

Part Number: BL0106-15-28

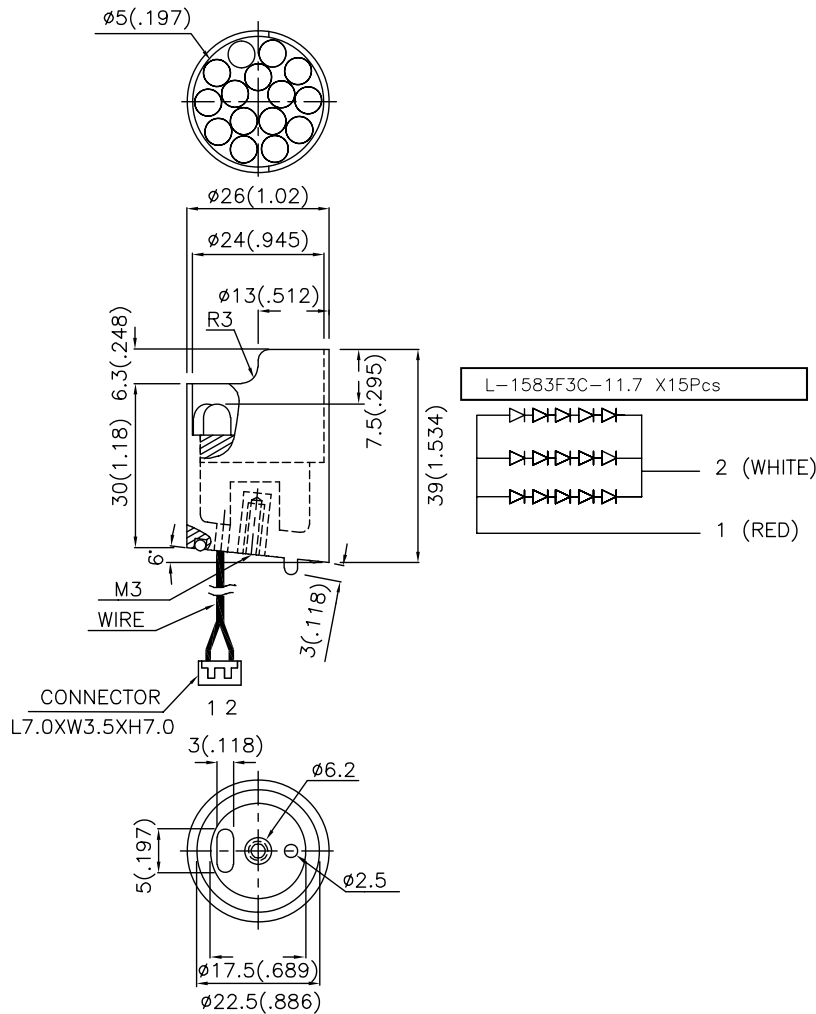
### Features

- WATER PROOF PACKAGE WITH HOOD SUITABLE FOR OUTDOOR AND INDOOR INFORMATION BOARDS.
- RoHS COMPLIANT.

### Description

F3 Made with Gallium 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<sub>A</sub>=25°C

Symbol	Parameter	Device	Min	Typ.	Max.	Units	Test Conditions
I <sub>v</sub>	Luminous Intensity	BL0106-15-29	180	320	-	Mw/sr	I <sub>F</sub> =60mA
210/2	Viewing Angle		-	40	-	deg	-
V <sub>F</sub>	Forward Voltage		-	6	8	V	I <sub>F</sub> =60mA
λ <sub>peak</sub>	Peak Wavelength		-	940	-	nm	I <sub>F</sub> =60mA
Δλ <sub>1/2</sub>	Spectral Line Half-width		-	50	-	nm	I <sub>F</sub> =60mA
I <sub>R</sub>	Reverse Current		-	-	30	uA	V <sub>R</sub> = 5V

## Absolute Maximum Ratings at T<sub>A</sub>=25°C

Parameter	Type	Units
Power dissipation	540	mW
DC Forward Current	90	mA
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	