

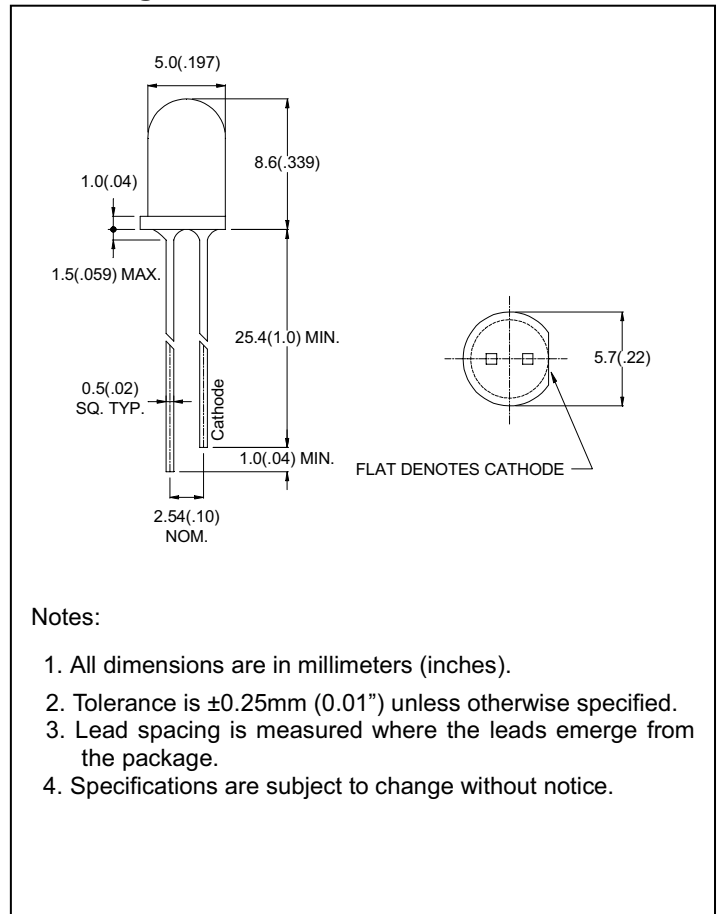
● Features:

1. Chip material: GaP/GaP
2. Emitted color : hi-eff green
3. Lens Appearance : green diffused
4. Pulse Rate 2.4 Hz (VDD=5V)
5. Operating Voltage : 5V~13V (DC)
6. Easily be driven by TTL & C-MOS circuit no external circuit needed
7. Long life solid state reliability.

● Applications:

1. TV set
2. Monitor
3. Telephone
4. Computer
5. Circuit board

● Package dimensions



● Absolute maximum ratings(Ta=25°C)

Parameter	Symbol	Rating	Unit
Operating Voltage	V_O	13(max)	V
Reverse Voltage	V_R	5(max)	V
Operating Temperature	T_{opr}	-40°C~80°C	
Storage Temperature	T_{stg}	-40°C~85°C	
Soldering Temperature	T_{sol}	260°C (for 5 seconds)	

● Electrical and optical characteristics(Ta=25°C)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Pulse Rate	Pd	VDD=5V	2.0	2.4	2.8	Hz
Luminous Intensity	Iv	I _F =20mA	-	60	-	mcd
Peak Wave Length	λ p	I _F =20mA	-	568	-	nm
Dominant Wave Length	λ d	I _F =20mA	567	-	573	nm
Spectral Line Half-width	Δ λ	I _F =20mA	-	30	-	nm
Viewing Angle	2θ _{1/2}	I _F =20mA	-	45	-	deg

● Typical electro-optical characteristics curves

Fig.1 Relative intensity vs. Wavelength

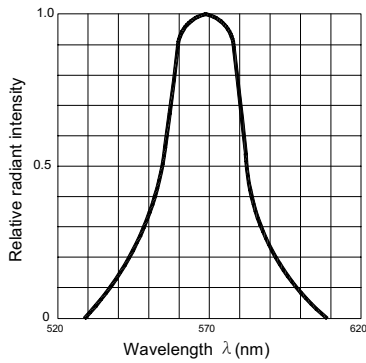


Fig.2 Forward current derating curve vs. Ambient temperature

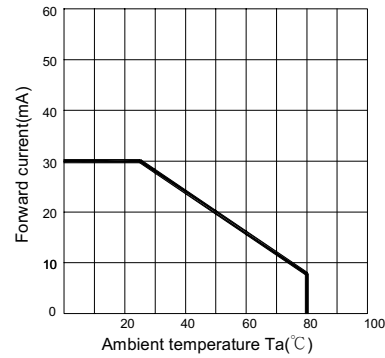


Fig.3 Forward current vs. Forward voltage

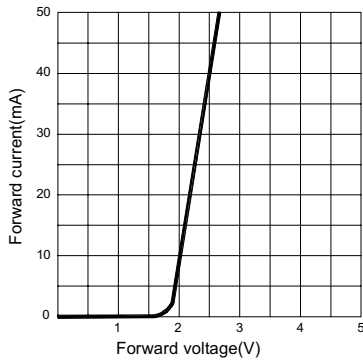


Fig.4 Relative luminous intensity vs. Ambient temperature

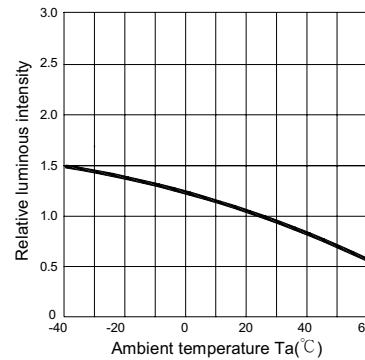


Fig.5 Relative luminous intensity vs. Forward current

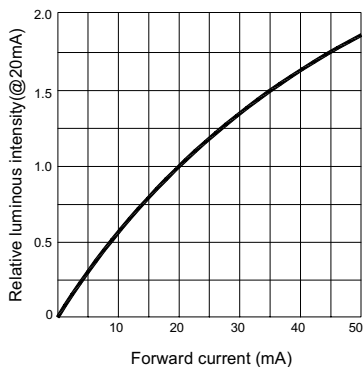


Fig.6 Radiation diagram

