

BL0106-15-48

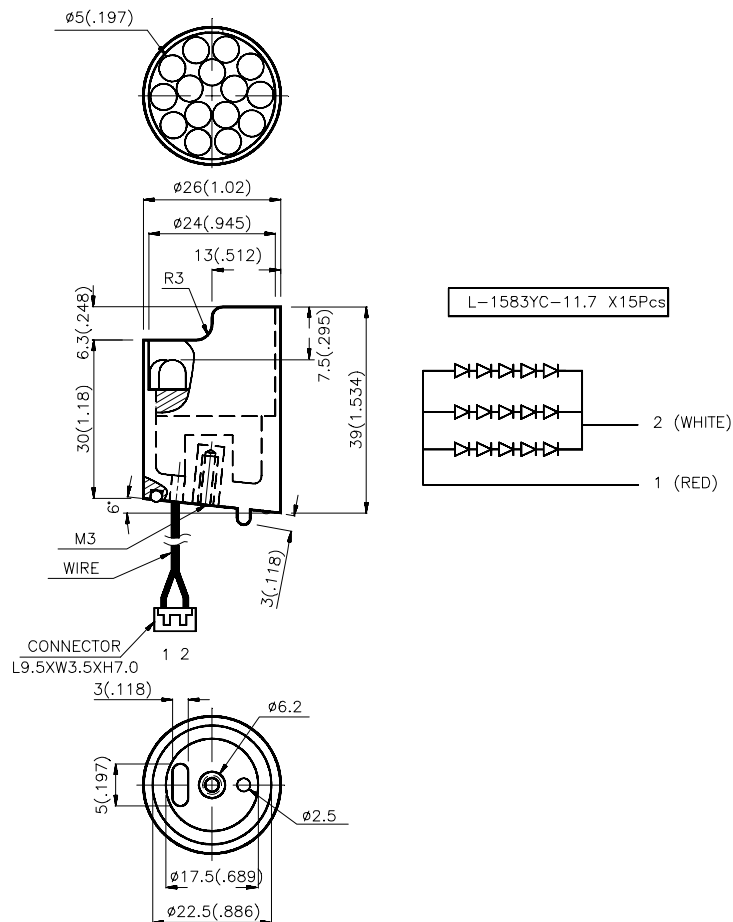
Features

- NO. OF BUILT-IN 5mm LED LAMPS: L-1583YC-11.7
- WATERPROOF PACKAGE WITH HOOD SUITABLE FOR OUTDOOR AND INDOOR INFORMATION BOARDS

Description

The Yellow source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Yellow Light Emitting Diode.

Package Dimensions



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subject to change without notice.

Electrical / Optical Characteristics at $T_A=25^{\circ}\text{C}$

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
I_V	Luminous Intensity	BL0106-15-48	330		mcd	IF=60mA
θ	Viewing Angle		35		Deg	-
V_F	Forward Voltage		10.4	12.0	V	IF=60mA
λ_{peak}	Peak Wavelength		590		nm	IF=60mA
λ_D	Dominant Wavelength		587		nm	IF=60mA
$\Delta\lambda_{1/2}$	Spectral Line Halfwidth		35		nm	IF=60mA
I_R	Reverse Current			10	μA	VR =5V

Absolute Maximum Ratings at $T_A=25^{\circ}\text{C}$

Parameter	BL0106-15-48	Units
Power dissipation	720	mW
DC Forward Current	75	mA
Reverse Voltage	5	V
Operating Temperature	-40 to +70	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

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