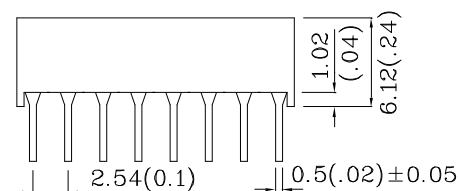
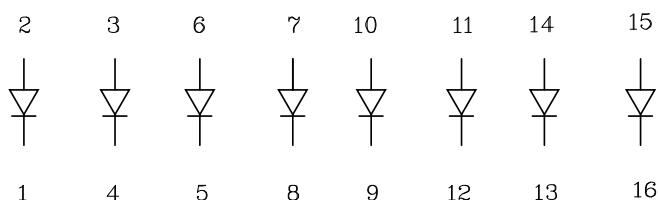
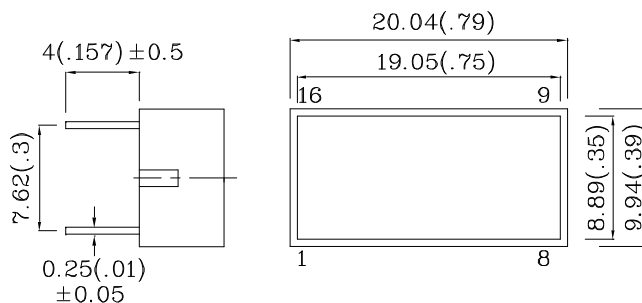


- UNIFORM LIGHT EMITTING AREA.
- LOW CURRENT OPERATION.
- EASILY MOUNTED ON P.C. BOARDS.
- FLUSH MOUNTABLE.
- EXCELLENT ON/OFF CONTRAST.
- CAN BE USED WITH PANELS AND LEGEND MOUNTS.
- RoHS COMPLIANT.

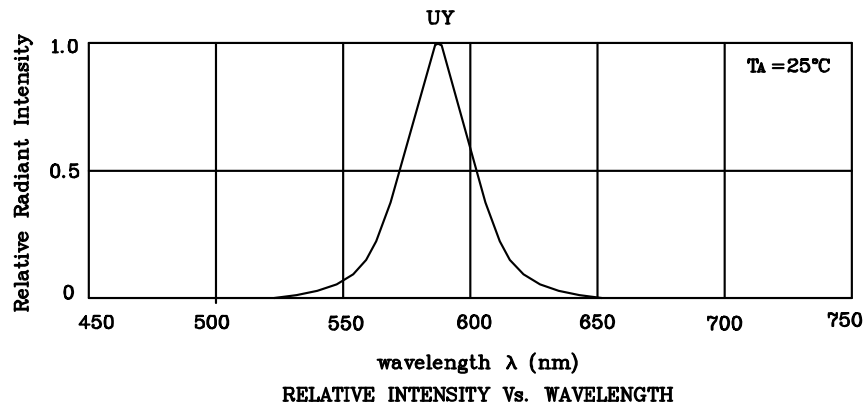


1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
3. Specifications are subject to change without notice.

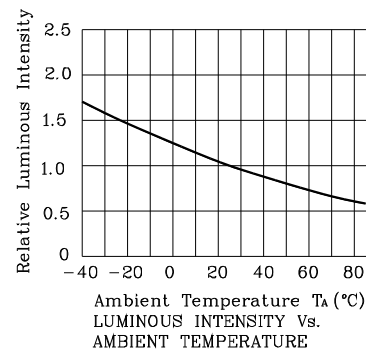
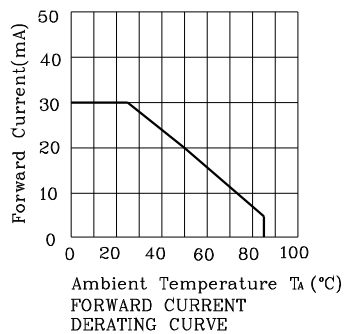
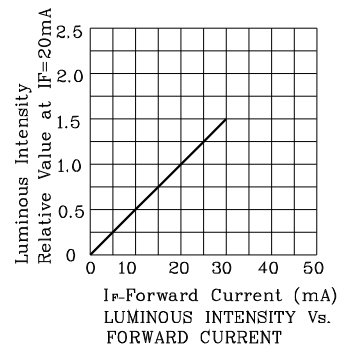
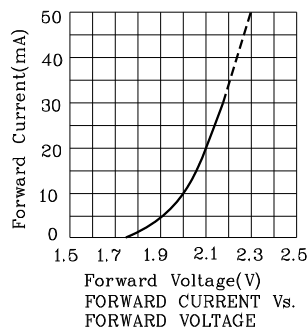
Absolute Maximum Ratings (TA=25°C)		UY (GaAsP/GaP)	Unit
Reverse Voltage	VR	5	V
Forward Current	IF	30	mA
Forward Current (Peak)	iFS	140	mA
Power Dissipation	PT	75	mW
Operating Temperature	TA	-40 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +85	
Lead Solder Temperature [2mm Below Package Base]	260°C For 3~5 Seconds		

Operating Characteristics (TA=25°C)		UY (GaAsP/GaP)	Unit
Forward Voltage (Typ.) (IF=20mA)	V _F	2.1	V
Forward Voltage (Max.) (IF=20mA)	V _F	2.5	V
Reverse Current (Max.) (V _R =5V)	I _R	10	μA
Wavelength of Peak Emission (Typ.) (IF=20mA)	λ P	590	nm
Wavelength of Dominant Emission (Typ.) (IF=20mA)	λ D	588	nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=20mA)	Δλ	35	nm
Capacitance (Typ.) (V _F =0V, f=1MHz)	C	20	pF

Part Number	Emitting Color	Emitting Material	Lens -color	Luminous Intensity (IF=20mA) mcd		Wavelength nm λ P
				min.	typ.	
EUY2785M	Yellow	GaAsP/GaP	White Diffused	10	49	590
Published Date : MAR	14,2008	Drawing No : SDSA3891	V4	Checked : Shin Chi		P.1/4

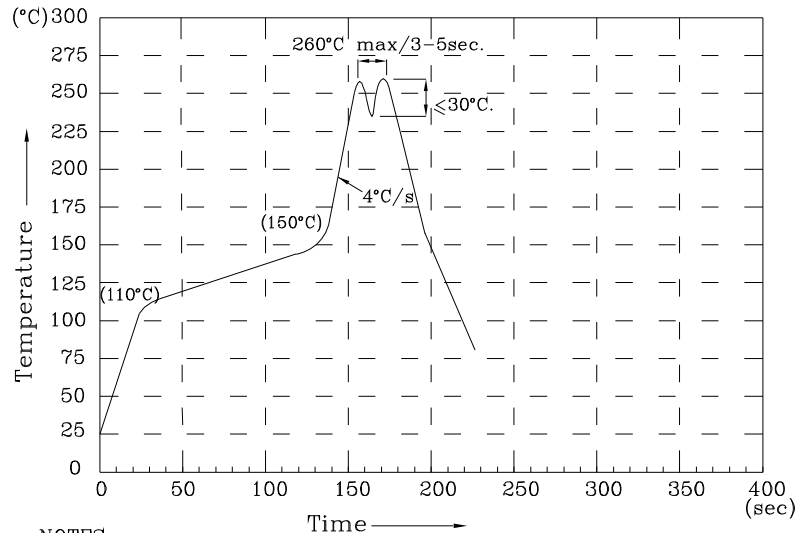


❖ **UY**



EUY2785M

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:

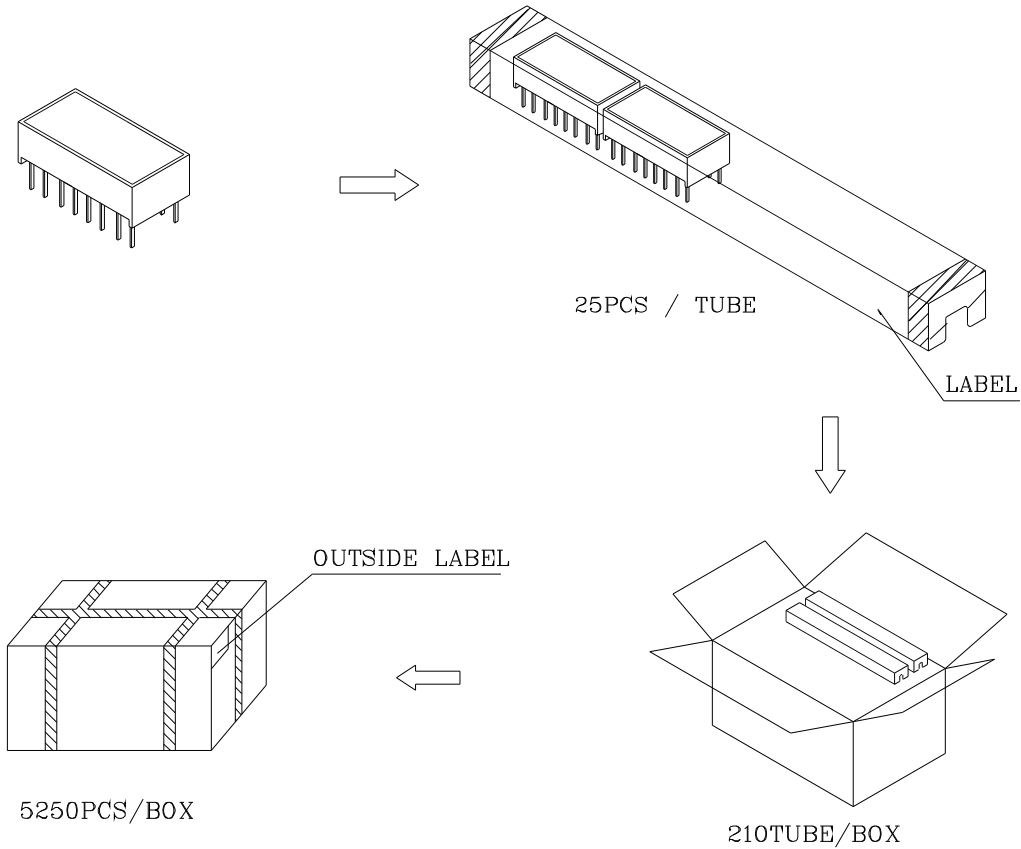
If special sorting is required (e.g. binning based on forward voltage, Luminous intensity / luminous flux, or wavelength), the typical accuracy of the sorting process is as follows:

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

EUY2785M



Inside LABEL Paste On The IC-tube

SunLED	PART NO: Eux2785x	Q.C.
QTY: 25 PCS	CODE: xx	PASSED
XXXXXXXXXX-XXXX		xx xx xx
LOT NO.		FQCX
RoHS Compliant		Date
		Number OF FQC

Outside LABEL Paste On The Box

BOX Number	xxxx	xxxx	BIN CODE
Eux2785x	5250	xx	
			Number OF QA
			Date
			