

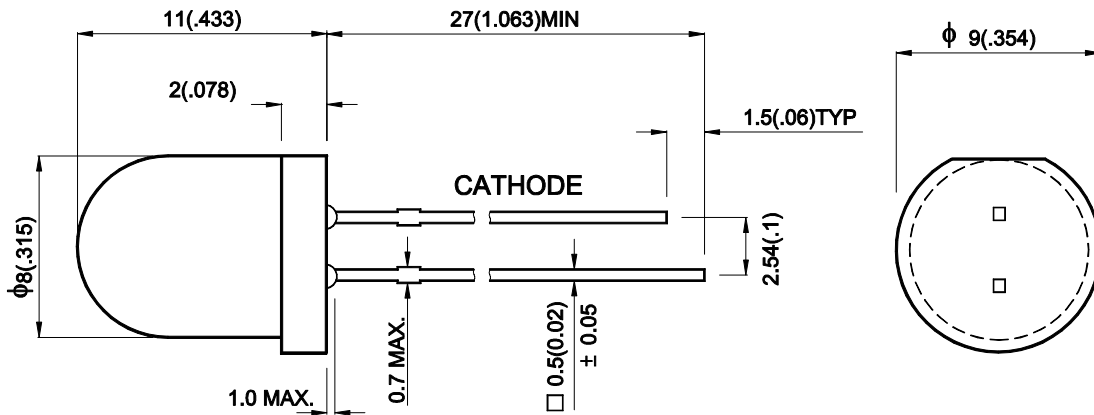
## 8mm BLUE LED LAMP

**Remark :**

Static Electricity and surge damages the LED.

It is recommend to use a wrist band or anti-electrostatic glove when handling the LED.

All devices , equipment and machinery must be properly grounded.



UNIT : MM[INCH]

TOLERANCE :  $\pm 0.25[\pm 0.01]$  UNLESS OTHERWISE NOTED

### \* Absolute Maximum Ratings

Item	Symbol	Rating	Unit
DC Forward Current	$I_F$	30	mA
Reverse Voltage	$V_R$	5	V
Peak Forward Current (1/10 Duty cycle @ 1KHz)		100	mA
Operating Temperature	$T_{opr}$	-20~+80	° C
Storage Temperature	$T_{stg}$	-30~+100	° C

### \* Electrical and Optical Charateristics

( $T_A=25^\circ$  C)

Item	Symbol	Condition	Min.	Typ.	Max.	UNIT
Forward Voltage	$V_F$	$I_F=20mA$	-	3.8	4.5	V
Reverse Current	$I_R$	$V_R=5V$	-	-	100	uA
Peak Emission Wavelength	$\lambda_P$	$I_F=20mA$	-	430	-	nm
Spectral half-width	$\Delta\lambda$	$I_F=20mA$	-	65	-	nm

### Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @20mA		Viewing Angle
			Min.	Typ.	2θ 1/2
L-793MBDL	BLUE(GaN)	BLUE DIFFUSED	8	30	60°

APPROVED:

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SCALE :

3 : 1

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V.1

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