

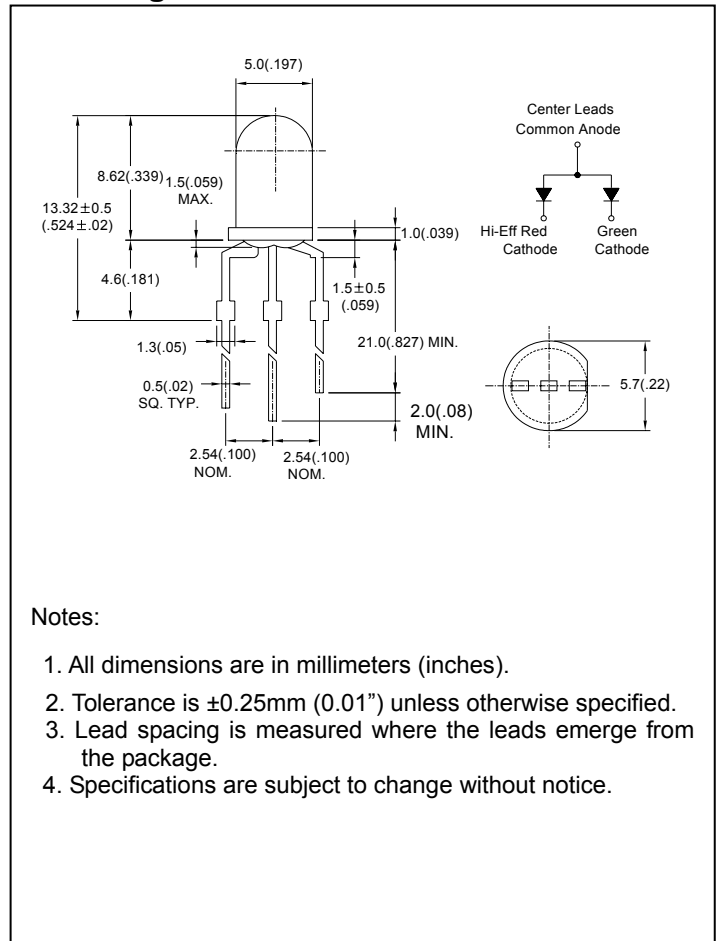
● Features:

1. Chip material: GaAsP/GaP(Red)
and GaP/GaP(Green)
2. Emitted color : Hi-eff Red and Yellow Green
3. Lens Appearance : White Diffused
4. Low power consumption.
5. High efficiency.
6. Versatile mounting on P.C. Board or panel.
7. Low current requirement.
8. T-1 3/4 type package.
9. This product don't contained restriction substance, compliance ROHS standard.

● Applications:

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

● Package dimensions:



● Absolute Maximum Ratings(Ta=25°C)

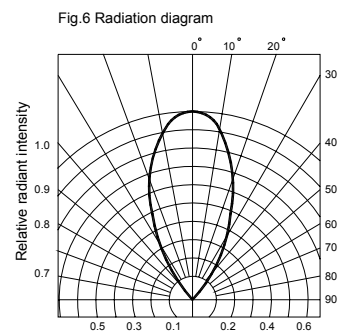
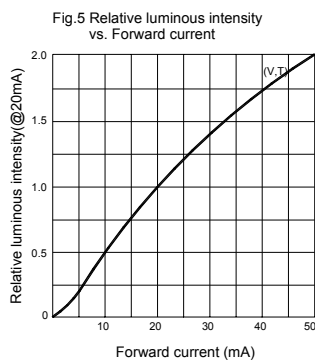
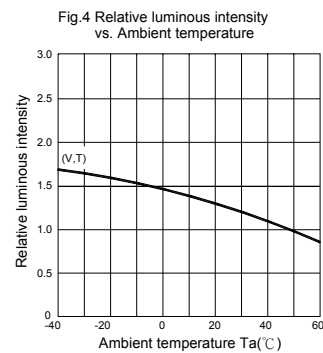
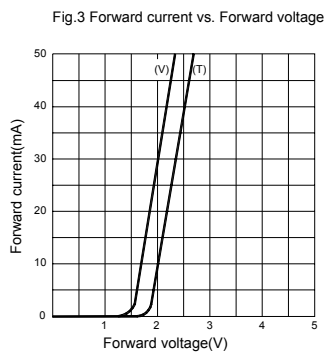
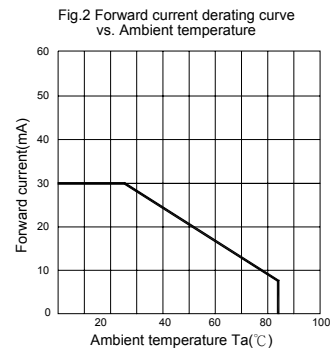
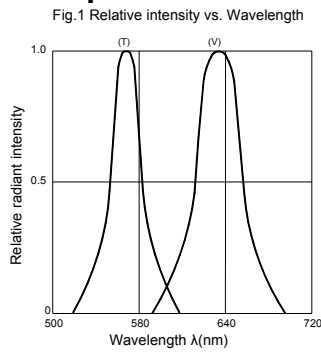
Parameter	Symbol	Hi-Eff Red	Yellow Green	Unit
Power Dissipation	Pd	80	80	mW
Forward Current	I _F	30	30	mA
Peak Forward Current* ¹	I _{FP}	150	150	mA
Reverse Voltage	V _R	5		V
Operating Temperature	Topr	-40°C~80°C		
Storage Temperature	Tstg	-40°C~85°C		
Soldering Temperature	Tsol	260°C (for 5 seconds)		

*¹Condition for I_{FP} is pulse of 1/10 duty and 0.1msec width.

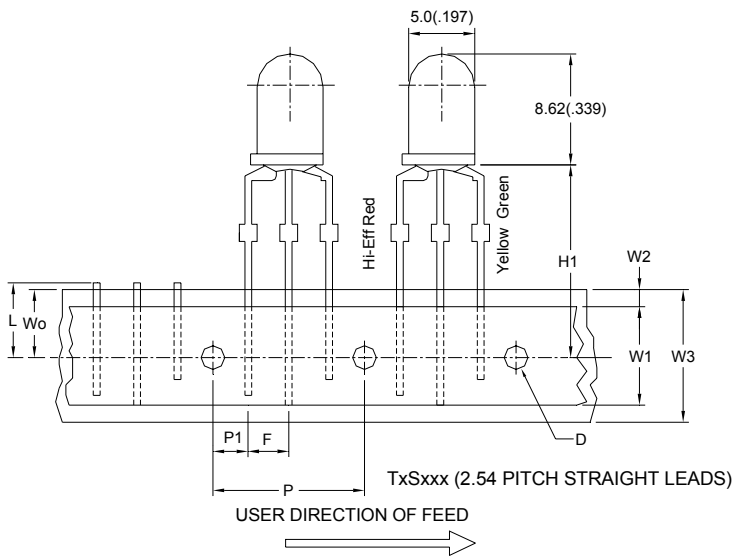
● Electrical and optical characteristics(Ta=25°C)

Parameter	Symbol	Condition	Color	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$I_F=20\text{mA}$	Red Green	-	1.8 2.2	2.2 2.5	V
Luminous Intensity	I_v	$I_F=20\text{mA}$	Red Green	-	50 45	-	mcd
Reverse Current	I_R	$V_R=5\text{V}$	Red Green	-	-	100	μA
Peak Wave Length	λ_p	$I_F=20\text{mA}$	Red Green	-	635 568	-	nm
Dominant Wave Length	λ_d	$I_F=20\text{mA}$	Red Green	-	622 573	-	nm
Spectral Line Half-width	$\Delta\lambda$	$I_F=20\text{mA}$	Red Green	-	22 30	-	nm
Viewing Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	Red Green	-	50	-	deg

● Typical Electro-Optical Characteristics Curves



● Tapping and packaging specifications(Units: mm)



H1-----	18.0(.708)±0.5
L-----	11.0(.433) Max.
Wo-----	9.0(.35)
P1-----	5.0(.196)
F-----	2.54(0.1)
P-----	12.5(.49)
D-----	∅4.0(.157)
W1-----	10.0(.394)
W2-----	4.0(.157) Max.
W3-----	18.0(.708)
T-----	1.42(.055) Max.

- Notes: 1.All dimensions are in millimeter (inch).
 2.Tolerance is ±0.25mm (0.01") unless otherwise specified.
 3.Lead spacing is measured where the leads emerge from the package.
 4.The stopper is used as the tie bar.