

## 11mm x 1.4mm BACKLIGHT

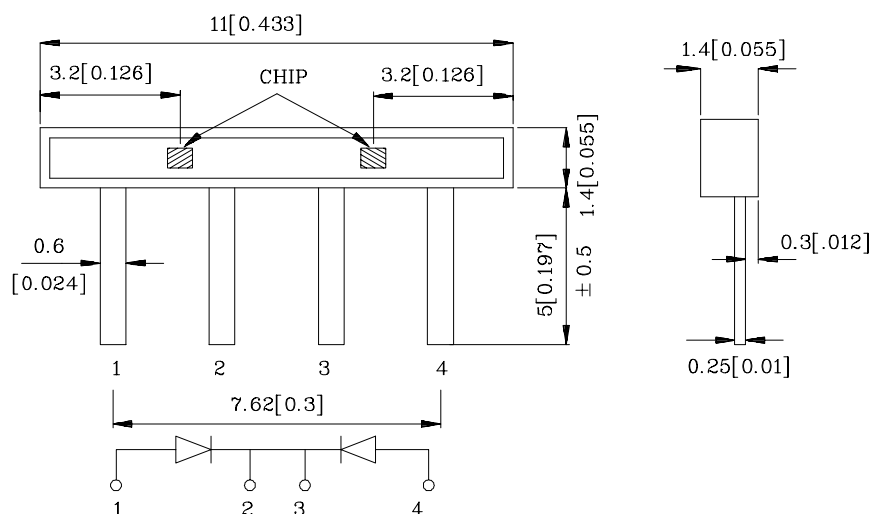
XZMG66W



# SUN LED

Email : sales@us.sunled.com

Web Site : www.sunled.com



### Notes:

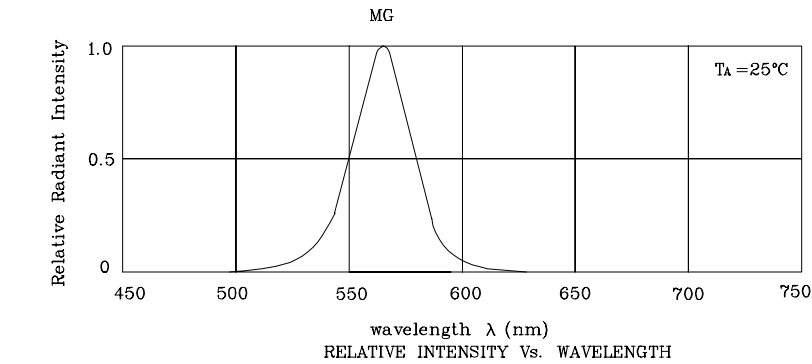
1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01")$  unless otherwise noted.

Absolute maximum ratings (T <sub>A</sub> =25°C)		MG (GaP)	Unit
Reverse voltage	V <sub>R</sub>	5	V
Forward current	I <sub>F</sub>	25	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i <sub>FS</sub>	140	mA
Power dissipation	P <sub>T</sub>	105	mW
Operating temperature	T <sub>A</sub>	-40 ~ +85	°C
Storage temperature	T <sub>stg</sub>		
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics ( $T_A=25^{\circ}\text{C}$ )		MG (GaP)	Unit
Forward voltage (typ.) ( $I_F=20\text{mA}$ )	$V_F$	2.2	V
Forward voltage (max.) ( $I_F=20\text{mA}$ )	$V_F$	2.5	V
Reverse current ( $V_R=5\text{V}$ )	$I_R$	10	$\mu\text{A}$
Wavelength at peak emission ( $I_F=20\text{mA}$ )	$\lambda_{\text{peak}}$	565	nm
Wavelength at Dominate emission ( $I_F=20\text{mA}$ )	$\lambda_D$	568	nm
Spectral Line half-width ( $I_F=20\text{mA}$ )	$\Delta\lambda$	30	nm
Capacitance ( $V_F=0\text{V}$ , $f=1\text{MHz}$ )	$C$	15	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ( $I_F=20\text{mA}$ ) mcd min.      typ.		Wavelength nm $\lambda_P$	Viewing Angle 2 $\theta_{1/2}$
XZMG66W	Green	GaP	Water Clear	7	15	565	120 $^{\circ}$

**XZMG66W**



**◆MG**

