

Part Number: BL0106-15-29

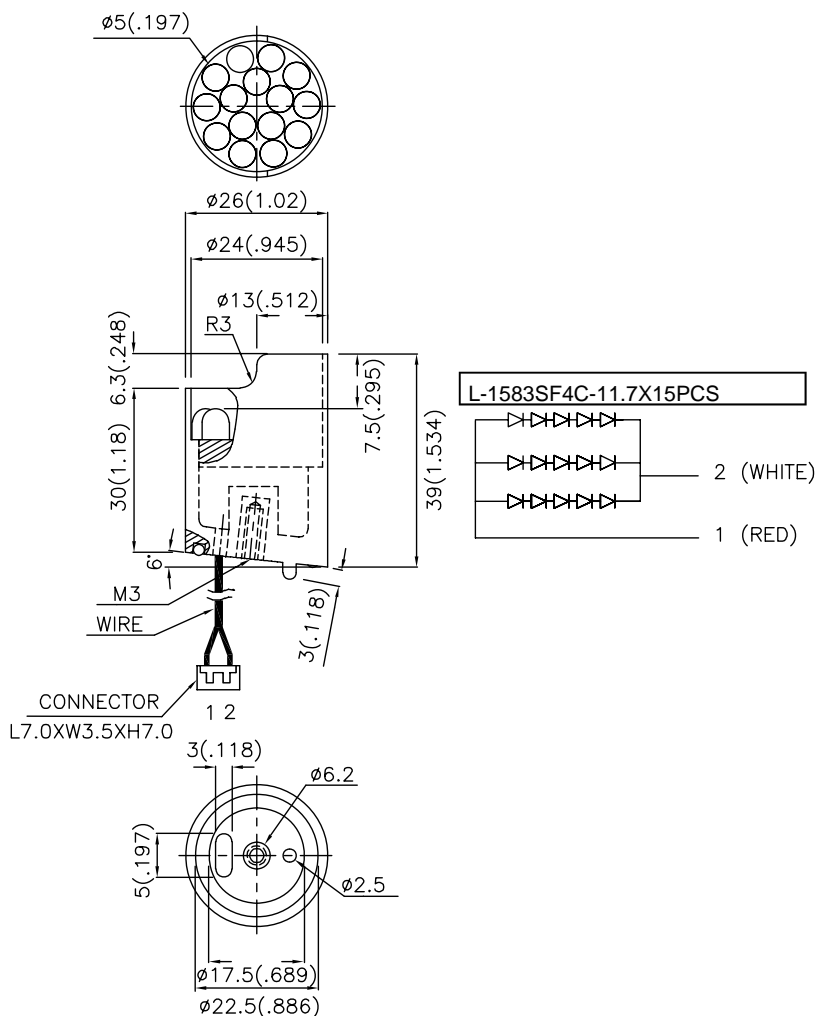
Features

- WATER PROOF PACKAGE WITH HOOD SUITABLE FOR OUTDOOR AND INDOOR INFORMATION BOARDS.
- CAN PRODUCE ANY COLOR IN VISIBLE SPECTRUM, INCLUDING WHITE LIGHT.
- RoHS COMPLIANT.

Description

SF4 Made with Gallium Aluminum Arsenide Infrared Emitting diodes.

Package Dimensions



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
3. Specifications are subjected to change without notice.



Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Min	Typ.	Max.	Units	Test Conditions
I _v	Luminous Intensity	BL0106-15-29	180	350	-	Mw/sr	I _F =60mA
210/2	Viewing Angle		-	40	-	deg	-
V _F	Forward Voltage		-	6.5	8	V	I _F =60mA
λ _{peak}	Peak Wavelength		-	880	-	nm	I _F =60mA
Δλ _{1/2}	Spectral Line Half-width		-	50	-	nm	I _F =60mA
I _R	Reverse Current		-	-	30	uA	V _R = 5V

Absolute Maximum Ratings at T_A=25°C

Parameter	Type	Units
Power dissipation	580	mW
DC Forward Current	90	mA
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	