

Model: L-5T2CSR-D3

30 Degree 5mm LED Lamp in HighRed Color with Water Transparent Lens and Stopper

Dice Material:

AlGaInP

Applications:

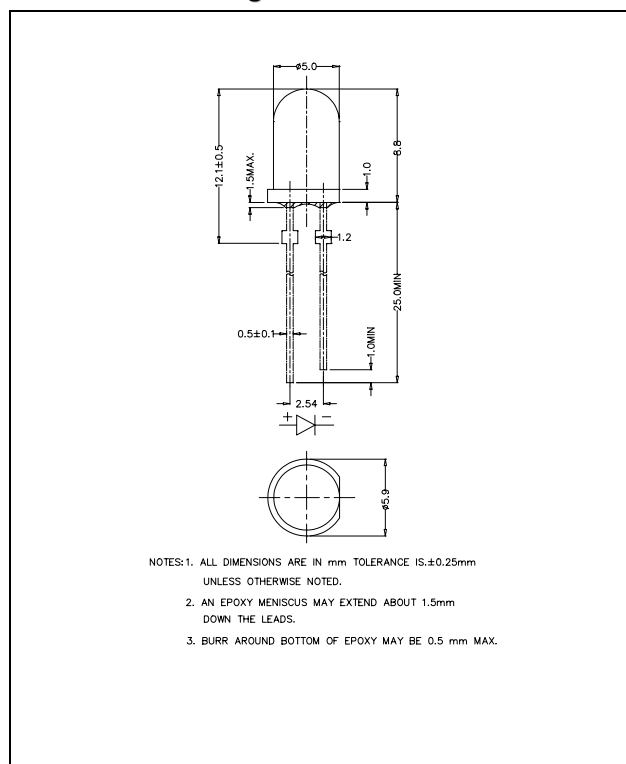
- Advertising Signs
- Indicators
- Traffic
- Automotive Lighting

Absolute Maximum Ratings at Ta = 25°C

Items	Symbol	Absolute maximum Rating	Unit
Forward Current	I_F	50	mA
Peak Forward Current*	I_{FP}	200	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	130	mW
Operation Temperature	T_{opr}	-40 ~ + 95	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T_{sol}	Max.260°C for 5 sec Max. (3mm from the base of the epoxy bulb)	

*pulse width <=0.1msec duty <=1/10

Dimension Drawing



Typical Electrical & Optical Characteristics (Ta = 25°C)

Items	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$I_F = 20mA$	---	2.3	2.6	V
Reverse Current	I_R	$V_R = 5V$	---	---	100	μA
Dominant Wavelength	λ_D	$I_F = 20mA$	620	628	635	nm
Luminous Intensity	I_v	$I_F = 20mA$	3000	3800	---	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F = 20mA$	---	30	---	deg

Ranks Combination ($I_F = 20mA$)

Rank	W	X
Luminous Intensity	3000-4180 mcd	4180-5860 mcd

Rank	V2	V3	V4	V5
Voltage	1.8-2.0V	2.0-2.2V	2.2-2.4V	2.4-2.6V