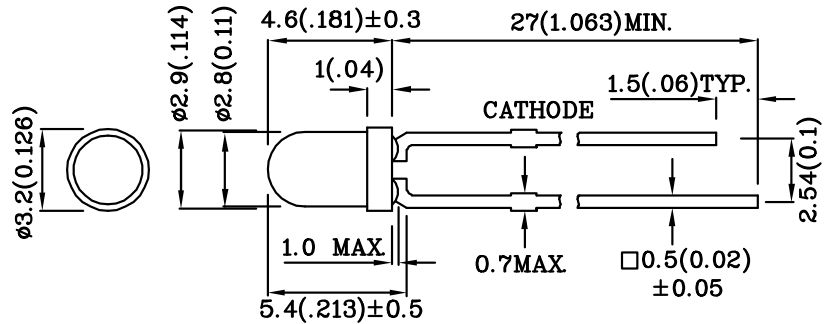


Features

- LOW POWER CONSUMPTION.
- POPULAR T-1 DIAMETER PACKAGE.
- GENERAL PURPOSE LEADS.
- RELIABLE AND RUGGED.
- LONG LIFE - SOLID STATE RELIABILITY.
- AVAILABLE ON TAPE AND REEL.
- 12V INTERNAL RESISTOR.



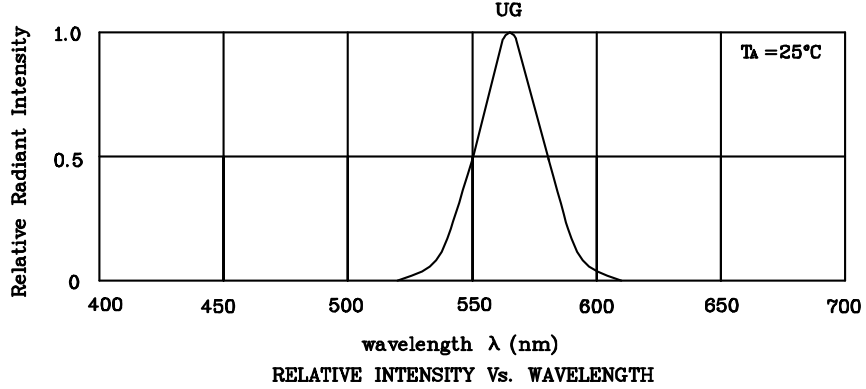
Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is ± 0.25(0.01") unless otherwise noted.

Absolute maximum ratings (TA=25°C)		UG (GaP)	Unit
Reverse voltage	VR	5	V
Forward voltage	VF	14	V
Power dissipation	PT	120	mW
Operating temperature	TA	-40 ~ +70	°C
Storage temperature	Tstg	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics (TA=25°C)		UG (GaP)	Unit
Forward current (typ.) (VF=12V)	IF	8.5	mA
Forward current (max.) (VF=12V)	IF	11.5	mA
Reverse current (VR=5V)	IR	10	uA
Wavelength at peak emission (VF=12V)	λ peak	565	nm
Wavelength at Dominate emission (VF=12V)	λ D	568	nm
Spectral Line half-width (VF=12V)	Δλ	30	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (VF=12V) mcd		Wavelength nm λ P	Viewing Angle 2θ 1/2
				min.	typ.		
XLUG32D12V	Green	GaP	Green Diffused	8	19	565	60 °



◆ UG

