

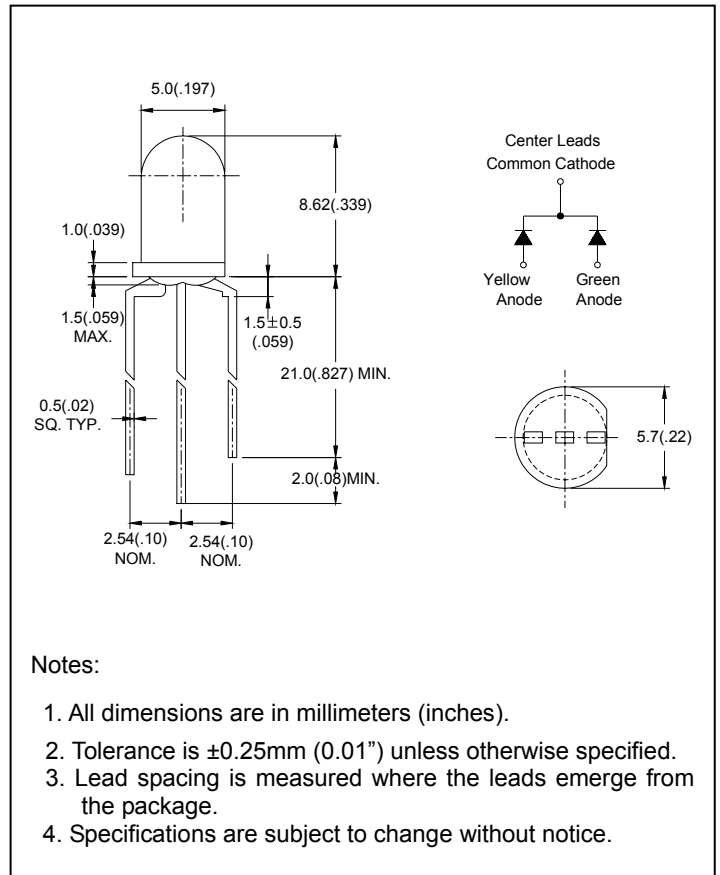
● Features:

1. Chip material: GaAsP/GaP(Yellow)
and GaP/GaP(Green)
2. Emitted color : Yellow and 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. 5mm diameter 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	Yellow	Green	Unit
Power Dissipation	P _d	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	$I_F=20\text{mA}$	Yellow Green	-	2.1 2.2	2.6 2.6	V
Luminous Intensity	I_V	$I_F=20\text{mA}$	Yellow Green	-	40 45	-	mcd
Reverse Current	I_R	$V_R=5\text{V}$	Yellow Green	-	-	100	μA
Peak Wave Length	λ_p	$I_F=20\text{mA}$	Yellow Green	-	585 568	-	nm
Dominant Wave Length	λ_d	$I_F=20\text{mA}$	Yellow Green	582 560	-	595 576	nm
Spectral Line Half-width	$\Delta\lambda$	$I_F=20\text{mA}$	Yellow Green	-	35 30	-	nm
Viewing Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	Yellow Green	-	50	-	deg

● Typical Electro-Optical Characteristics Curves

