

## TYPICAL INDICATOR ORDERING EXAMPLE



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

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

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

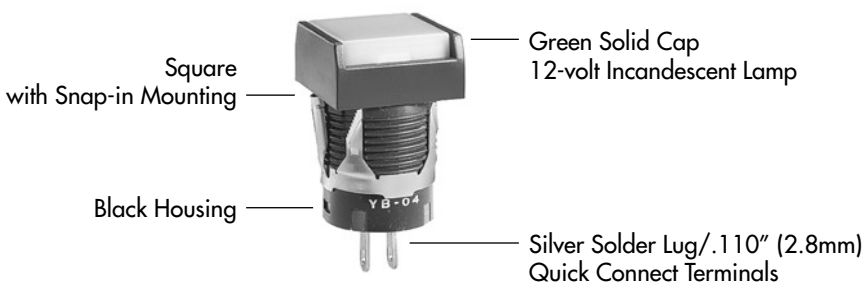
LED Cap: Lens/Insert Colors	
JB	Clear/White

LED Cap: Lens/Insert Colors	
JB	Clear/White

\* Wire harness & cable assemblies offered only in Americas

### 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.

<b>AT611</b>  T-1 Bi-pin		<b>05</b>	<b>12</b>	
	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

<b>Bright AT628</b>   T-1 Bi-pin	<b>Colors Available:</b> <span style="border: 1px solid black; padding: 2px;">5C</span> Red <span style="border: 1px solid black; padding: 2px;">5D</span> Amber <span style="border: 1px solid black; padding: 2px;">5F</span> Green <span style="border: 1px solid black; padding: 2px;">No Code</span> No 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	2.0	V
	Reverse Peak Voltage	$V_{RM}$	4	4	4	V
	Current Reduction Rate Above 25°C	$\Delta I_F$	0.50			mA/°C
	Ambient Temperature Range	-25 ~ +50			°C	

### Electrical Specifications for Bright LED with Resistor

<b>Bright AT634</b>  T-1 1/4 Bi-pin	<b>Colors Available:</b> <span style="border: 1px solid black; padding: 2px;">5C</span> Red <span style="border: 1px solid black; padding: 2px;">5D</span> Amber <span style="border: 1px solid black; padding: 2px;">5F</span> Green <span style="border: 1px solid black; padding: 2px;">05</span> <span style="border: 1px solid black; padding: 2px;">12</span> <span style="border: 1px solid black; padding: 2px;">24</span>	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	$\Delta I_F$	—	—	—	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

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

### 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.

 <p>Super Bright                  AT625G Blue                  AT631B White                  AT632F Green</p> <p>T-1 Bi-pin</p>	 	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>6B</b></div> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>6F</b></div> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>6G</b></div> </div>	Unit			
	Colors:	White	Green	Blue		
	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	$\Delta I_F$	0.50			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



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.

<b>Bicolor AT621</b>  Red/Green  T-1 1/2 Bi-pin	Bicolor LED is translucent white in OFF state.	<b>02</b>	<b>05</b>	<b>12</b>	<b>24</b>	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 $\Delta I_F$	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)

## TYPICAL INDICATOR DIMENSIONS

### Square • Bushing Mounting

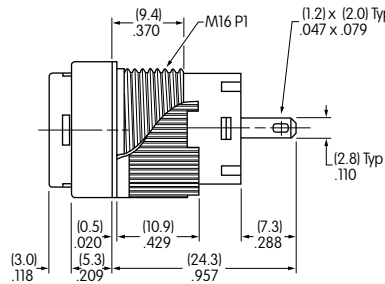


Panel Thickness

.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**



## Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

### Наши контакты:

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331