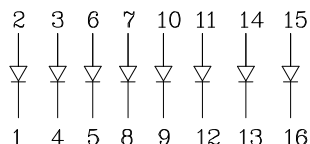


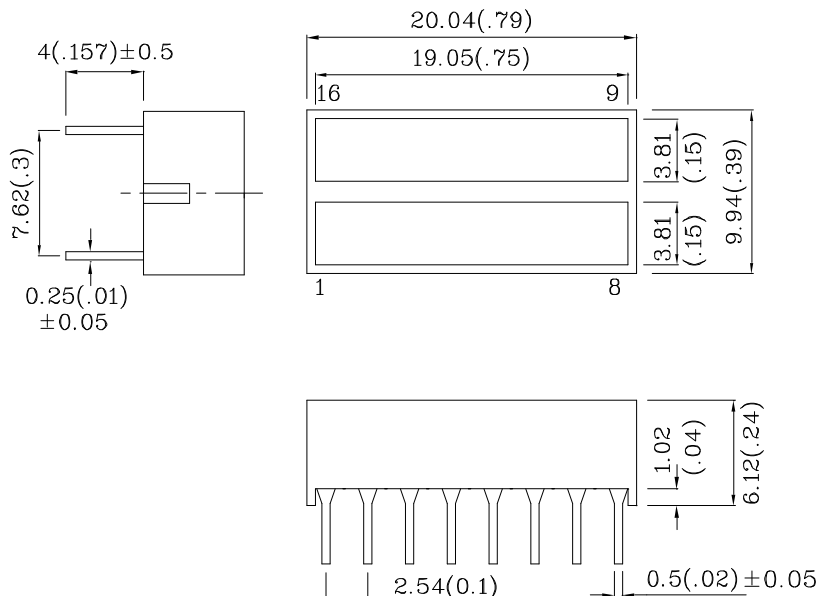
Features

- 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.



Notes:

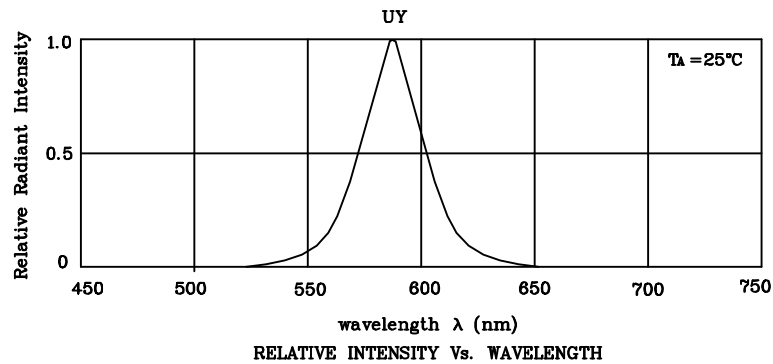
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.
3. Specifications are subject to change without notice.



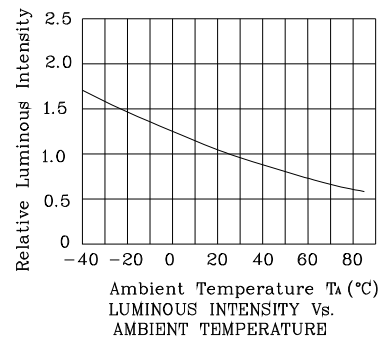
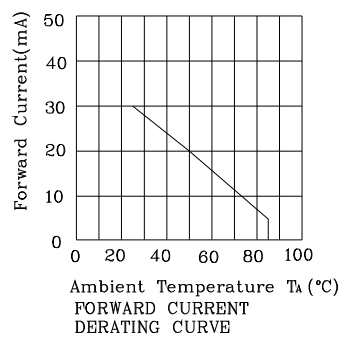
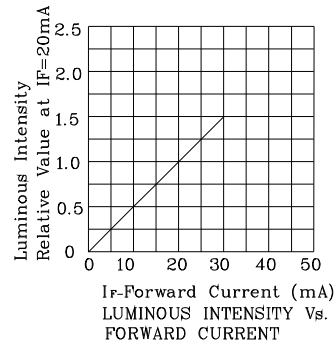
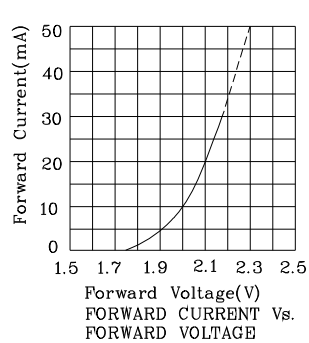
Absolute Maximum Ratings (TA=25°C)		UY (GaAsP/GaP)	Unit
Reverse Voltage	VR	5	V
Forward Current	IF	30	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	iFS	140	mA
Power Dissipation	PT	75	mW
Operating Temperature	TA	-40 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +85	
Lead Solder Temperature [2mm Below Package Base]	260°C For 3~5 Seconds		

Operating Characteristics (TA=25°C)		UY (GaAsP/GaP)	Unit
Forward Voltage (Typ.) (IF=20mA)	VF	2.1	V
Forward Voltage (Max.) (IF=20mA)	VF	2.5	V
Reverse Current (Max.) (VR=5V)	IR	10	uA
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.) (VF=0V, f=1MHz)	C	20	pF

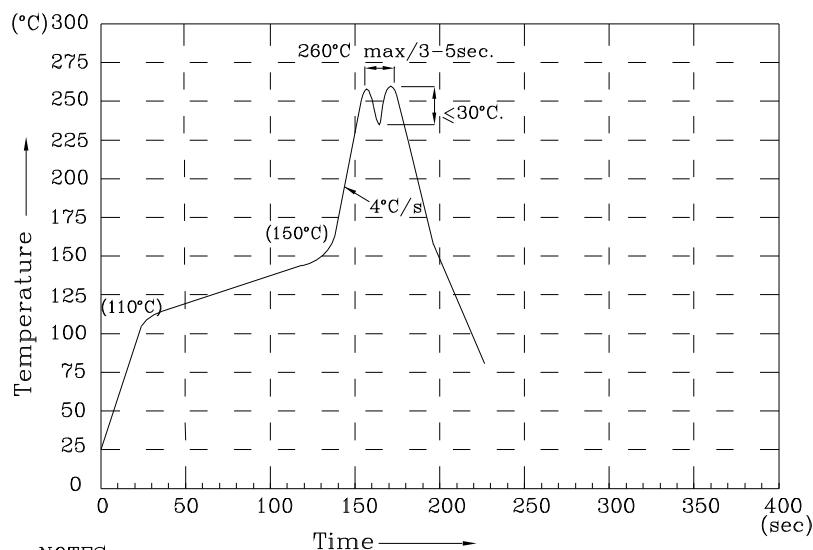
Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=20mA) mcd	Wavelength nm λ P
				min.	typ.
EUY2735M	Yellow	GaAsP/GaP	White Diffused	7	39
					590



❖ UY



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:

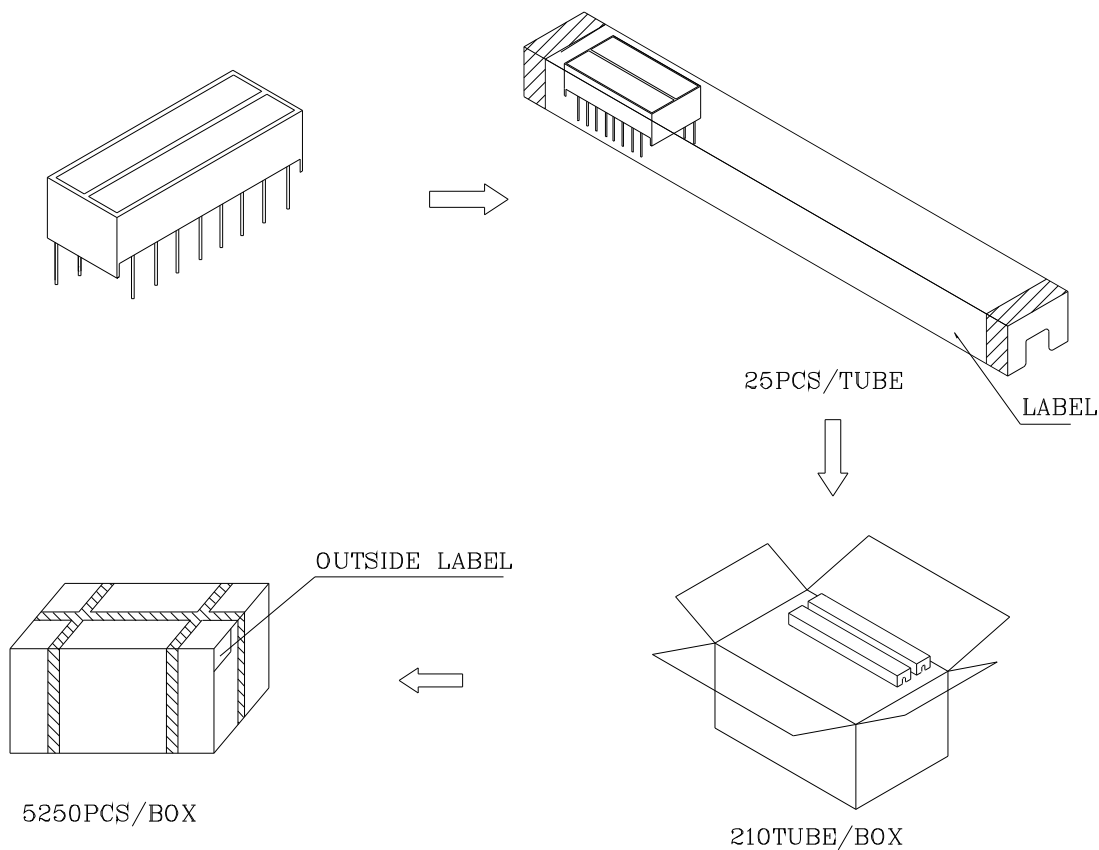
If special sorting is required (e.g. binning based on forward voltage, Luminous intensity / luminous flux, or wavelength), the typical accuracy of the sorting process is as follows:

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

EUY2735M



Inside LABEL Paste On The IC-tube

The diagram shows a rectangular product label for SunLED. The label contains the following information:

- SunLED** logo and brand name.
- PART NO: Bxx2735x**
- QTY: 26 PCS**
- CODE: xx**
- A barcode with the text **XXXXXXXXXX-XXXX** below it.
- A circular stamp with the text **PASSED XX XX FQCX**.
- RoHS Compliant** text.

Three callout lines point to specific areas of the label:

- A line from the text **LOT NO.** points to the barcode area.
- A line from the text **Date** points to the circular stamp.
- A line from the text **Number OF FQC** points to the circular stamp.

Outside LABEL Paste On The Box

The diagram shows a 60 QAx label with the following fields and callouts:

- BIN CODE:** Points to the top right section of the label, which contains the text "XXXX" and "XXXX".
- Number OF QA:** Points to the middle right section of the label, which contains the text "5250" and "XX".
- Date:** Points to the bottom right section of the label, which contains the text "xx xx xx".

The label also includes a "BOX Number" field on the top left, a "60 QAx" logo in the center, and a "PASSED" stamp at the bottom.