

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

Terminals

W01

Silver Solder Lug*

* Wire harness & cable assemblies offered only in Americas

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

5F

Green

12

12-volt

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

* Wire harness & cable assemblies offered only in Americas

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



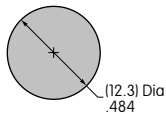
06 .551" x .728" (14mm x 18.5mm)
Rectangular



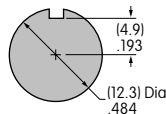
The bezel is an integral part of the indicator body.

Bushing Mounting

Without
Keyway



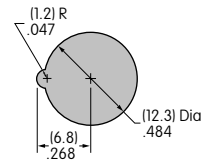
Panel Thickness:
.020" ~ .315"
(0.5 ~ 8mm)



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
		Voltage	V	5V AC	12V AC	110V AC
		Current	I	115mA	60mA	1.5mA
		Endurance	Hours	7,000 average		10,000

Bright LED without Resistor

AT635

LEDs are colored in OFF state.





T-1 ½ Bi-pin

	Red	Amber	Green	No Code No Resistor		
Color Codes	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.

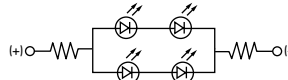
Bright LED with Resistor

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		

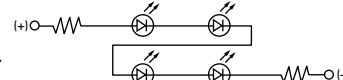
AT634
5-volt
2-element
with 1 Resistor



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			



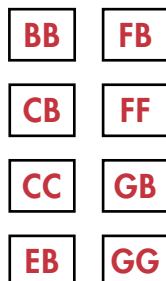
T-1 Bi-pin

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:



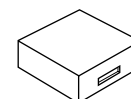
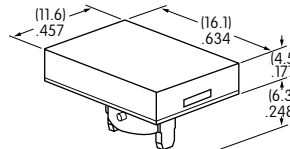
AT485
Square



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

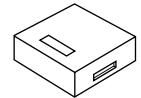
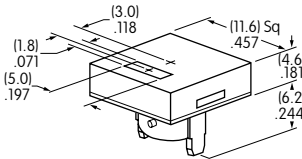
Spot Illuminated Cap for Bright LED without Resistor or with Resistor

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

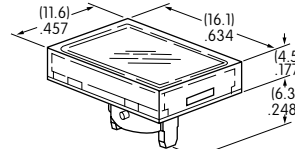
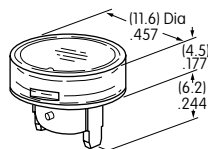
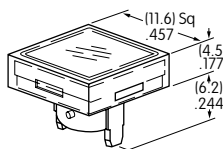
AT4159



Translucent Diffuser

JD

JF



Bright LED
AT635

Bright LED
AT634

Material: Polycarbonate Finish: Glossy

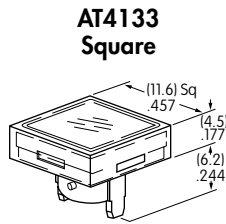
CAP TYPES & COLOR COMBINATIONS

Cap for Super Bright LED

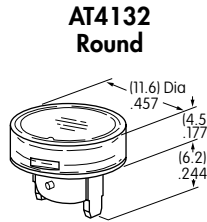
Lens/Diffuser
Colors Available:

JB

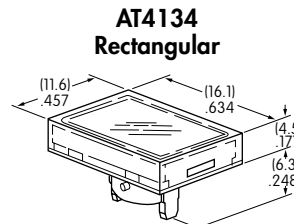
Clear Lens
White Diffuser



**AT4133
Square**



**AT4132
Round**



**AT4134
Rectangular**



Translucent Clear Lens



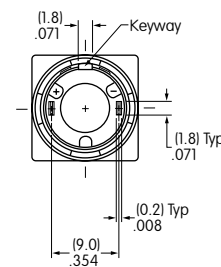
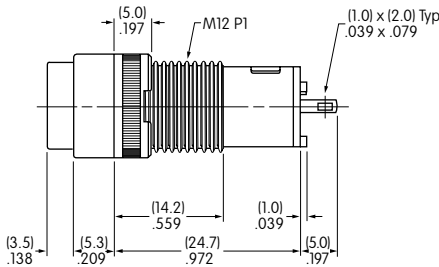
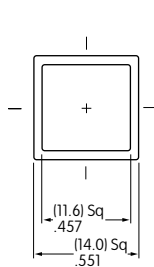
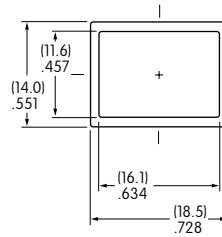
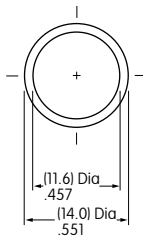
Translucent White Diffuser



Super Bright LEDs
AT625, AT631, AT632

Material: Polycarbonate Finish: Glossy

TYPICAL INDICATOR DIMENSIONS

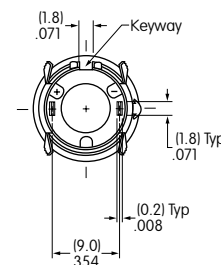
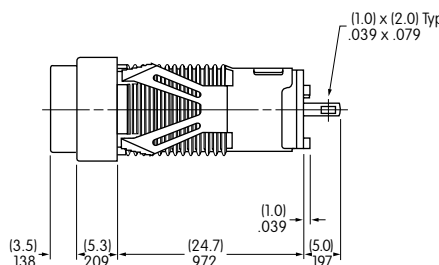
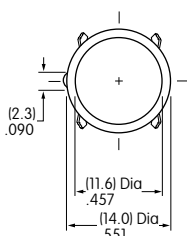
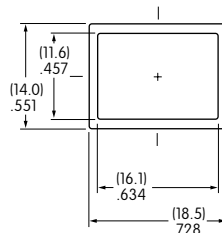
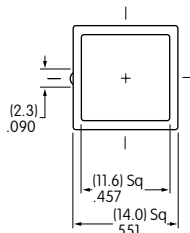


Bushing Mount



KB01KW01-05-GG

Snap-in Mount



KB05KW01-05-FF

AMEYA360

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