	-25 ~ +50			°C	

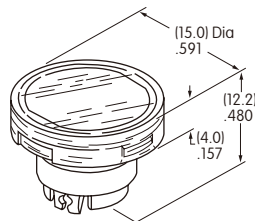


LED Caps

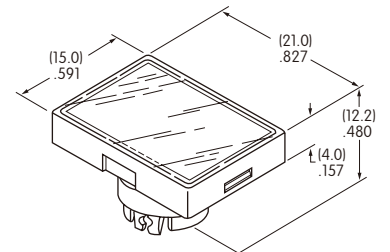
AT3004 Square



AT3005 Round

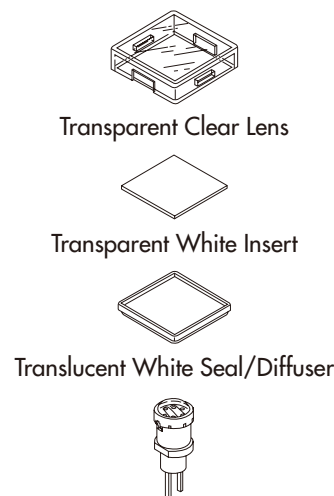


AT3006 Rectangular



Lens/Insert
 Colors Available:

JB Clear/White



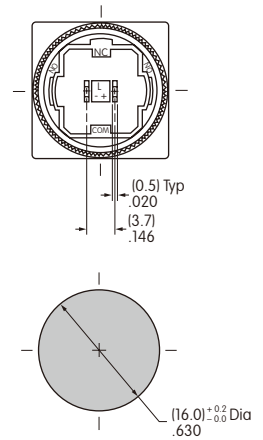
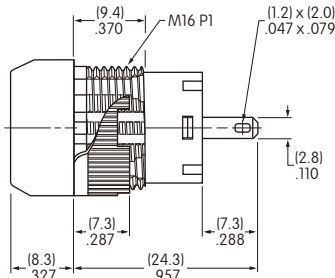
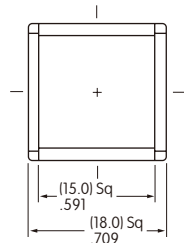
Materials: Polycarbonate (Lens & Insert)
 Thermoplastic Elastomer (Seal/Diffuser)

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

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

TYPICAL INDICATOR DIMENSIONS

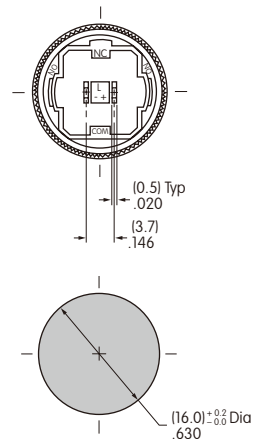
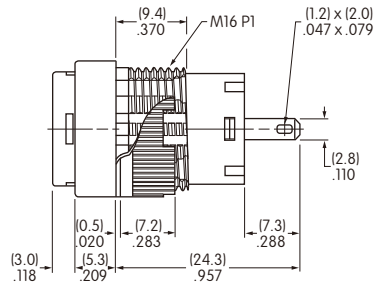
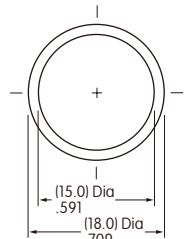
Square • Bushing Mounting



YB01KW01-12-CB

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

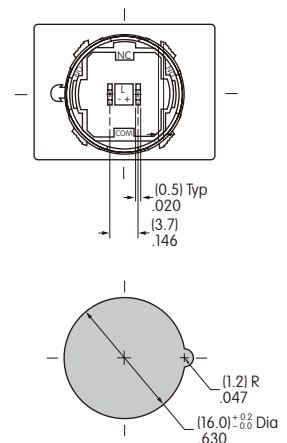
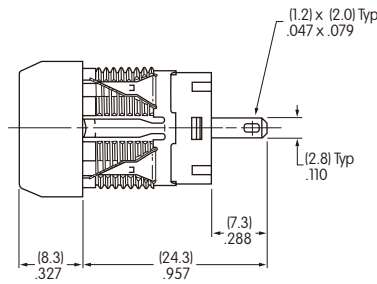
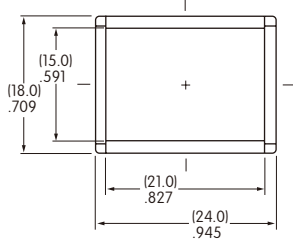
Round • Panel Seal



YB02WKW01-12-GB

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

Rectangular • Snap-in Mounting



YB06KW01-12-EB

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