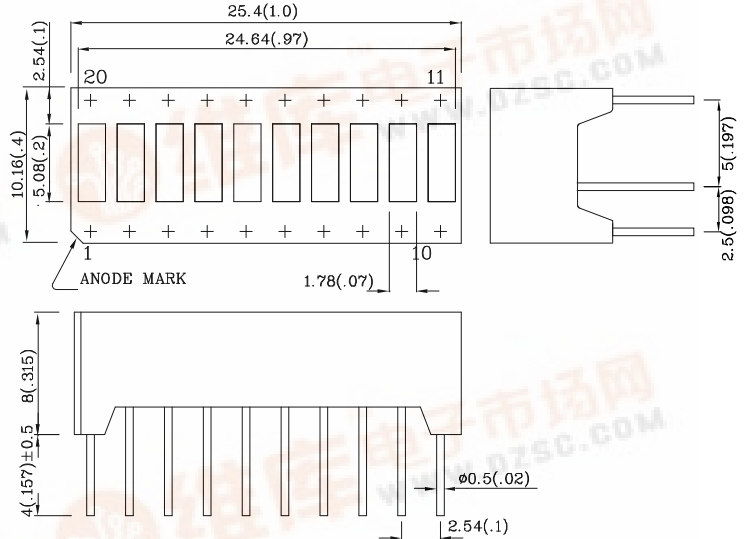
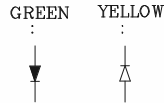
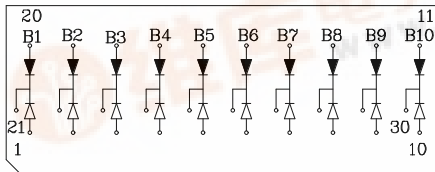


Features

- SUITABLE FOR LEVEL INDICATORS.
- LOW CURRENT OPERATION.
- EXCELLENT ON/OFF CONTRAST.
- WIDE VIEWING ANGLE.
- END STACKABLE.
- MECHANICALLY RUGGED.
- BI-COLOR VERSION AVAILABLE.
- DIFFERENT COLORS IN ONE UNIT AVAILABLE.
- STANDARD : GRAY FACE, WHITE SEGMENT.
- RoHS COMPLIANT.



Notes:

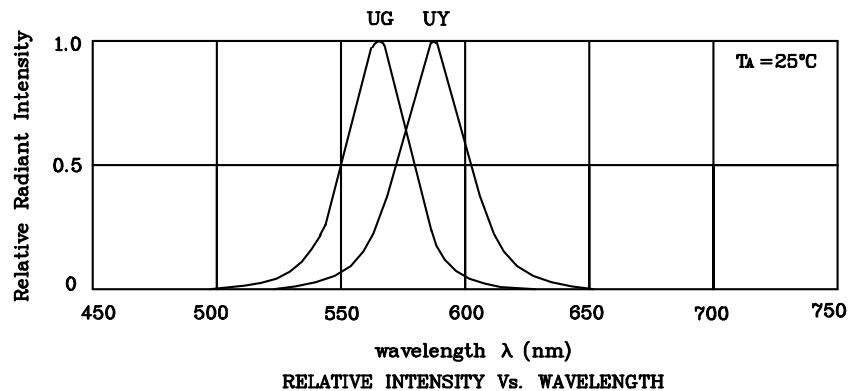
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.
3. Specifications are subject to change without notice.

Absolute Maximum Ratings (TA=25°C)		UG (GaP)	UY (GaAsP /GaP)	Unit
Reverse Voltage	VR	5	5	V
Forward Current	IF	25	30	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	iFS	140	140	mA
Power Dissipation	PT	62.5	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			

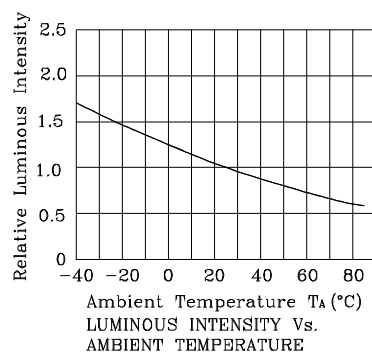
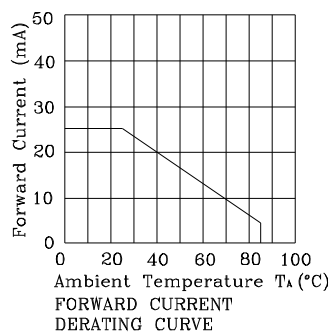
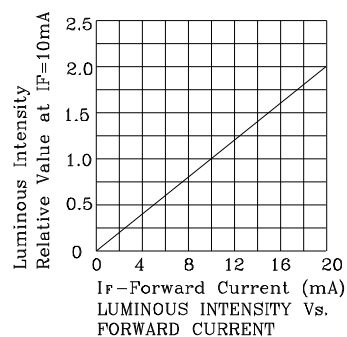
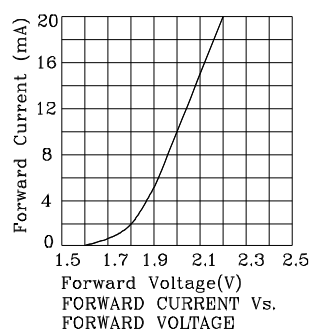
Operating Characteristics (TA=25°C)		UG (GaP)	UY (GaAsP/ GaP)	Unit
Forward Voltage (Typ.) (IF=10mA)	VF	2.0	1.95	V
Forward Voltage (Max.) (IF=10mA)	VF	2.5	2.5	V
Reverse Current (Max.) (VR=5V)	IR	10	10	uA
Wavelength Of Peak Emission (Typ.) (IF=10mA)	λP	565	590	nm
Wavelength Of Dominant Emission (Typ.) (IF=10mA)	λD	568	588	nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=10mA)	$\Delta\lambda$	30	35	nm
Capacitance (Typ.) (VF=0V, f=1MHz)	C	15	20	pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd	Wavelength nm λP	Description
GUGUYX10D	Green	GaP	min. 3000 typ. 15990	565	10 Segments Bargraph-Display
	Yellow	GaAsP/GaP	1900 8990	590	

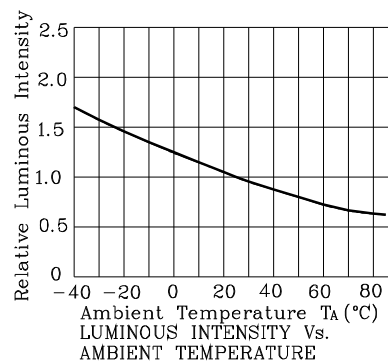
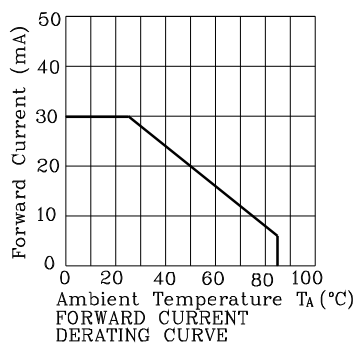
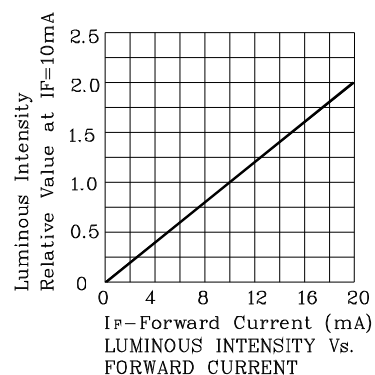
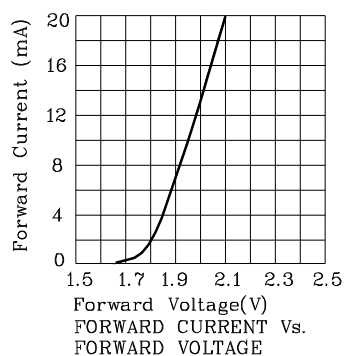




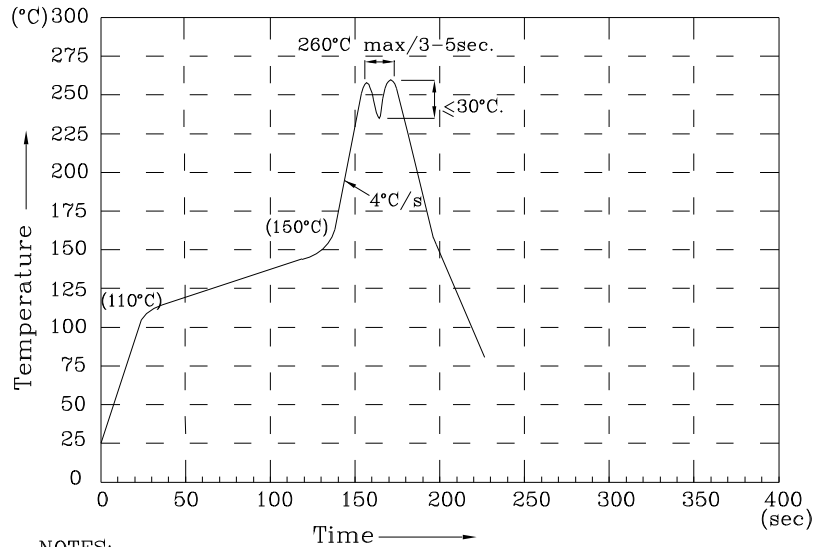
❖ UG



❖ 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:

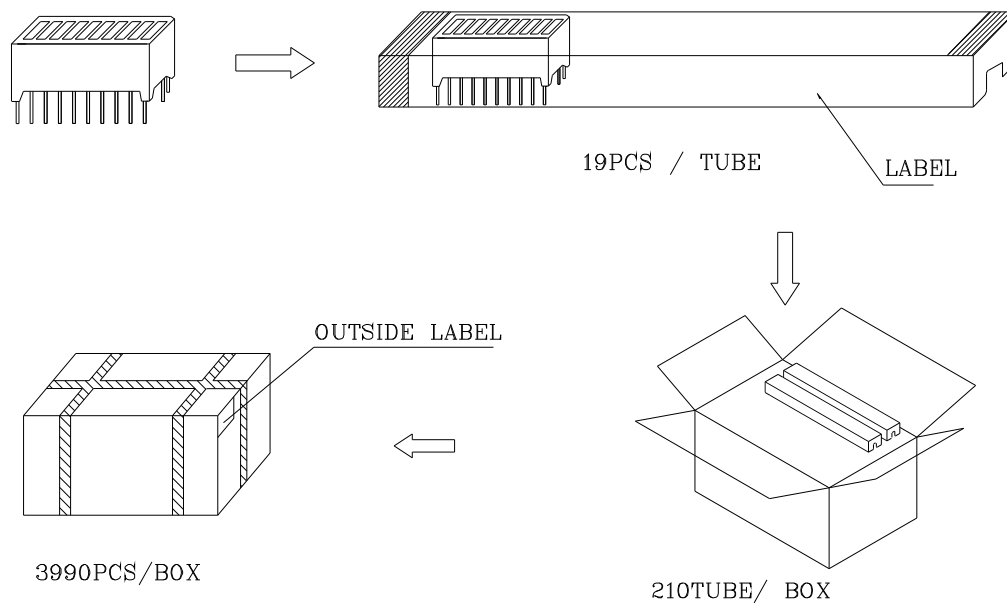
If special sorting is required (e.g. binning based on forward voltage, Luminous intensity / luminous flux, or wavelength), the typical accuracy of the sorting process is as follows:

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

GUGUYX10D



Inside LABEL Paste On The IC-tube

SunLED	PART NO: GxxX10D	Q.C.
QTY: 19 PCS	CODE: xx	PASSED XX XX XX FQC
XXXXXXXX-XXXX		RoHS Compliant
LOT NO.		Date Number OF FQC

Outside LABEL Paste On The Box

BOX Number	xxxx	XXXX	BIN CODE
GxxX10D	3990	XX	
Number OF QA			Date
QA XX XX XX PASSED			