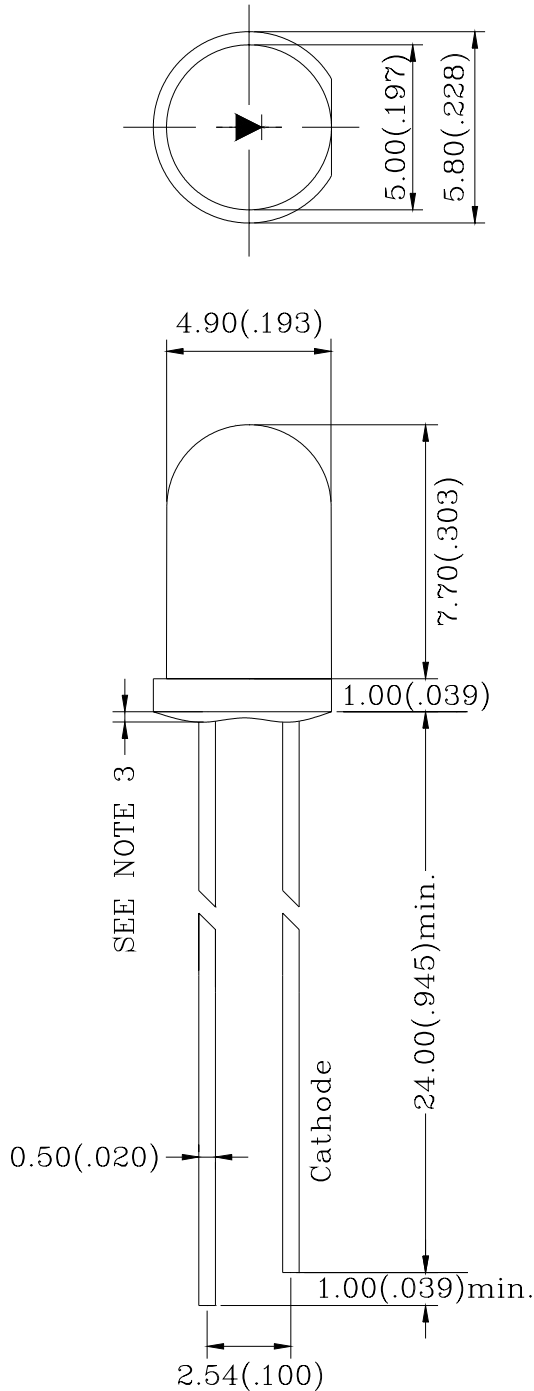


5.0 mm DIA LED LAMP

LED-560W2D

REV:A/1

PACKAGE DIMENSIONS



Note:

1. All Dimensions are in millimeters.
2. Tolerance is $\pm 0.25\text{mm}$ (0.010 ") Unless otherwise specified.
3. Protruded resin under flange is 1.5mm (0.059 ") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specification are subject to change without notice
6. The LEDs are sensitive to ESD ; Please take special precal precaution on handling

5.0 mm DIA LED LAMP

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FEATURES

- * SUITABLE HIGH PULSE CURRENT OPERATION
- * EXTRA HIGH RADIANT POWER AND RADIANT INTENSITY
- * HIGH RELIABILITY
- * LOW FORWARD VOLTAGE

CHIP MATERIALS

- * Dice Material : GaInN
- * Light Color : ULTRA WHITE
- * Lens Color : WHITE DIFFUSED

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

SYMBOL	DESCRIPTION	ULTRA WHITE	UNIT
PD	Power Dissipation	120	mW
VR	Reverse Voltage	5	V
IF	Average Forward Current	30	mA
-	Derating Linear From 25°C	0.4	mA/°C
Topr	Operating Temperature Range	-25°C to 85°C	
Tstg	Storage Temperature Range	-40°C to 85°C	
Lead Soldering Temperature { 1.6mm(0.063 inch) From Body } 250°C±5°C For 3 Seconds			

ELECTRO-OPTICAL CHARACTERISTICS:(Ta=25°C)

SYMBOL	DESCRIPTION	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
VF	Forward Voltage	IF = 20mA		3.2		V
IR	Reverse Current	VR = 5V			100	µA
2θ1/2	Half Intensity Angle	IF = 20mA		60		deg
Iv	Luminous Intensity	IF = 20mA		2100		mcd
X	Chromaticity Coordinates	IF = 20mA		0.29		
Y		IF = 20mA		0.30		

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