

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
5F	Green	12	12-volt
		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

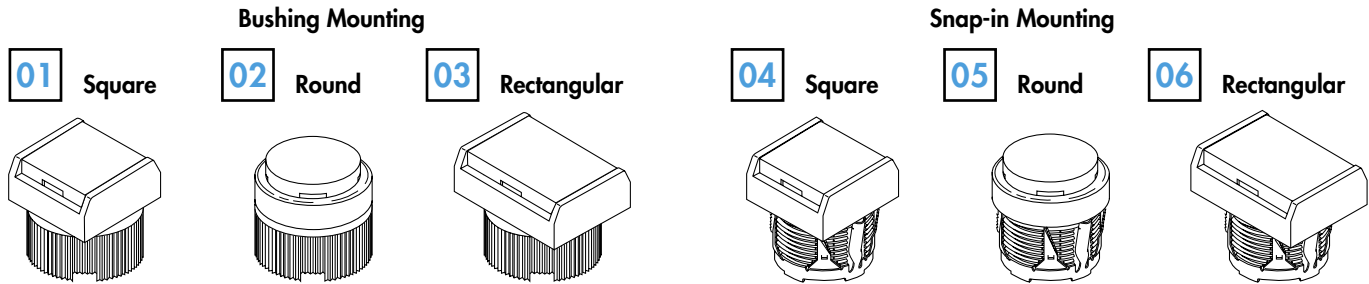
JB	Clear/White
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DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

YB04KW01-12-FB

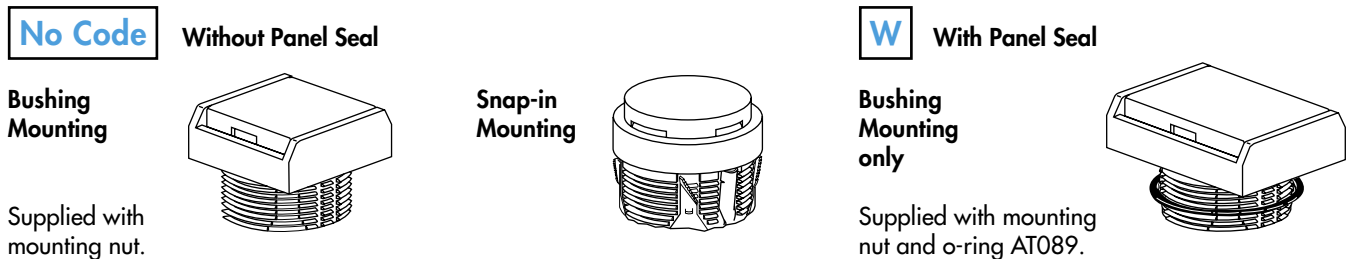


SHAPES & MOUNTING TYPES



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

PANEL SEAL



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  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	

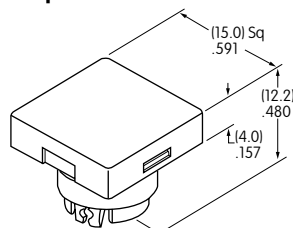
Solid Cap for Incandescent Lamp

Lens/Insert
Colors Available:

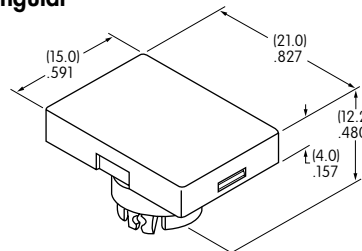
- BB** White/White
- CB** Red/White
- EB** Yellow/White
- FB** Green/White
- GB** Blue/White

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

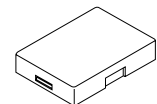
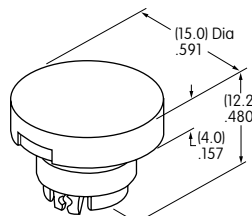
AT3001
Square



AT3003
Rectangular



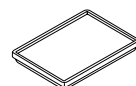
AT3002
Round



Translucent Colored Lens



Translucent White Insert



Translucent White Seal/Filter

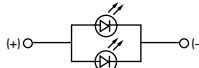


Incandescent Lamp AT611

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.

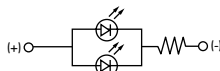
Electrical Specifications for Bright LED without Resistor

Bright AT628   T-1 Bi-pin	Colors Available:	5CRed	5DAmber	5FGreen	No CodeNo Resistor			Unit
	Forward Peak Current	I_{FM}	40	40	40	mA		
	Continuous Forward Current	I_F	26	26	26	mA		
	Forward Voltage	V_F	1.9	2.0	2.2	V		
	Reverse Peak 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		

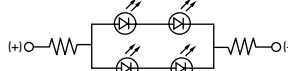
Electrical Specifications for Bright LED with Resistor

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

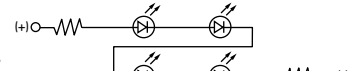
AT634
5-volt,
2-element
with Resistor



AT634
12-volt,
4-element
with Resistor



AT634
24-volt,
4-element
with Resistor

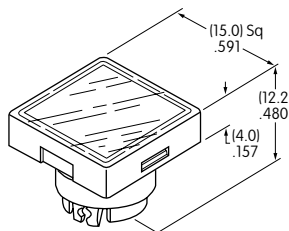


Cap for Bright LED

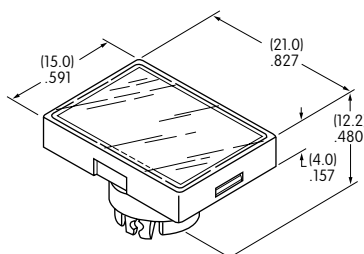
Lens/Insert
Colors Available:

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

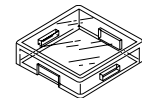
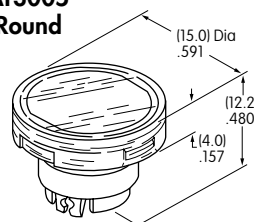
AT3004
Square



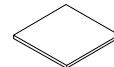
AT3006
Rectangular



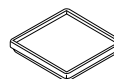
AT3005
Round



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.

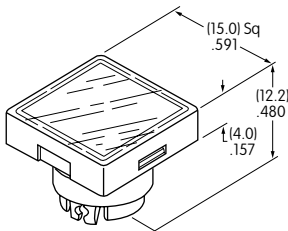
Super Bright AT625G Blue AT631B White AT632F Green  T-1 Bi-pin	 Attention Electrostatic Sensitive Devices  Colors:	6B White	6F Green	6G Blue	Unit	
	Forward Peak Current	I_{FM}	30	30	30	mA
	Continuous Forward Current	I_F	20	20	20	mA
	Forward Voltage	V_F	3.6	3.5	3.6	V
	Reverse Peak Voltage	V_{RM}	5	5	5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



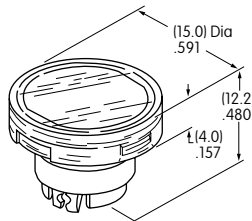
T-1 Bi-pin

Cap for Super Bright LED

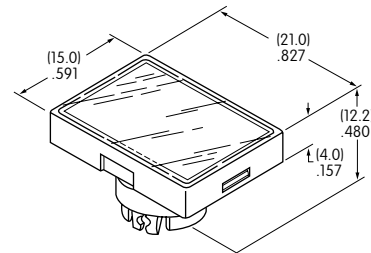
AT3014
Square



AT3015
Round



AT3016
Rectangular



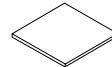
Lens/Insert
Colors Available:



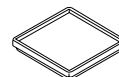
Clear/White



Transparent Clear Lens



Translucent White Insert



Translucent White Seal/Diffuser



Super Bright LEDs
AT625 AT631
AT632

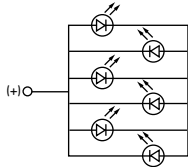
Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)

BICOLOR LED & LED CAPS

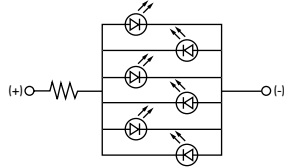
The electrical specifications shown are determined at a basic temperature of 25°C.
If the source voltage exceeds the rated voltage, a ballast resistor is required.
The resistor value can be calculated by using the formula in the Supplement section.

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

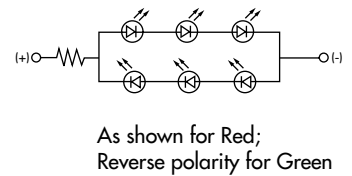
AT621
Bicolor LED
2-volt
6-element
w/o Resistor



AT621
Bicolor LED
5-volt
6-element
with Resistor

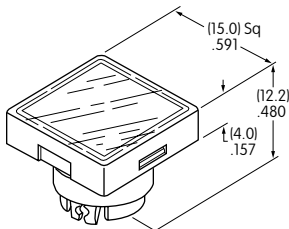


AT621
Bicolor LED
12 & 24-volt
6-element
with Resistor

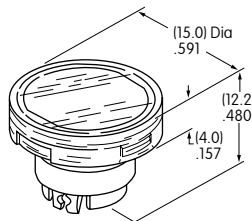


LED Caps

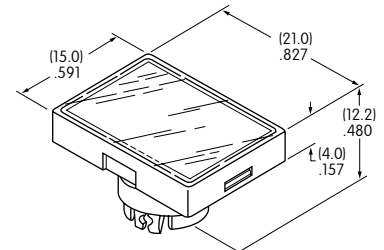
AT3004
Square



AT3005
Round



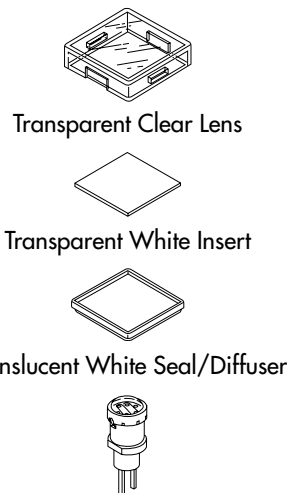
AT3006
Rectangular



Lens/Insert
Colors Available:

JB

 Clear/White

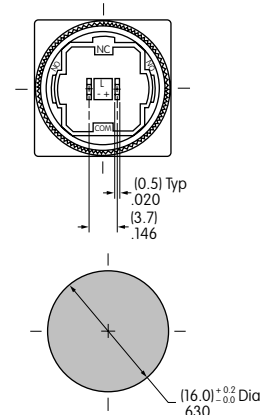
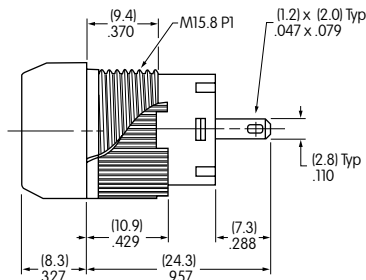
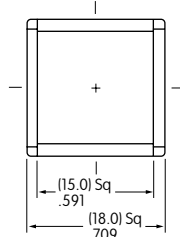


Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)

Bicolor LED AT621

TYPICAL SWITCH DIMENSIONS

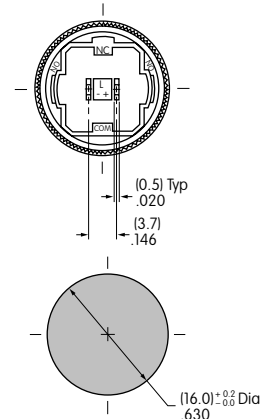
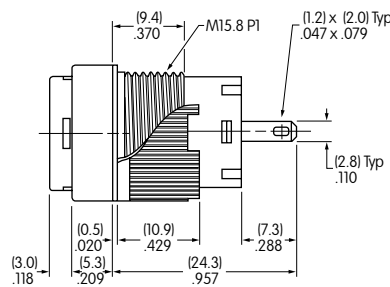
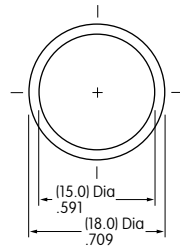
Square • Bushing Mounting



YB01KW01-12-CB

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

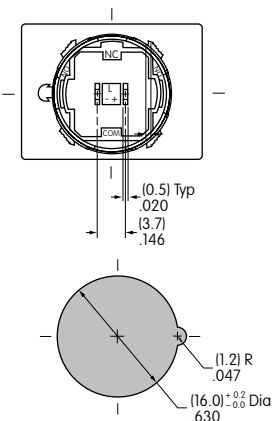
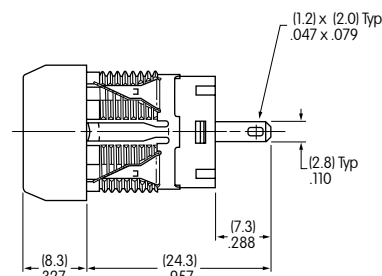
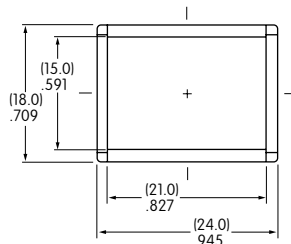
Round • Panel Seal



YB02WKW01-12-CB

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

Rectangular • Snap-in Mounting



YB06KW01-12-CB

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