

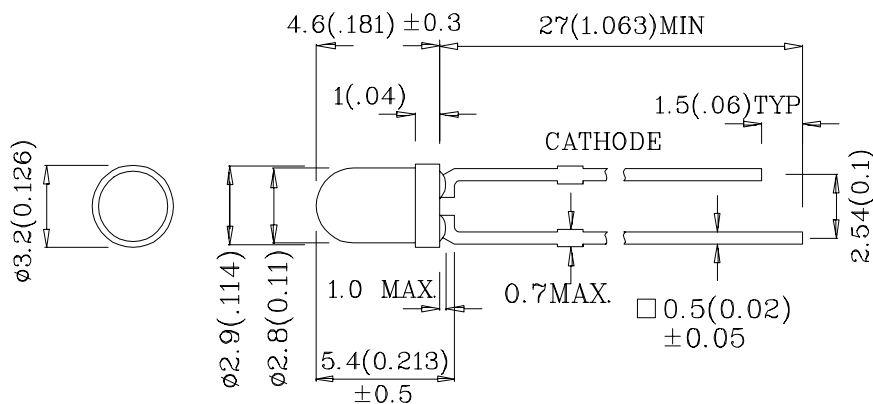


SUN LED

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XCUY32D



Notes:

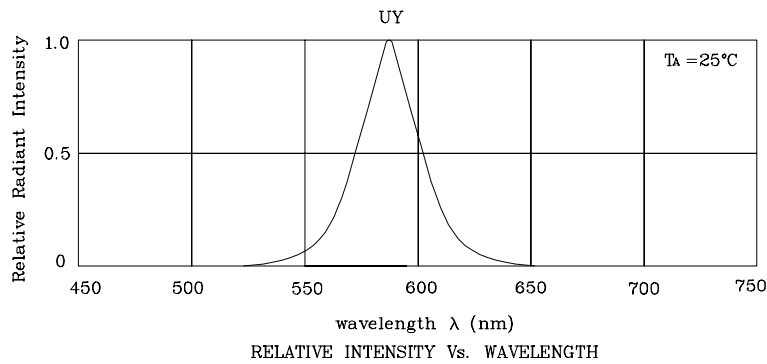
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.

Absolute maximum ratings (T _A =25°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}		
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics (T _A =25°C)		UY (GaAsP/GaP)	Unit
Forward voltage (typ.) (I _F =2mA)	V _F	1.85	V
Forward voltage (max.) (I _F =2mA)	V _F	2.5	V
Reverse current (V _R =5V)	I _R	10	μA
Wavelength at peak emission (I _F =2mA)	λ _{peak}	590	nm
Wavelength at Dominate emission (I _F =2mA)	λ _D	588	nm
Spectral Line half-width (I _F =2mA)	Δλ	35	nm
Capacitance (V _F =0V, f=1MHz)	C	20	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=2mA)		Wavelength nm	Viewing Angle 2θ/2
				min.	typ.		
XCUY32D	Yellow	GaAsP/GaP	Yellow Diffused	0.8	1.8	590	60°

XCUIY32D



◆UY

