

## T-1 (3mm) BLINKING LED LAMP

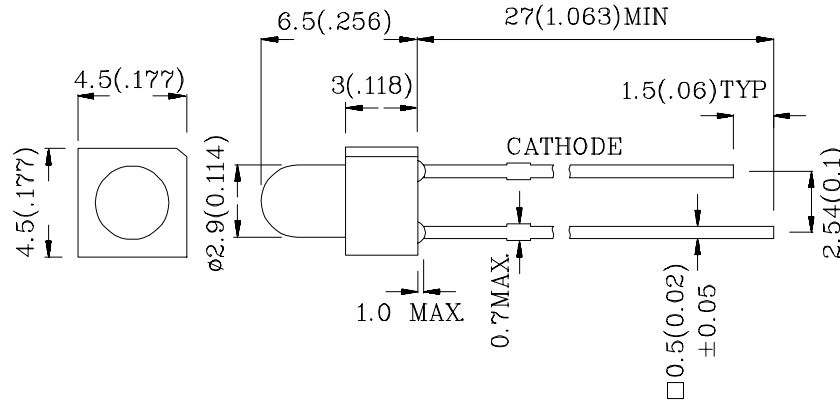
XBUR33D



# SUN LED

Email : sales@us.sunled.com

Web Site : www.sunled.com



### Notes:

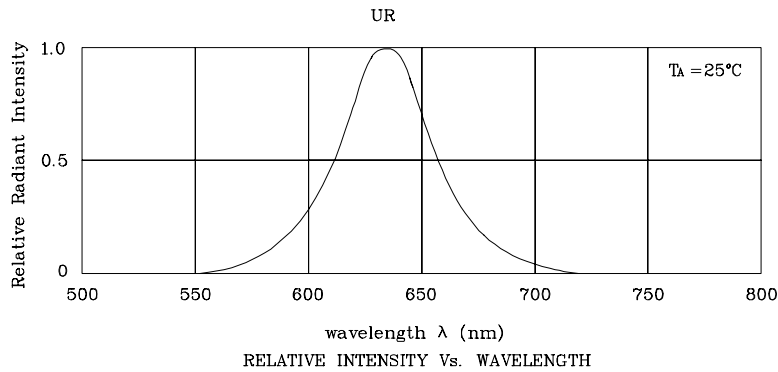
1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01)$  unless otherwise noted.

Absolute maximum ratings (T <sub>A</sub> =25°C)		UR (GaAsP/GaP)	Unit
Reverse voltage	V <sub>R</sub>	0.5	V
Forward voltage	V <sub>F</sub>	14	V
Power dissipation	P <sub>T</sub>	310	mW
Operating temperature	T <sub>A</sub>	-40 ~ +70	°C
Storage temperature	T <sub>stg</sub>	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics ( $T_A=25^{\circ}\text{C}$ )		UR (GaAsP/GaP)	Unit
Forward current (min.) ( $V_F=3.5\text{V}$ )	$I_F$	8	mA
Forward current (typ.) ( $V_F=5\text{V}$ )	$I_F$	22	mA
Supply current $V_F=3.5\text{V}$	$I_{SON}$	8	mA
Supply current $V_F=14\text{V}$	$I_{SON}$	44	mA
Blink Frequency $V_F=3.5\text{V}$	$f$	3	Hz
Blink Frequency $V_F=14\text{V}$	$f$	1.5	Hz
Wavelength at peak emission	$\lambda_{peak}$	627	nm
Wavelength at Dominate emission	$\lambda_D$	625	nm
Spectral Line half-width	$\Delta\lambda$	45	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ( $V=9\text{V}$ ) mcd		Wavelength nm $\lambda_P$	Viewing Angle $2\theta_{1/2}$
				min.	typ.		
XBUR33D	Red	GaAsP/GaP	Red Diffused	12	19	627	60 $^{\circ}$

**XBUR33D**



**◆UR**

