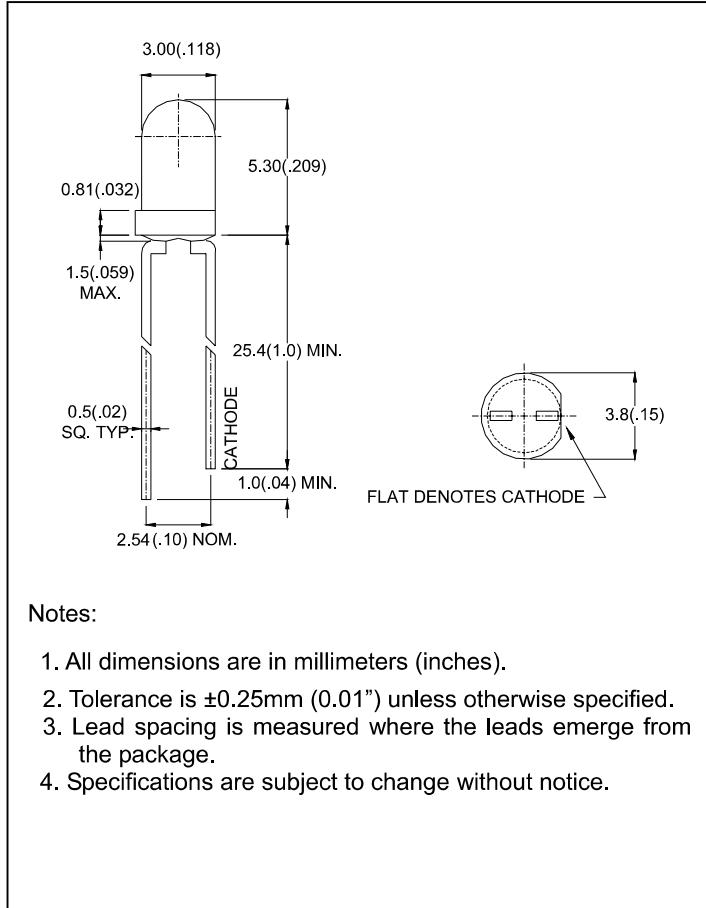


● Features:

1. Chip material: GaAsP /GaP
2. Emitted color : Yellow
3. Lens Appearance : Yellow diffused
4. Pulse Rate 2.4 Hz (VDD=5V)
5. Operating Voltage : 5V~12V (DC)
6. Easily be driven by TTL & C-MOS circuit no external circuit needed
7. Long life solid state reliability.
8. This product don't contained restriction substance, compliance ROHS standard.

● Package dimensions



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ ($0.01''$) unless otherwise specified.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.

● Applications:

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

● Absolute maximum ratings($T_a=25^\circ\text{C}$)

Parameter	Symbol	Rating	Unit
Operating Voltage	V_o	12(max)	V
Reverse Voltage	V_R	5(max)	V
Operating Temperature	T_{opr}	$-40^\circ\text{C} \sim 80^\circ\text{C}$	
Storage Temperature	T_{stg}	$-40^\circ\text{C} \sim 85^\circ\text{C}$	
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	-	2.4	2.8	Hz
Luminous Intensity	Iv	I _F =25mA	-	20	-	mcd
Peak Wave Length	λ p	I _F =20mA	-	585	-	nm
Dominant Wave Length	λ d	I _F =20mA	582	-	595	nm
Spectral Line Half-width	Δ λ	I _F =20mA	-	35	-	nm
Viewing Angle	2θ _{1/2}	I _F =20mA	-	45	-	deg

● Typical electro-optical characteristics curves

Fig.1 Relative intensity vs. Wavelength

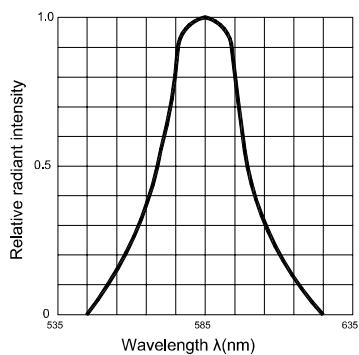


Fig.2 Forward current derating curve vs. Ambient temperature

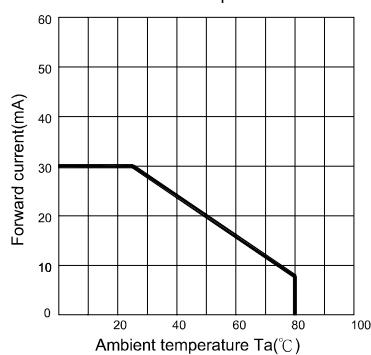


Fig.3 Forward current vs. Forward voltage

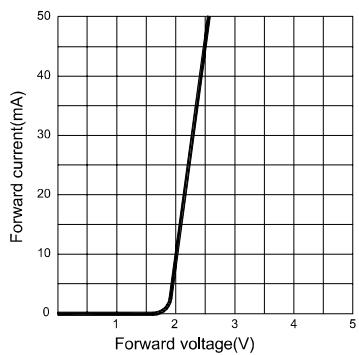


Fig.4 Relative luminous intensity vs. Ambient temperature

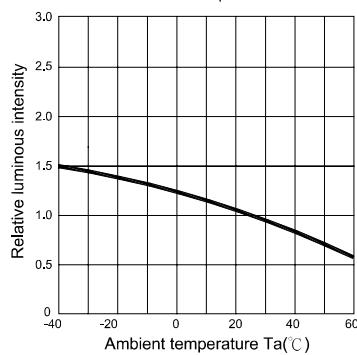


Fig.5 Relative luminous intensity vs. Forward current

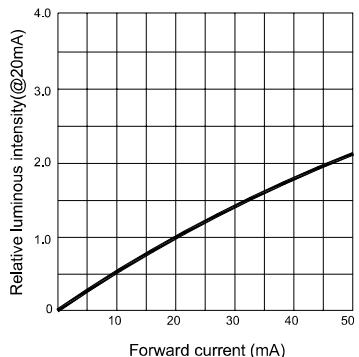


Fig.6 Radiation diagram

