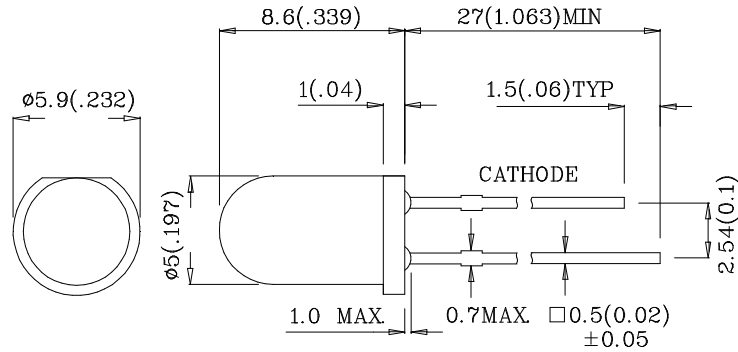


Features

- LOW POWER CONSUMPTION.
- POPULAR T-13/4 DIAMETER PACKAGE.
- GENERAL PURPOSE LEADS.
- RELIABLE AND RUGGED.
- LONG LIFE - SOLID STATE RELIABILITY.
- AVAILABLE ON TAPE AND REEL.



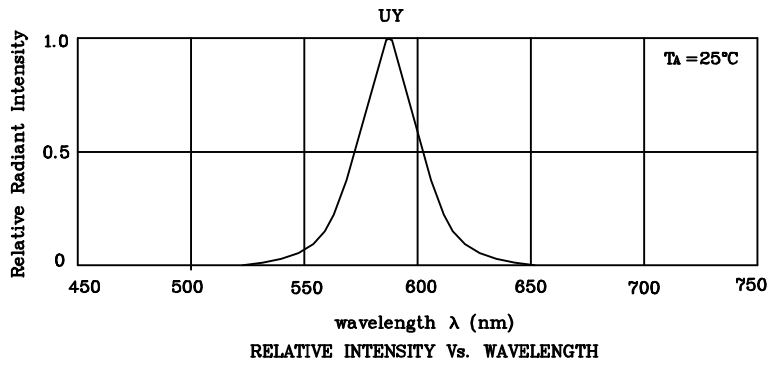
Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25 (0.01)$ unless otherwise noted.

Absolute maximum ratings ($T_A=25^\circ C$)		UY (GaAsP/GaP)	Unit
Reverse voltage	V_R	5	V
Forward current	I_F	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i_{FS}	140	mA
Power dissipation	P_T	105	mW
Operating temperature	T_A	-40 ~ +85	°C
Storage temperature	T_{stg}	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics ($T_A=25^\circ C$)		UY (GaAsP/GaP)	Unit
Forward voltage (typ.) ($I_F=10mA$)	V_F	1.95	V
Forward voltage (max.) ($I_F=10mA$)	V_F	2.5	V
Reverse current ($V_R=5V$)	I_R	10	uA
Wavelength at peak emission ($I_F=10mA$)	λ_{peak}	590	nm
Wavelength at Dominate emission ($I_F=10mA$)	λ_D	588	nm
Spectral Line half-width ($I_F=10mA$)	$\Delta\lambda$	35	nm
Capacitance ($V_F=0V, f=1MHz$)	C	20	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($I_F=10mA$) mcd		Wavelength nm λ_P	Viewing Angle $2\theta_{1/2}$
				min.	typ.		
XLUY53W	Yellow	GaAsP/GaP	Water Clear	18	35	590	30°



❖ UY

