

# BRIGHT LED ELECTRONICS CORP.

## LED LAMPS SPECIFICATION



●COMMODITY : T-1 Standard 0.5"Lead , 3  $\phi$

●DEVICE NUMBER : BL-B5121

VERSION : 1.1 / 1998,12,11

●ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta=25°C)

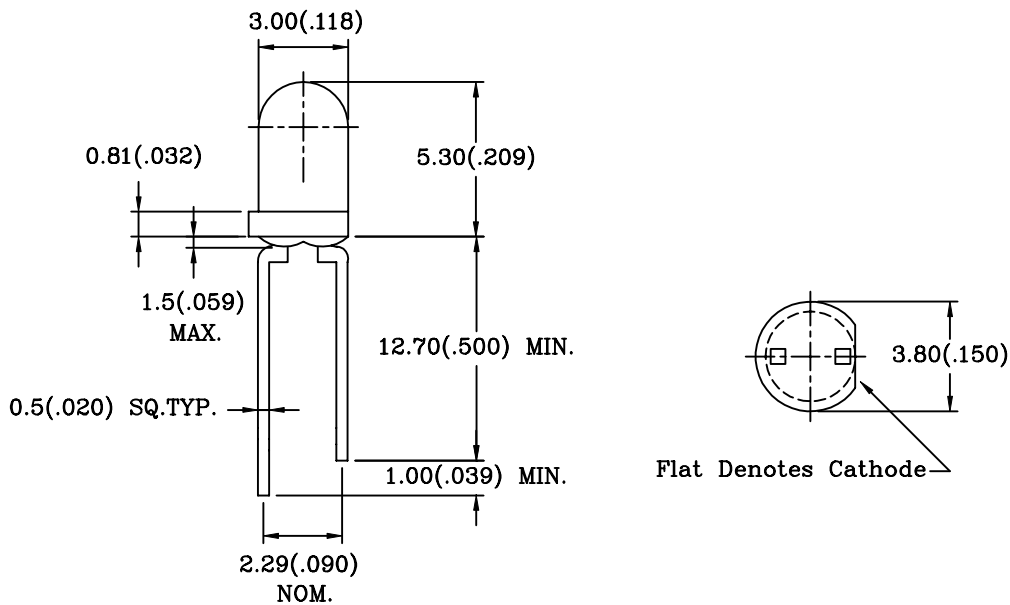
Chip		Lens Appearance	Absolute Maximum Rating				Electro-optical Data (At 20mA)			Viewing Angle 2 $\theta$ 1/2 (deg)
Emitted Color	Peak Wave Length $\lambda$ P(nm)		$\Delta \lambda$ (nm)	Pd (mW)	If (mA)	Peak If(mA)	Vf(V)		Iv Typ. (mcd)	
							Typ.	Max.		
Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	4.0	45

Remark : Viewing angle is the Off-axis angle at which the luminous intensity is half the axial luminous intensity.

●ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Reverse Voltage .....	5V
Reverse Current (-Vr=5V) .....	100 $\mu$ A
Operating Temperature Range .....	-40°C ~ 80°C
Storage Temperature Range .....	-40°C ~ 85°C
Lead Soldering Temperature .....	260°C For 5 Seconds

●PACKAGE DIMENSIONS





NOTES: 1.All dimensions are in millimeters (inches).

2.Tolerance is  $\pm$  0.5mm unless otherwise specified.

3.Lead spacing is measured where the leads emerge from the package.

4.Specifications are subject to change without notice.

RELEASED :  2001.03.09

ENGINEER :  2001.03.09