

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

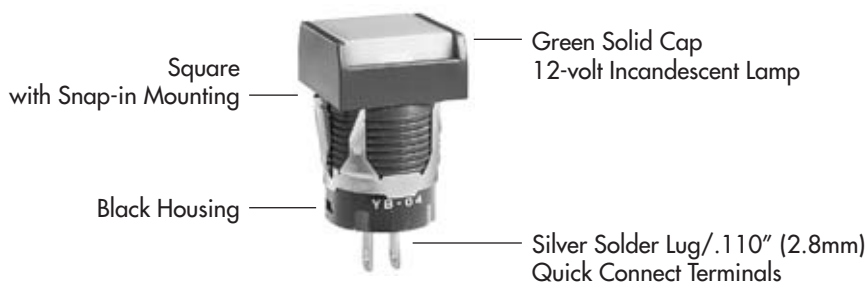
JB	Clear/White
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LED Cap: Lens/Insert Colors

JB	Clear/White
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DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

YB04KW01-12-FB



SHAPES & MOUNTING TYPES

Bushing Mounting

Snap-in Mounting

01 Square

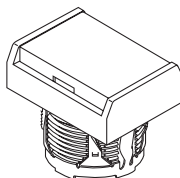
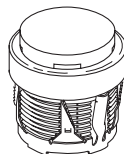
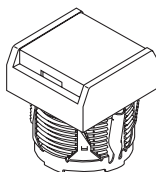
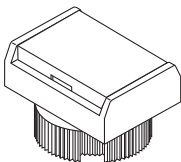
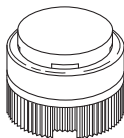
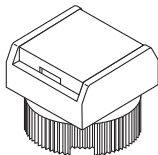
02 Round

03 Rectangular

04 Square

05 Round

06 Rectangular



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

PANEL SEAL

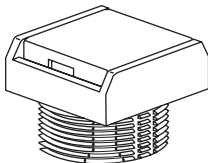
No Code

Without Panel Seal

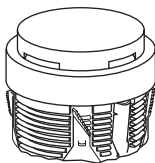
W

With Panel Seal

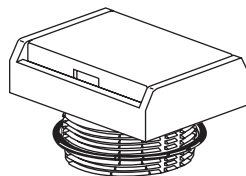
Bushing Mounting



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.

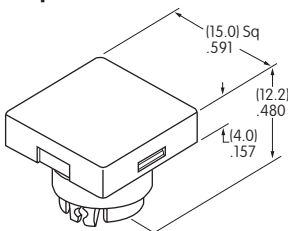
 T-1 Bi-pin	AT611		05	12
	Voltage	V	5V AC	12V AC
	Current	I	115mA	60mA
	MSCP		.150	.150
	Endurance	Hours	7,000 average	
	Ambient Temperature Range		-25°C ~ +50°C	

Solid Cap for Incandescent Lamp

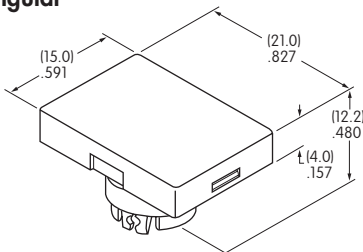
Lens/Insert Colors Available:

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

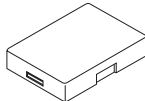
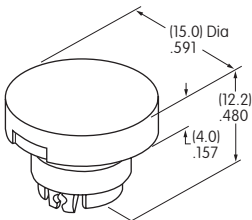
AT3001 Square



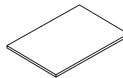
AT3003 Rectangular



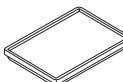
AT3002 Round



Translucent Colored Lens



Translucent White Insert



Translucent White Seal/Filter



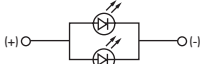
Incandescent Lamp AT611

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

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.

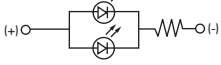
Electrical Specifications for Bright LED without Resistor

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	

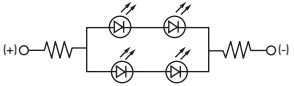
Electrical Specifications for Bright LED with Resistor

Bright AT634  T-1¼ 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

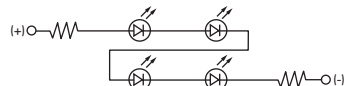
AT634
5-volt,
2-element
with Resistor



AT634
12-volt,
4-element
with Resistor



AT634
24-volt,
4-element
with Resistor

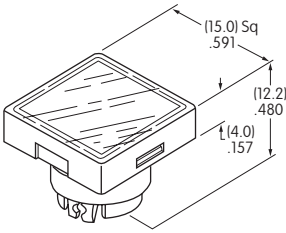


Cap for Bright LED

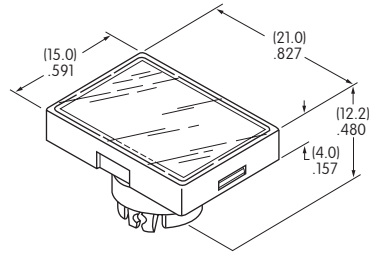
Lens/Insert
Colors Available:

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

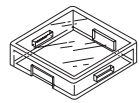
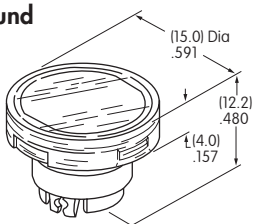
AT3004
Square



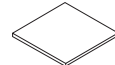
AT3006
Rectangular



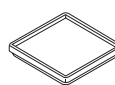
AT3005
Round



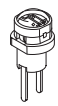
Transparent Clear Lens



Translucent Colored Insert



Translucent White Seal/Diffuser



Bright LEDs
AT628 AT634

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

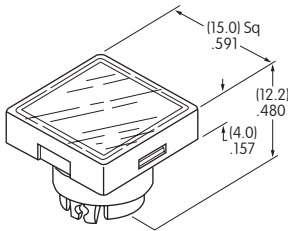
SUPER BRIGHT LEDS & LED CAPS

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.

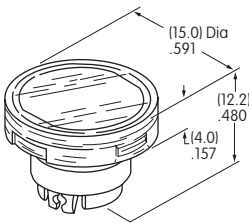
Super Bright AT625G Blue AT631B White AT632F Green  T-1 Bi-pin	  Colors:	6B White	6F Green	6G Blue	Unit	
	Maximum Forward Current	I_{FM}	30	30	30	mA
	Typical Forward Current	I_F	20	20	20	mA
	Forward Voltage	V_F	3.6	3.3	3.3	V
	Maximum Reverse Voltage	V_{RM}	5	7	7	V
	Current Reduction Rate Above 25°C	ΔI_F	0.50	0.40	0.40	mA/°C
	Ambient Temperature Range		-25 ~ +50			°C

Cap for Super Bright LED

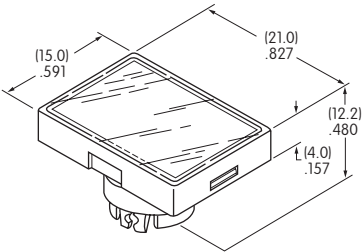
AT3014
Square



AT3015
Round



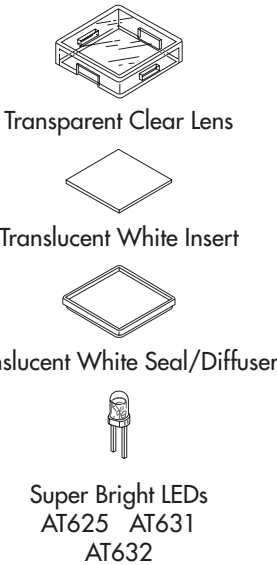
AT3016
Rectangular



Lens/Insert
Colors Available:

JB

 Clear/White

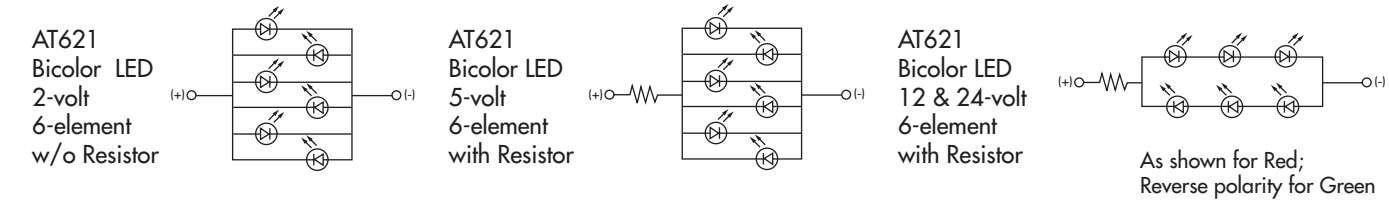


Materials: Polycarbonate (Lens & Insert)
Thermoplastic Elastomer (Seal/Diffuser)

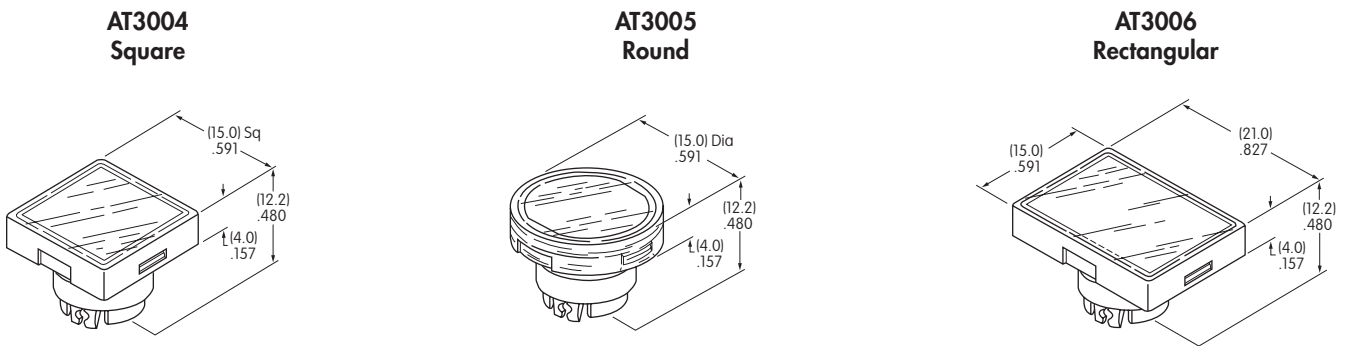
BICOLOR LED & LED CAPS

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
	Maximum Forward Current I_{FM}	60	60	20	12	mA
	Typical 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

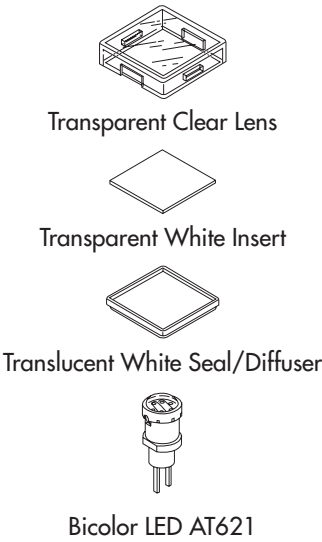


LED Caps



Lens/Insert
Colors Available:

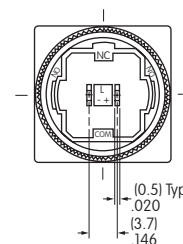
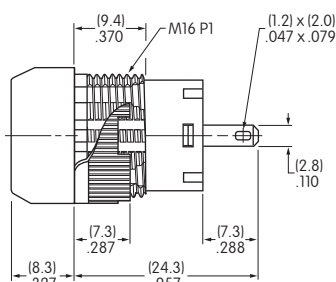
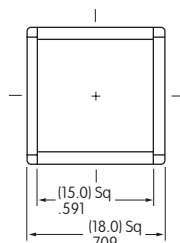
JB Clear/White



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

TYPICAL INDICATOR DIMENSIONS

Square • Bushing Mounting

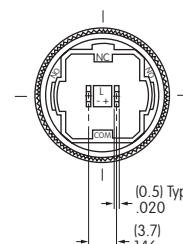
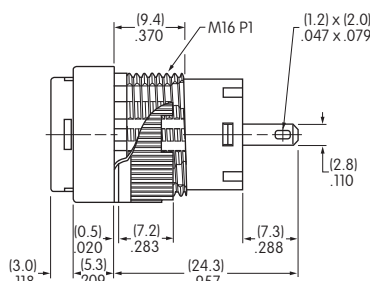
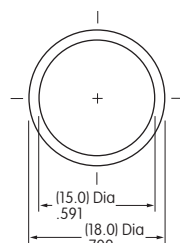


Panel Thickness

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

YB01KW01-12-CB

Round • Panel Seal

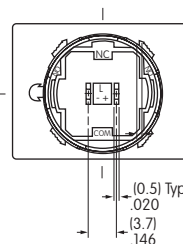
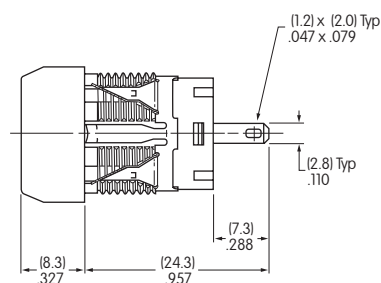
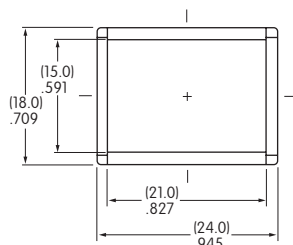


Panel Thickness

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

YB02WKW01-12-CB

Rectangular • Snap-in Mounting



Panel Thickness

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

YB06KW01-12-CB

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

NKK Switches:

[YB02KW01-5F-JF-RO](#) [YB01WKW01-2CF02-JB-RO](#) [YB01KW01-RO](#) [YB02KW01-RO](#) [YB02WKW01-RO](#)
[YB03KW01-RO](#) [YB03WKW01-RO](#) [YB05KW01-RO](#) [YB01KW01-5C-JB-RO](#) [YB01KW01-5D-JB-RO](#) [YB01KW01-5F-JF-](#)
[RO](#) [YB01WKW01-12-CB-RO](#) [YB01WKW01-12-FB-RO](#) [YB01WKW01-12-GB-RO](#) [YB01WKW01-2CF24-JB-RO](#)
[YB01WKW01-5D05-JB-RO](#) [YB02KW01-28-EB-RO](#) [YB02KW01-28-GB-RO](#) [YB02KW01-5F12-JB-RO](#) [YB02WKW01-](#)
[5C05-JC-RO](#) [YB02WKW01-5D24-JD-RO](#) [YB02WKW01-5F12-JF-RO](#) [YB02WKW01-5F24-JB-RO](#) [YB03KW01-5F-JB-](#)
[RO](#) [YB03KW01-6G-JB-RO](#) [YB05KW01-2CF02-JB-RO](#) [YB06KW01-5F-JB-RO](#) [YB02KW01-5D24-JD-RO](#) [YB02KW01-](#)
[5F24-JF-RO](#) [YB02KW01-6F-JB-RO](#) [YB01KW01-12-JD-RO](#) [YB01KW01-12-JC-RO](#)