

3.0x1.5 mm SMD CHIP LED LAMP

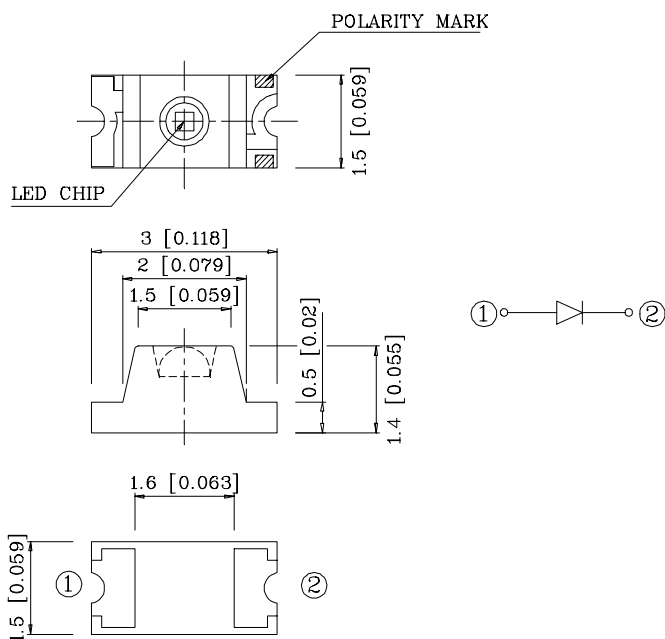
XZMG60W



SUN LED

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Web Site : www.sunled.com



Notes:

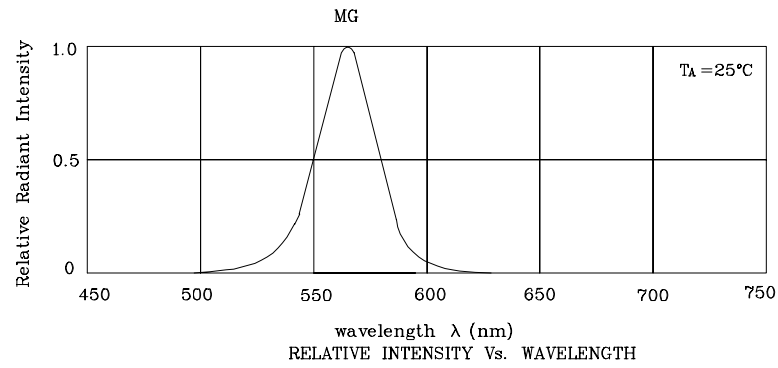
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.2(0.0079)$ unless otherwise noted.

Absolute maximum ratings (T _A =25°C)		MG (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}	140	mA
Power dissipation	P _T	105	mW
Operating temperature	T _A	-40 ~ +85	°C
Storage temperature	T _{stg}		

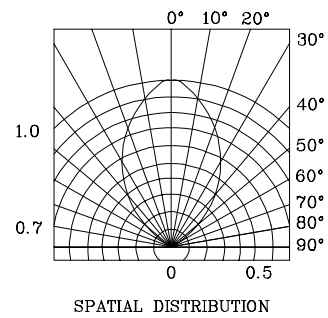
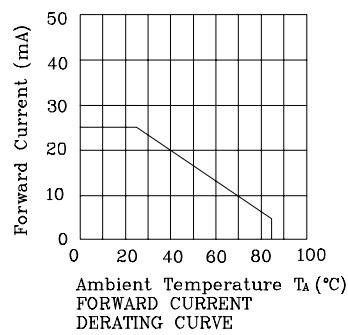
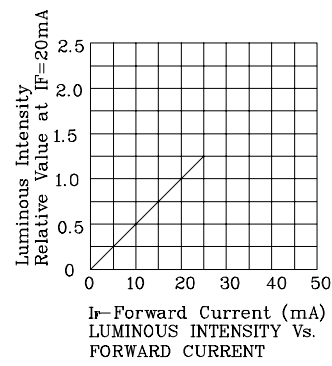
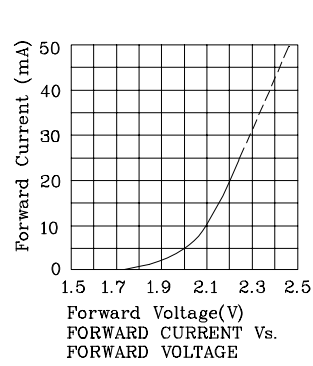
Operating Characteristics (T _A =25°C)		MG (GaP)	Unit
Forward voltage (typ.) (I _F =20mA)	V _F	2.2	V
Forward voltage (max.) (I _F =20mA)	V _F	2.5	V
Reverse current (V _R =5V)	I _R	10	uA
Wavelength at peak emission (I _F =20mA)	λ _{peak}	565	nm
Wavelength at Dominate emission (I _F =20mA)	λ _D	568	nm
Spectral Line half-width (I _F =20mA)	Δλ	30	nm
Capacitance (V _F =0V, f=1MHz)	C	15	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (I _F =20mA) mcd		Wavelength nm λ _P	Viewing Angle 2θ1/2
				min.	typ.		
XZMG60W	Green	GaP	Water Clear	4	19	565	70°

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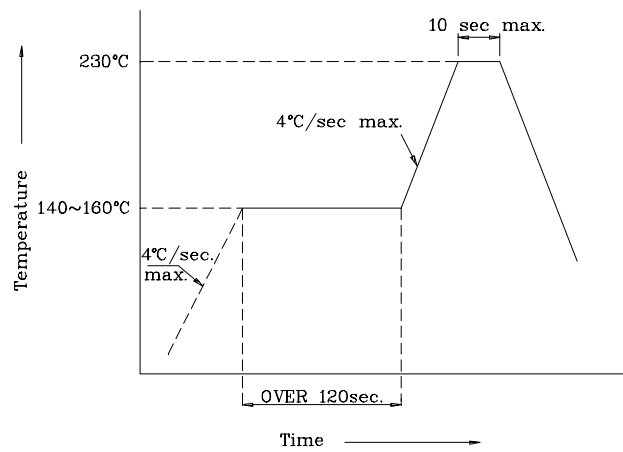


◆MG

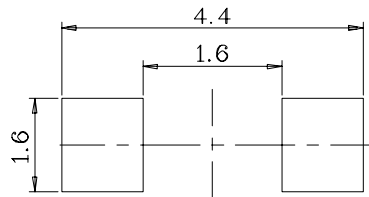


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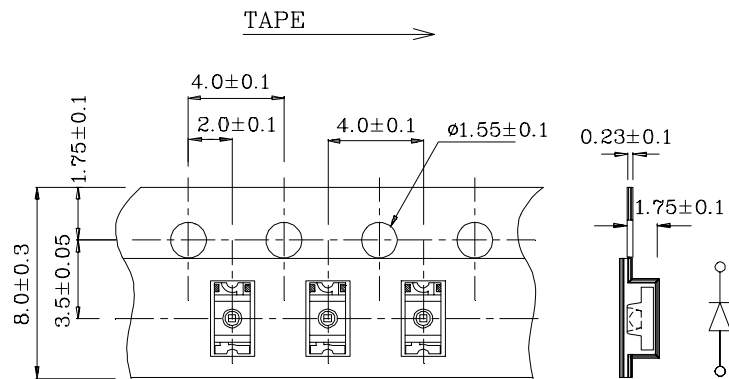
❖SMT Reflow Soldering Instructions



❖Recommended Soldering Pattern (Units : mm; Tolerance: ± 0.1)



❖Tape Specification (Units : mm)



PACKAGE : 2000PCS / REEL.