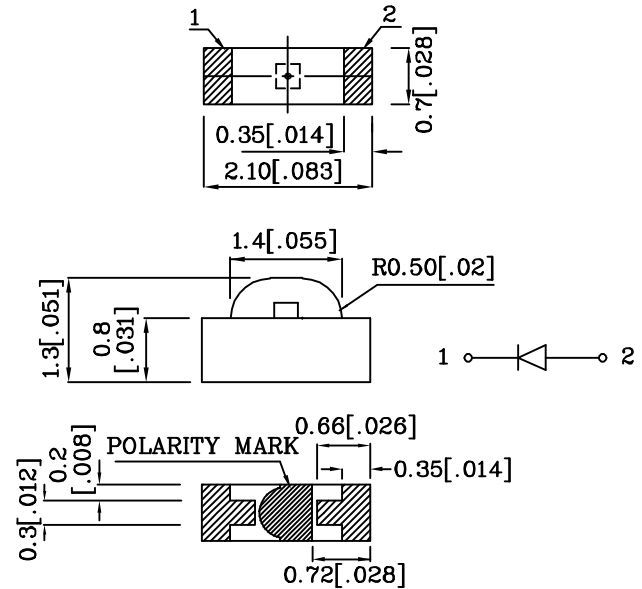


Features

- 2.1mmx0.7mm RIGHT ANGLE SMT LED, 1.3mm THICKNESS.
- LOW POWER CONSUMPTION.
- WIDE VIEWING ANGLE.
- IDEAL FOR BACKLIGHT AND INDICATOR.
- VARIOUS COLORS AND LENS TYPES AVAILABLE.
- PACKAGE : 2000PCS / REEL.
- ROHS COMPLIANT.

Notes:

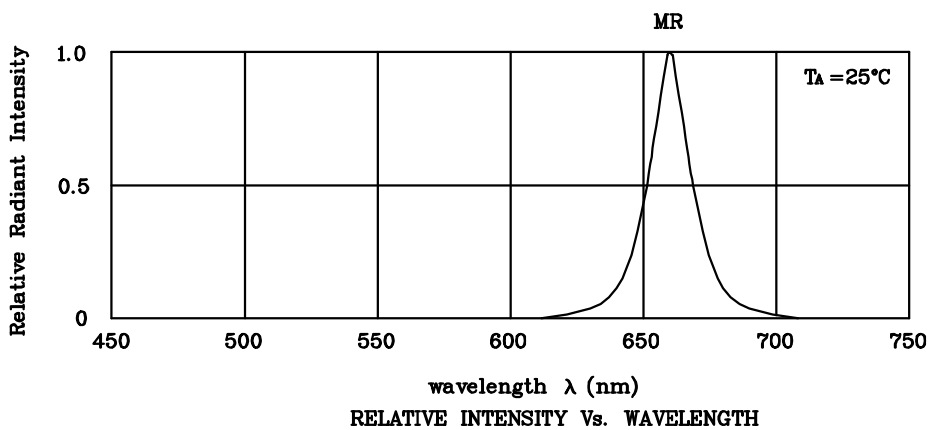
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.15(0.006")$ unless otherwise noted.



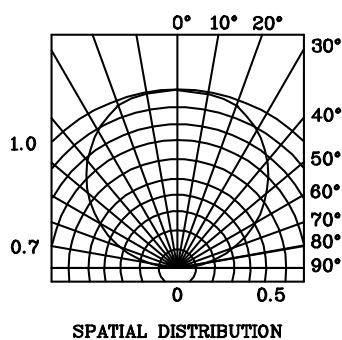
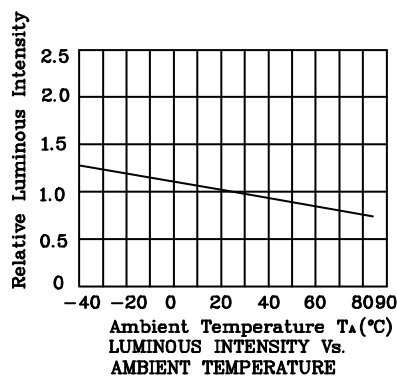
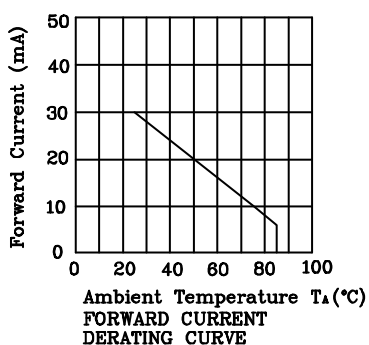
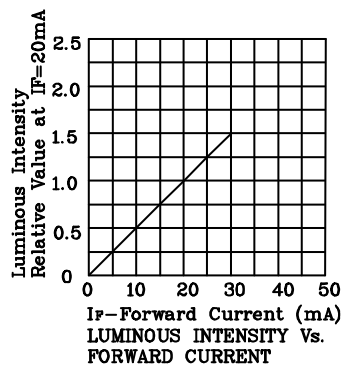
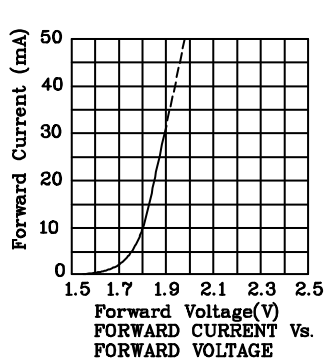
Absolute maximum ratings (TA=25°C)		MR (GaAlAs)	Unit
Reverse voltage	V _R	5	V
Forward current	I _F	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i _{FS}	155	mA
Power dissipation	P _T	100	mW
Operating temperature	T _A	-40 ~ +85	°C
Storage temperature	T _{stg}	-40 ~ +85	

Operating Characteristics (TA=25°C)		MR (GaAlAs)	Unit
Forward voltage (typ.) (I _F =20mA)	V _F	1.85	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	660	nm
Wavelength at Dominate emission (I _F =20mA)	λ D	640	nm
Spectral Line half-width (I _F =20mA)	Δλ	20	nm
Capacitance (V _F =0V, f=1MHz)	C	45	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (I _F =20mA) mcd		Wavelength nm λ P	Viewing Angle 2θ 1/2
				min.	typ.		
XZMR65WA	Red	GaAlAs	Water Clear	50	95	660	120°
Published Date : OCT 16,2004							
Drawing No :XDSA1443							
V4							
Checked : B.L.LIU							
P.1/3							

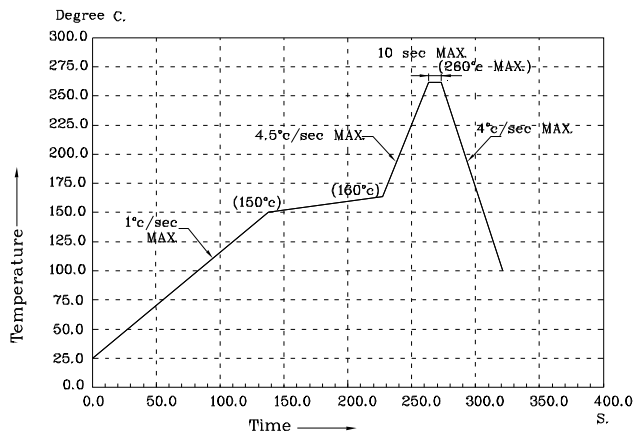


❖ MR



❖ SMT Reflow Soldering Instructions

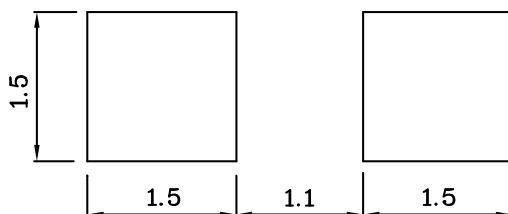
REFLOW SOLDERING INSTRUCTIONS
FOR LEAD-FREE SMT PROCESS



NOTES:

- 1, We recommend the reflow temperature 245°C~260°C. The maximum soldering temperature should be limited to 260°C.
- 2, Don't cause stress to the epoxy resin while it is exposed to high temperature.

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



❖ Tape Specification (Units : mm)

