

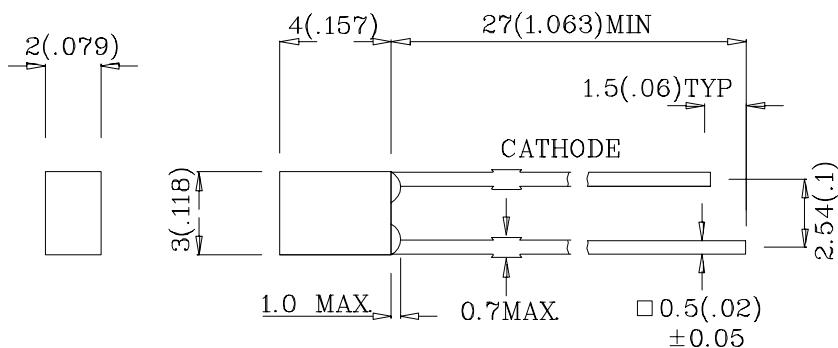


SUN LED

XSUS36C

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Notes:

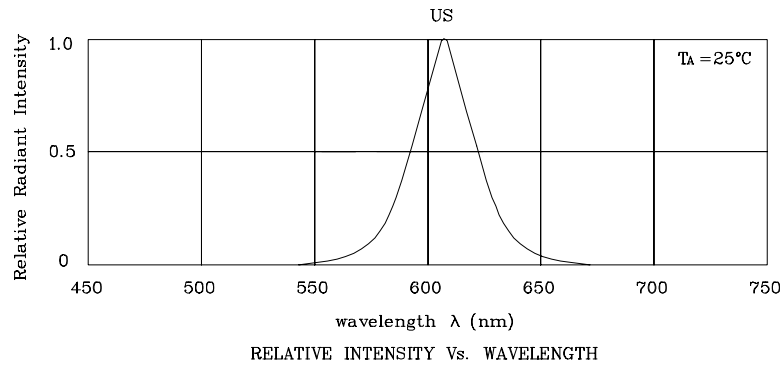
1. All dimensions are in millimeters (inches).
2. Tolerance is ± 0.25 (0.01") unless otherwise noted.

Absolute maximum ratings (T _A =25°C)		US (GaAsP/GaP)	Unit
Reverse voltage	V _R	5	V
Forward current	I _F	25	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i _{FS}	145	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)		US (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}	607	nm
Wavelength at Dominate emission (I _F =10mA)	λ _D	610	nm
Spectral Line half-width (I _F =10mA)	Δλ	35	nm
Capacitance (V _F =0V, f=1MHz)	C	15	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=10mA) mcd		Wavelength nm λP	Viewing Angle 2 θ /2
				min.	typ.		
XSUS36C	Orange	GaAsP/GaP	Orange Transparent	4	5.9	607	90°

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◆US

