

## 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
---	------------

### 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

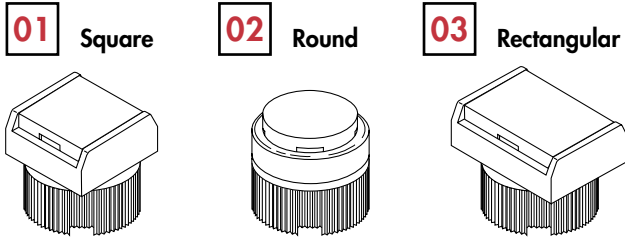
**YB04KW01-12-FB**



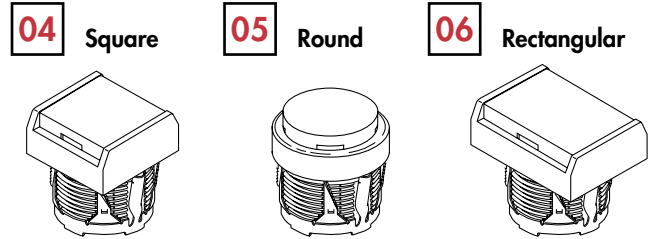
Toggles  
Rockers  
Pushbuttons  
Illuminated PB  
Programmable  
Keylocks  
Rotaries  
Slides  
Tactiles  
Tilt  
Touch  
Accessories  
Supplement

### SHAPES & MOUNTING TYPES

#### Bushing Mounting



#### Snap-in Mounting



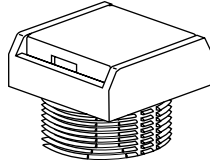
Bezel-barrier is an integral part of the indicator body.

### PANEL SEAL

**No Code**

Without Panel Seal

**Bushing Mounting**



Supplied with mounting nut.

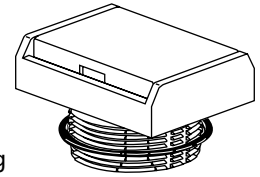
**Snap-in Mounting**



**W**

With Panel Seal


**Bushing Mounting only**



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.

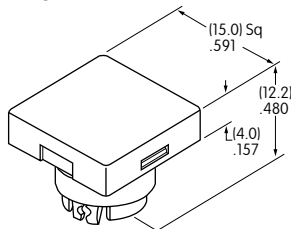
<b>AT611</b>  T-1 Bi-pin		<b>05</b>	<b>12</b>	
	Voltage	V	5V AC	12V AC
	Current	I	115mA	60mA
	MSCP		.150	.150
	Endurance	Hours	7,000 average	
	Ambient Temperature Range		-25°C ~ +50°C	

#### Solid Cap for Incandescent Lamp

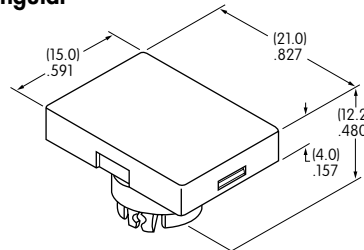
Lens/Insert  
Colors Available:

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

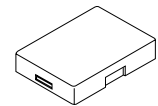
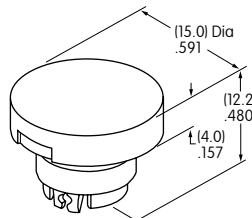
**AT3001 Square**



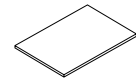
**AT3003 Rectangular**



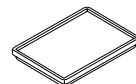
**AT3002 Round**



Translucent Colored Lens



Translucent White Insert



Translucent White Seal/Filter




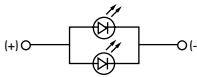
Incandescent Lamp AT611

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.

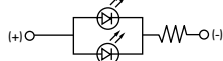
### Electrical Specifications for Bright LED without Resistor

<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	

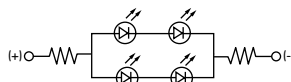
### Electrical Specifications for Bright LED with Resistor

<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	

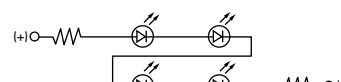
AT634  
5-volt,  
2-element  
with Resistor



AT634  
12-volt,  
4-element  
with Resistor



AT634  
24-volt,  
4-element  
with Resistor

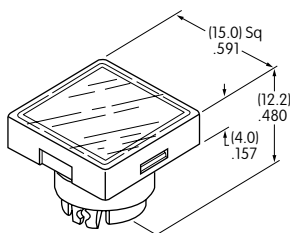


### Cap for Bright LED

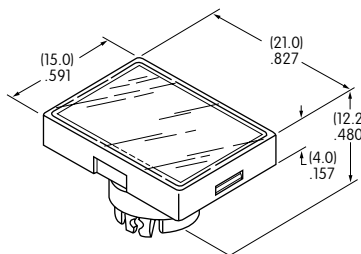
Lens/Insert  
Colors Available:

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

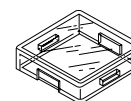
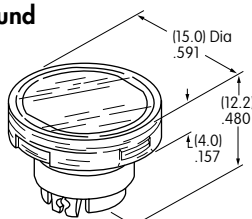
**AT3004**  
Square



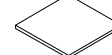
**AT3006**  
Rectangular



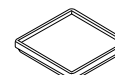
**AT3005**  
Round



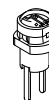
Transparent Clear Lens



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.

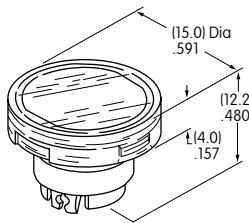
 <p>Super Bright                  AT625G Blue                  AT631B White                  AT632F Green</p> <p>T-1 Bi-pin</p>	 	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>6B</b></div> <div style="border: 1px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

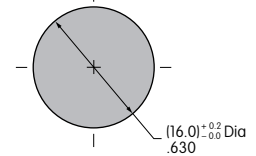
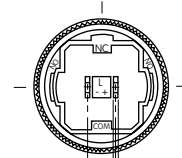
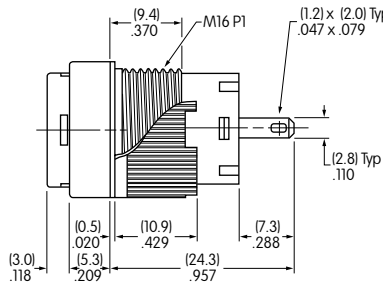
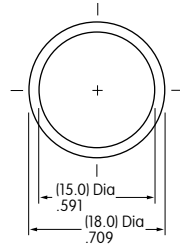
### Square • Bushing Mounting



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

**YB01KW01-12-CB**

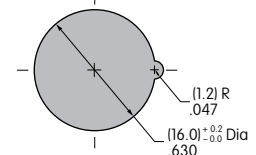
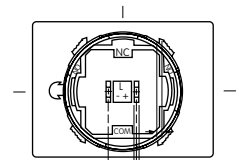
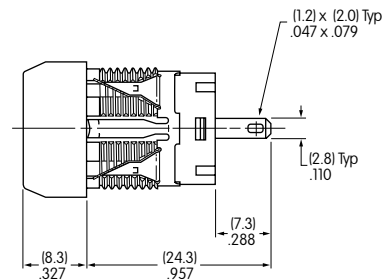
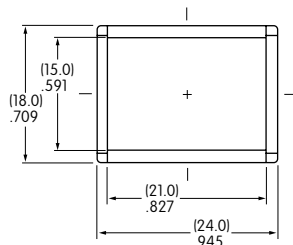
### Round • Panel Seal



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**

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А