

TYPICAL INDICATOR ORDERING EXAMPLE

KB

02

K

W01

—

12

—

FF

Shapes

Bushing Mounting

01	Square
02	Round
03	Rectangular

Snap-in Mounting

04	Square
05	Round
06	Rectangular

Housing

K	Black only
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Terminals

W01	Silver Solder Lug*
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Lamps

Incandescent Lamp Used with Solid Cap

05	5-volt
12	12-volt

Incandescent or Neon Lamp Used with Insert Cap

05	5-volt
12	12-volt
01	110-volt Neon

Bright LED Used with Cap for 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 Used with Cap for LED

6B	White
6F	Green
6G	Blue

Cap Types & Colors

Solid Cap: Lens/Filter Colors

BB	White/White	FB	Green/White
CB	Red/White	FF	Green/Green
CC	Red/Red	GB	Blue/White
EB	Yellow/White	GG	Blue/Blue

Insert Cap: Lens/Filter Colors

JB	Clear/White
JC	Clear/Red
JE	Clear/Yellow
*JF	Clear/Green
*JG	Clear/Blue

* JF & JG not suitable with neon.

LED Cap: Lens/Diffuser Colors

AB	Square Spot Illuminated Black Cap/White Window
JB	Clear/White
JC	Clear/Red
JD	Clear/Amber
JF	Clear/Green

LED Cap: Lens/Diffuser Colors

JB	Clear/White
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* Wire harness & cable assemblies offered only in Americas

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DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

KB02KW01-12-FF



12-volt Incandescent Lamp
Solid Cap with Green Lens
and Green Filter

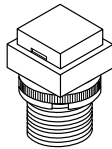
Black Housing
Round with Bushing Mounting

Silver Solder Lug Terminals

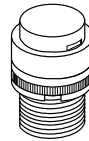
SHAPES & MOUNTING TYPES

Bushing Mounting

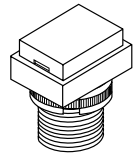
01 .551" (14mm)
Square



02 .551" (14mm)
Round

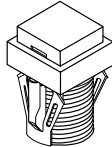


03 .551" x .728" (14mm x 18.5mm)
Rectangular

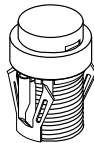


Snap-in Mounting

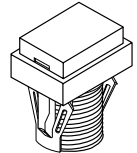
04 .551" (14mm)
Square



05 .551" (14mm)
Round



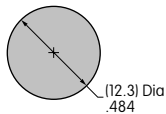
06 .551" x .728" (14mm x 18.5mm)
Rectangular



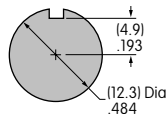
The bezel is an integral part of the indicator body.

Bushing Mounting

Without
Keyway



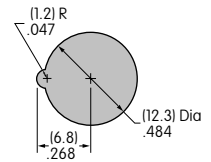
Panel Thickness:
.020" ~ .315"
(0.5 ~ 8mm)



With
Keyway

Snap-in Mounting

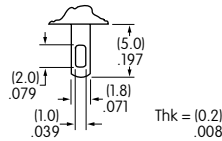
Panel Thickness:
.039" ~ .138"
(1.0 ~ 3.5mm)



TERMINALS

W01

Silver Solder Lug



LAMP COLORS & SPECIFICATIONS

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 ballast resistor calculation and more lamp detail are shown in the Supplement section.

Incandescent & Neon Lamps

AT611 Incandescent	AT615 Neon		05	12	01	Recommended Resistors for Neon: 33K ohms for 110V AC; 100K ohms for 220V AC
						
T-1 Bi-pin		Voltage	V	5V AC	12V AC	
		Current	I	115mA	60mA	
		Endurance	Hours	7,000 average		10,000

Bright LED without Resistor

AT635		Red	Amber	Green	No Code	No Resistor		
LEDs are colored in OFF state.		5C	5D	5F		Red	Amber	Green
		Forward Peak Current		I_{FM}		30mA	30mA	30mA
		Continuous Forward Current		I_F		20mA	20mA	20mA
		Forward Voltage		V_F		1.9V	2.0V	2.1V
		Reverse Peak Voltage		V_{RM}		5V	5V	5V
		Current Reduction Rate Above 25°C		ΔI_F		0.42mA/°C	0.29mA/°C	0.42mA/°C
		Ambient Temperature Range				-25° ~ +50°C		



T-1 1/2 Bi-pin

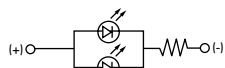
LAMP COLORS & SPECIFICATIONS

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 ballast resistor calculation and more lamp detail are shown in the Supplement section.

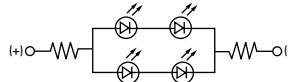
Bright LED with Resistor

AT634	Color Codes:	Red	Amber	Green	Resistor Codes		
		5C	5D	5F	05	12	24
LEDs are colored in OFF state.  T-1 1/4 Bi-pin	Forward Peak Current	I_{FM}			—	—	—
	Continuous Forward Current	I_F			25mA	20mA	10mA
	Forward Voltage	V_F			5V	12V	24V
	Reverse Peak Voltage	V_{RM}			4V	8V	16V
	Current Reduction Rate Above 25°C	ΔI_F			—	—	—
	Ambient Temperature Range				-25° ~ +50°C		

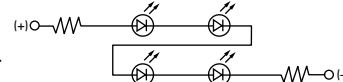
AT634
5-volt
2-element
with 1 Resistor



AT634
12-volt
4-element
with 2 Resistors



AT634
24-volt
4-element
with 2 Resistors



Super Bright Single Element LED

AT625G Blue AT631B White AT632F Green	Color	6B	6F	6G
		White	Green	Blue
 T-1 Bi-pin	Forward Peak Current	I_{FM}		
	Continuous Forward Current	I_F		
	Forward Voltage	V_F		
	Reverse Peak Voltage	V_{RM}		
	Current Reduction Rate Above 25°C	ΔI_F		
	Ambient Temperature Range			



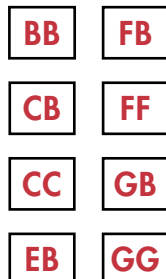
T-1 Bi-pin

CAP TYPES & COLOR COMBINATIONS

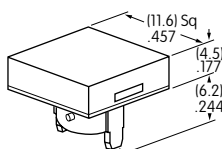
Color Codes: B White C Red E Yellow F Green G Blue J Clear

Solid Cap for Incandescent Lamp

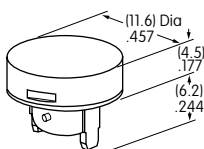
Lens/Filter Colors Available:



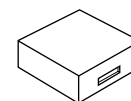
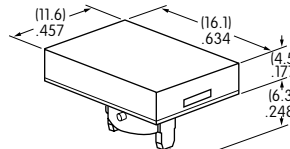
AT485
Square



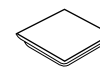
AT486
Round



AT4021
Rectangular



Translucent Colored Lens



Translucent Colored Filter



Lamp AT611

Material: Polycarbonate Finish: Glossy

CAP TYPES & COLOR COMBINATIONS

Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **J** Clear

Insert Cap for Incandescent or Neon Lamp

Lens/Filter Colors Available:

JB

AT487
Square

AT488
Round

AT4022
Rectangular



Transparent Clear Lens

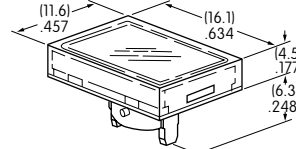
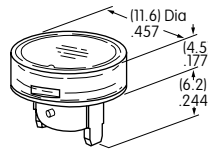
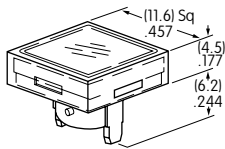
JC

JE



Translucent Colored Filter

JF



JG



JF and JG not suitable with neon lamp.

Material: Polycarbonate Finish: Glossy

Lamp AT611

Lamp AT615

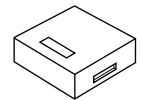
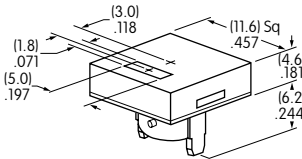
Spot Illuminated Cap for Bright LED without Resistor or with Resistor

Cap/Window Colors Available:

AB

Opaque Black Cap with Translucent White Window for Spot Illumination

AT4051
Square



Bright LED
AT635

Bright LED
AT634

Material: Polycarbonate Finish: Matte

Cap for Bright LED without Resistor or LED with Resistor

Lens/Diffuser Colors Available: (AT4133, 4132, 4134 white diffusers; AT4158, 4160, 4159 colored diffusers)

JB

AT4133

AT4132

AT4134



Transparent Clear Lens

Square

Round

Rectangular

JC

AT4158

AT4160

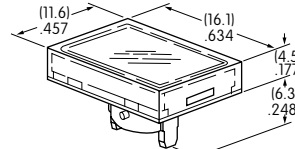
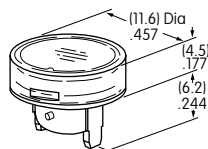
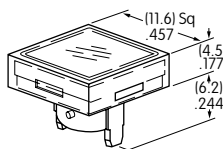
AT4159



Translucent Diffuser

JD

JF



Bright LED
AT635

Bright LED
AT634

Material: Polycarbonate Finish: Glossy

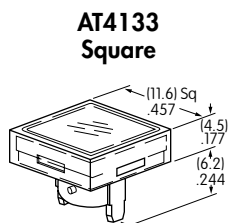
CAP TYPES & COLOR COMBINATIONS

Cap for Super Bright LED

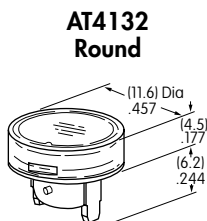
Lens/Diffuser
Colors Available:



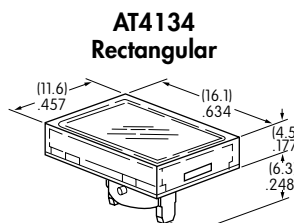
Clear Lens
White Diffuser



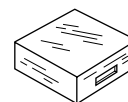
AT4133
Square



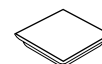
AT4132
Round



AT4134
Rectangular



Translucent Clear Lens



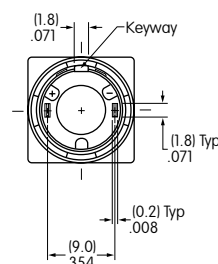
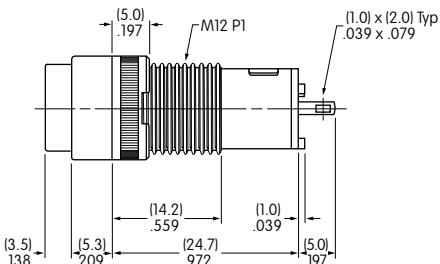
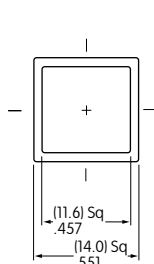
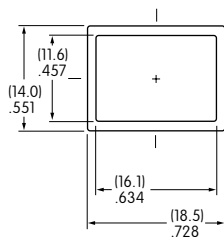
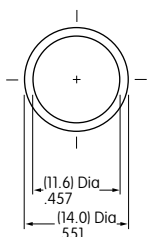
Translucent White Diffuser



Super Bright LEDs
AT625, AT631, AT632

Material: Polycarbonate Finish: Glossy

TYPICAL INDICATOR DIMENSIONS

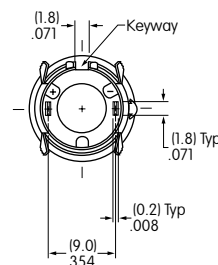
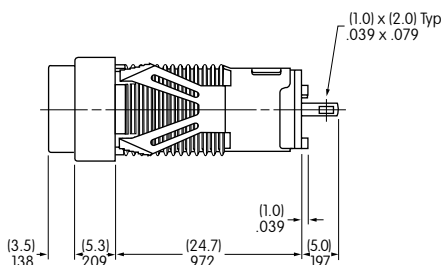
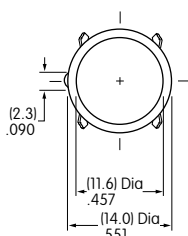
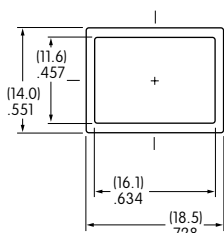
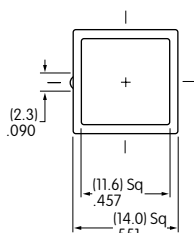


Bushing Mount



KB01KW01-05-GG

Snap-in Mount



KB05KW01-05-FF

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

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

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