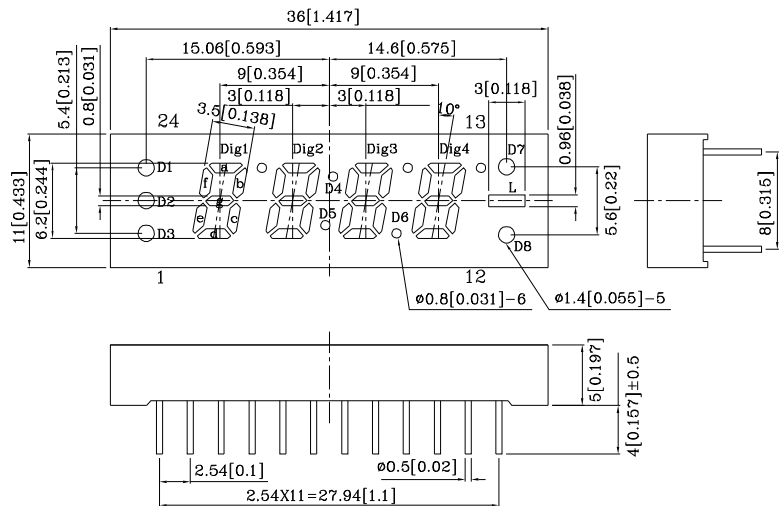
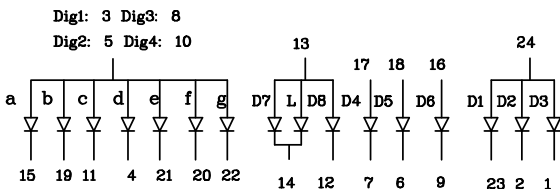


Features

- 0.25 INCH DIGIT HEIGHT.
- LOW CURRENT OPERATION.
- EXCELLENT CHARACTER APPEARANCE.
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- I.C. COMPATIBLE.
- CATEGORIZED FOR LUMINOUS INTENSITY.
- MECHANICALLY RUGGED.
- STANDARD : GRAY FACE, WHITE SEGMENT.
- RoHS COMPLIANT.



Notes:

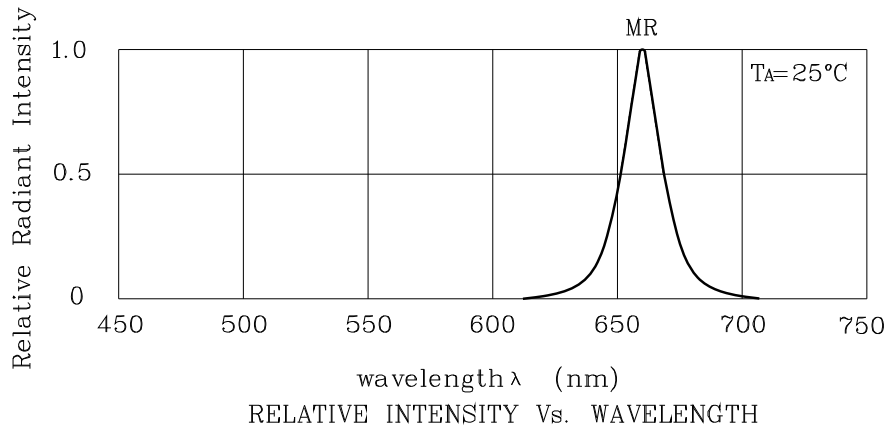
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
3. Specifications are subject to change without notice.

Absolute Maximum Ratings (TA=25°C)		MR (GaAlAs)	Unit
Reverse Voltage	Dig1'8,'Dig2'8,'Dig3'8,'Dig4'8' D1,D2,D3,D4,D5,D6,D8	V _R	5
	D7,L		
Forward Current	Dig1'8,'Dig2'8,'Dig3'8,'Dig4'8' D1,D2,D3,D4,D5,D6,D8	I _F	30
	D7,L		60
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	Dig1'8,'Dig2'8,'Dig3'8,'Dig4'8' D1,D2,D3,D4,D5,D6,D8	i _{FS}	155
	D7,L		310
Power Dissipation	Dig1'8,'Dig2'8,'Dig3'8,'Dig4'8' D1,D2,D3,D4,D5,D6,D8	P _T	75
	D7,L		150
Operating Temperature		T _A	-40 ~ +85
Storage Temperature		T _{stg}	-40 ~ +85
Lead Solder Temperature [2mm Below Package Base]		260°C For 3~5 Seconds	

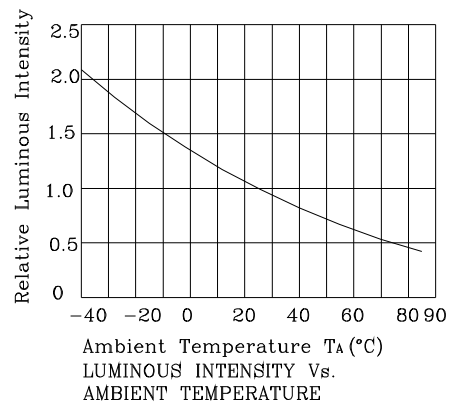
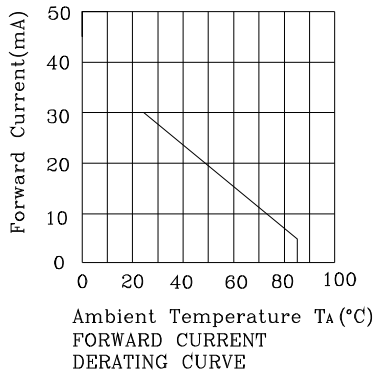
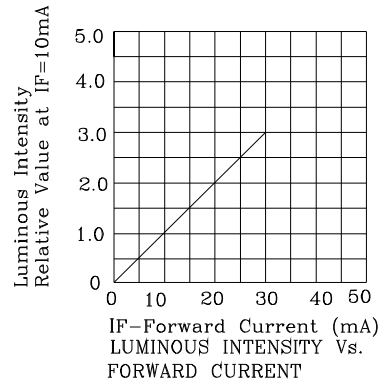
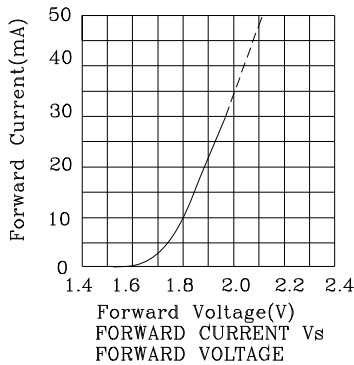
Operating Characteristics (TA=25°C)			MR (GaAlAs)	Unit
Forward Voltage (Typ.) (I _F =10mA)	Dig1'8,'Dig2'8,'Dig3'8,'Dig4'8' D1,D2,D3,D4,D5,D6,D8	V _F	1.8	V
	D7,L			
Forward Voltage (Max.) (I _F =10mA)	Dig1'8,'Dig2'8,'Dig3'8,'Dig4'8' D1,D2,D3,D4,D5,D6,D8	V _F	2.5	V
	D7,L			
Reverse Current (Max.) (V _R =5V)	Dig1'8,'Dig2'8,'Dig3'8,'Dig4'8' D1,D2,D3,D4,D5,D6,D8	I _R	10	uA
	D7,L		20	
Wavelength of Peak (Typ.) Emission (I _F =10mA)			λ _P	660 nm
Wavelength of Dominant Emission (Typ.) (I _F =10mA)			λ _D	640 nm
Spectral Line Full Width (Typ.) At Half-Maximum (I _F =10mA)			Δλ	25 nm
Capacitance (Typ.) (V _F =0V, f=1MHz)			C	45 pF



Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd		Wavelength nm λ P	Description
			min.	typ.		
XDMR06A4-A	Red	GaAlAs	8000	26790	660	Common Anode

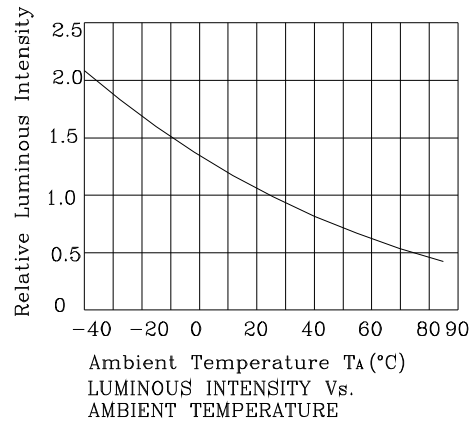
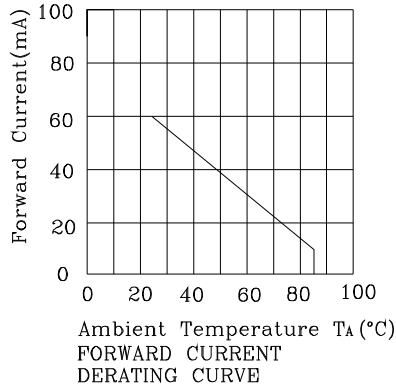
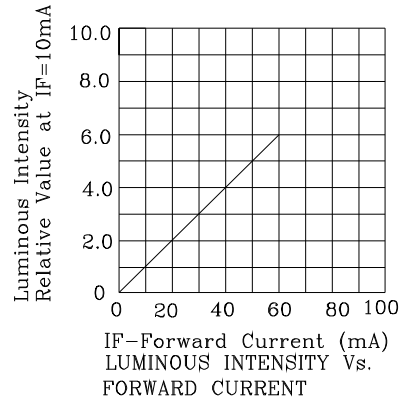
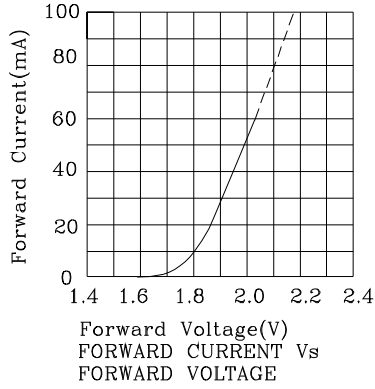


❖ MR

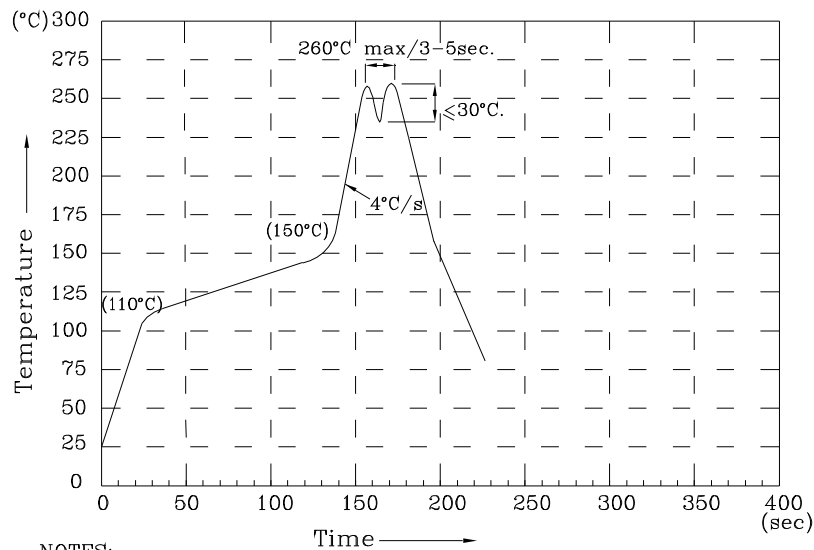




❖ MR



Wave Soldering Profile For Lead-free Through-hole LED.



NOTES:

1. Recommend the wave temperature 245°C~260°C. The maximum soldering temperature should be less than 260°C.
2. Do not apply stress on epoxy resins when temperature is over 85 degree°C.
3. The soldering profile apply to the lead free soldering (Sn/Cu/Ag alloy).
4. No more than once.

Remarks:

If special sorting is required (e.g. binning based on forward voltage, luminous intensity/ luminous flux or wavelength), the typical accuracy of the sorting process is as follows:

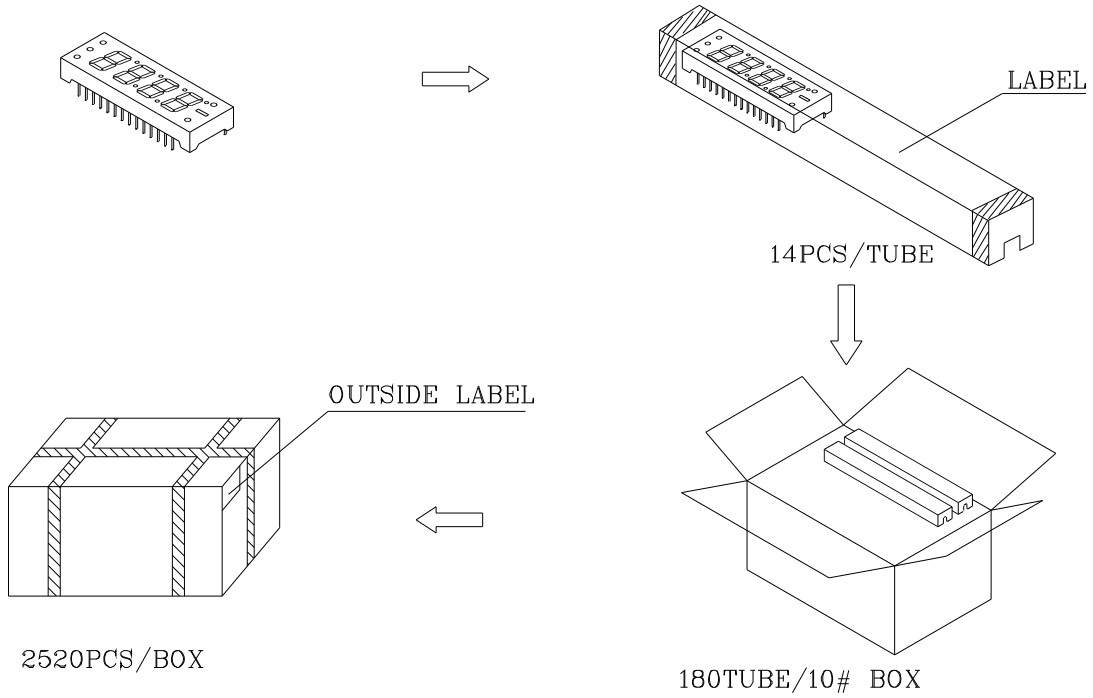
1. Wavelength: +/-1nm
2. Luminous Intensity/ luminous flux: +/-15%
3. Forward Voltage: +/-0.1V

Note: Accuracy may depend on the sorting parameters.

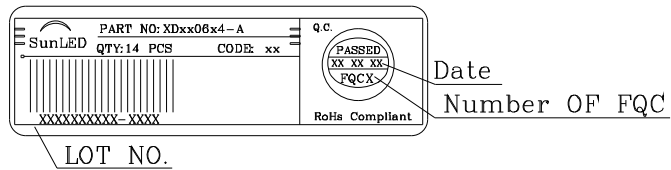


PACKING & LABEL SPECIFICATIONS

XDMR06A4-A



Inside LABEL Paste On The IC-tube



Outside LABEL Paste On The Box

