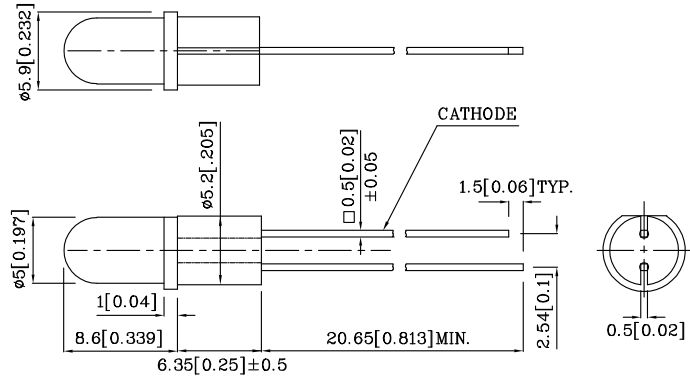


Features

- LED FIRMLY HELD BY SPACER-NO ADDITIONAL FIXTURING OR GLUEING NECESSARY.
- CATHODE IS CLEARLY IDENTIFIED ON PACKAGE.
- SUITABLE FOR BACK PANEL ILLUMINATION, CIRCUIT BOARD INDICATOR, LED INDICATOR.
- UL RATING:94V-0.
- HOUSING MATERIAL:TYPE 66 NYLON.



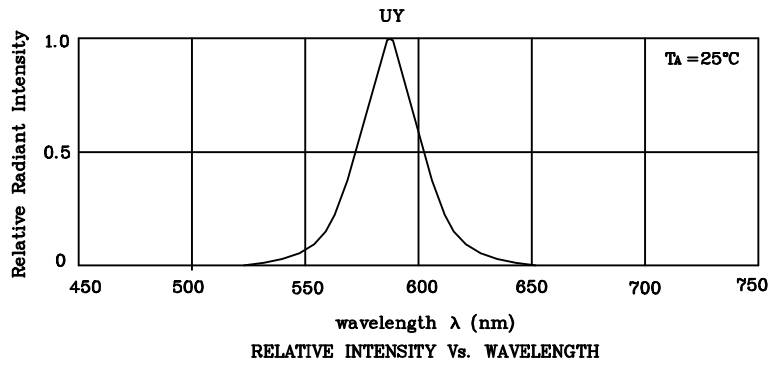
Notes:

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

Absolute maximum ratings (TA=25°C)		UY (GaAsP/GaP)	Unit
Reverse voltage	VR	5	V
Forward current	IF	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	iFS	140	mA
Power dissipation	Pr	105	mW
Operating temperature	TA	-40 ~ +85	°C
Storage temperature	Tstg	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics (TA=25°C)		UY (GaAsP/GaP)	Unit
Forward voltage (typ.) (IF=10mA)	VF	1.95	V
Forward voltage (max.) (IF=10mA)	VF	2.5	V
Reverse current (VR=5V)	IR	10	uA
Wavelength at peak emission (IF=10mA)	λ peak	590	nm
Wavelength at Dominate emission (IF=10mA)	λ D	588	nm
Spectral Line half-width (IF=10mA)	$\Delta\lambda$	35	nm
Capacitance (VF=0V, f=1MHz)	C	20	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=10mA) mcd		Wavelength nm λ P	Viewing Angle 2 θ 1/2
				min.	typ.		
XNM1LUY53D6.35	Yellow	GaAsP/GaP	Yellow Diffused	5	18	590	60°



◆ UY

