

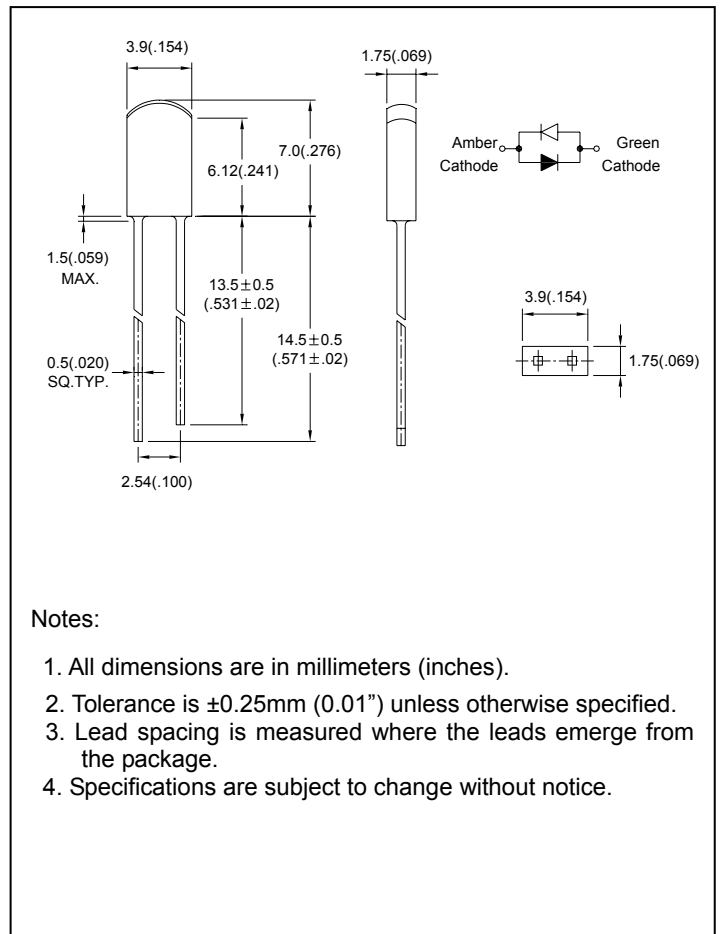
● Features:

1. Chip material: GaP/GaP (Green)
and GaAsP/GaP (Amber)
2. Emitted color : Green and Amber
3. Lens Appearance : White Diffused
4. Low power consumption.
5. Most suitable for use like level indicator.
6. Excellent uniformity of light emittance.
7. Long life solid state reliability.
8. Compatible.
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	Green	Amber	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	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	$I_F=20\text{mA}$	Green Amber	-	2.2 2.0	2.6 2.6	V
Luminous Intensity	I_v	$I_F=20\text{mA}$	Green Amber	-	15 12	-	mcd
Reverse Current	I_R	$V_R=5\text{V}$	Green Amber	-	-	100	μA
Peak Wave Length	λ_p	$I_F=20\text{mA}$	Green Amber	-	568 610	-	nm
Dominant Wave Length	λ_d	$I_F=20\text{mA}$	Green Amber	560 605	- -	576 615	nm
Spectral Line Half-width	$\Delta \lambda$	$I_F=20\text{mA}$	Green Amber	-	30 35	-	nm
Viewing Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	Green Amber	-	90	-	deg

● Typical Electro-Optical Characteristics Curves

