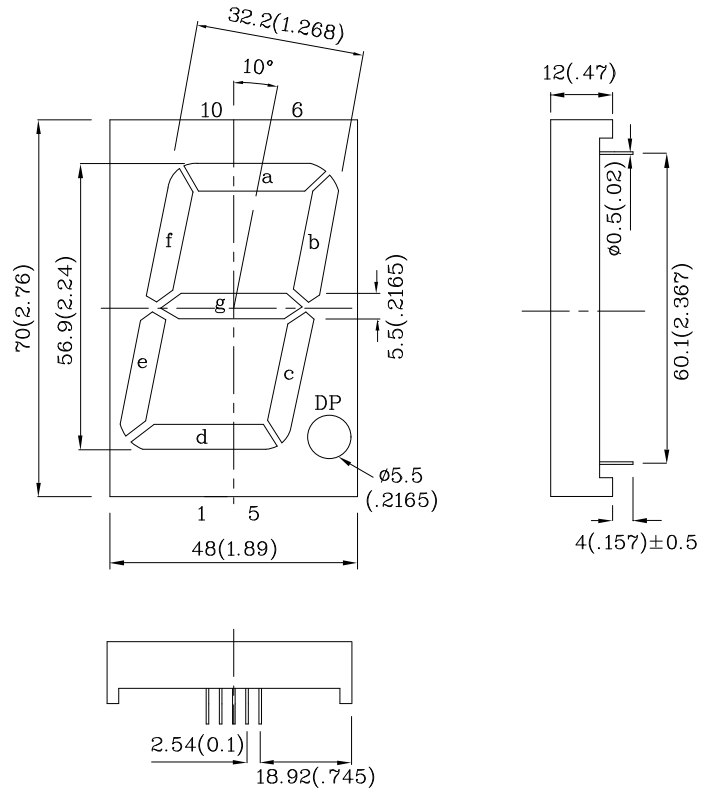
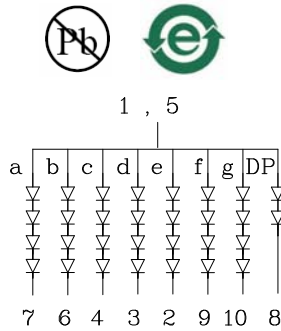


**Features**

- 2.3 INCH DIGIT HEIGHT.
- LOW CURRENT OPERATION.
- EXCELLENT CHARACTER APPEARANCE.
- HIGH LIGHT OUTPUT.
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- MULTICOLOR AVAILABLE.
- MECHANICALLY RUGGED.
- GRAY FACE, WHITE SEGMENT.
- RoHS COMPLIANT.



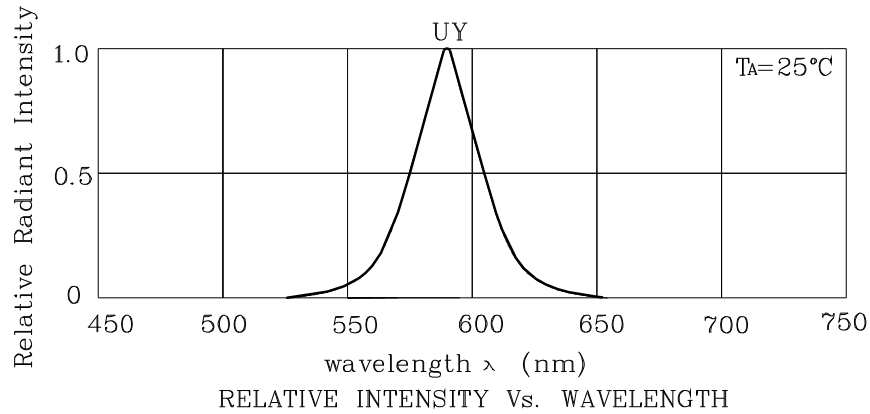
Notes:

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

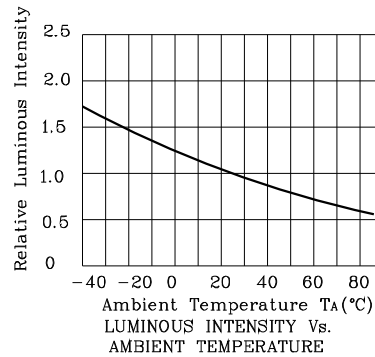
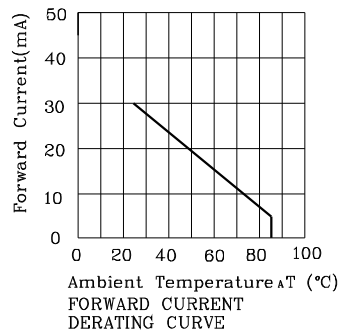
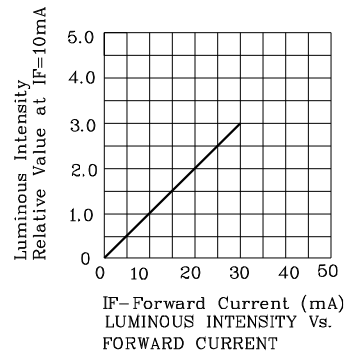
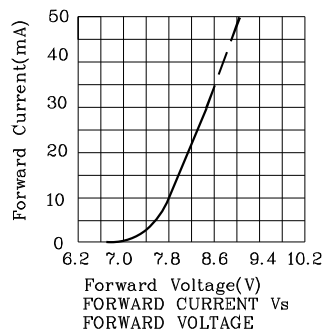
Absolute Maximum Ratings (TA=25°C)		UY (GaAsP/GaP)	Unit
Reverse Voltage Per Segment or (DP)	VR	20 (10)	V
Forward Current Per Segment or (DP)	IF	30 (30)	mA
Forward Current (Peak) Per Segment or (DP) 1/10 Duty Cycle 0.1ms Pulse Width	iFS	140 (140)	mA
Power Dissipation Per Segment or (DP)	PT	300 (150)	mW
Operating Temperature	TA	-40 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +85	
Lead Solder Temperature [2mm Below Package Base]	260°C For 3~5 Seconds		

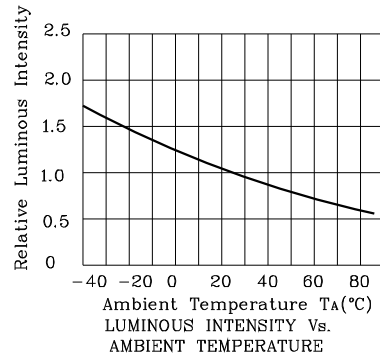
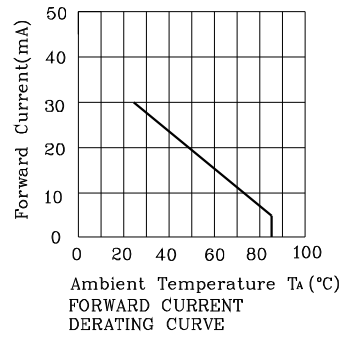
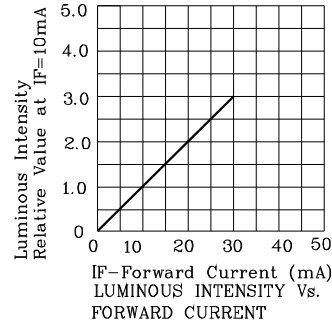
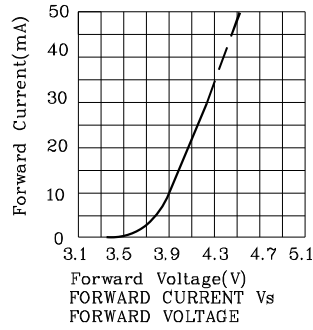
Operating Characteristics (TA=25°C)		UY (GaAsP/GaP)	Unit
Forward Voltage (Typ.) Per Segment or (DP) (IF=10mA)	VF	7.8 (3.9)	V
Forward Voltage (Max.) Per Segment or (DP) (IF=10mA)	VF	10.0 (5.0)	V
Reverse Current Per Segment or (DP) (VR=20(10)V)	IR	10	uA
Wavelength of Peak Emission (Typ.) (IF=10mA)	λ P	590	nm
Wavelength of Dominant Emission (Typ.) (IF=10mA)	λ D	588	nm
Spectral Line Full Width At Half-Maximum(Typ.) (IF=10mA)	Δλ	35	nm
Capacitance (Typ.) (VF=0V, f=1MHz)	C	20	pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd	Wavelength nm λ P	Description	
			min.	typ.		
DUY57A-A	Yellow	GaAsP/GaP	8000	26490	590	Common Anode. Rt. Hand Decimal

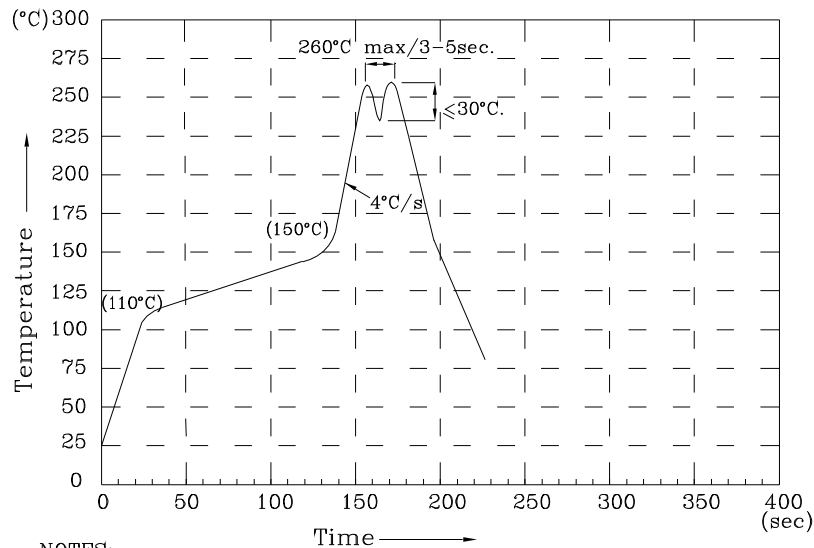


❖ UY





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:

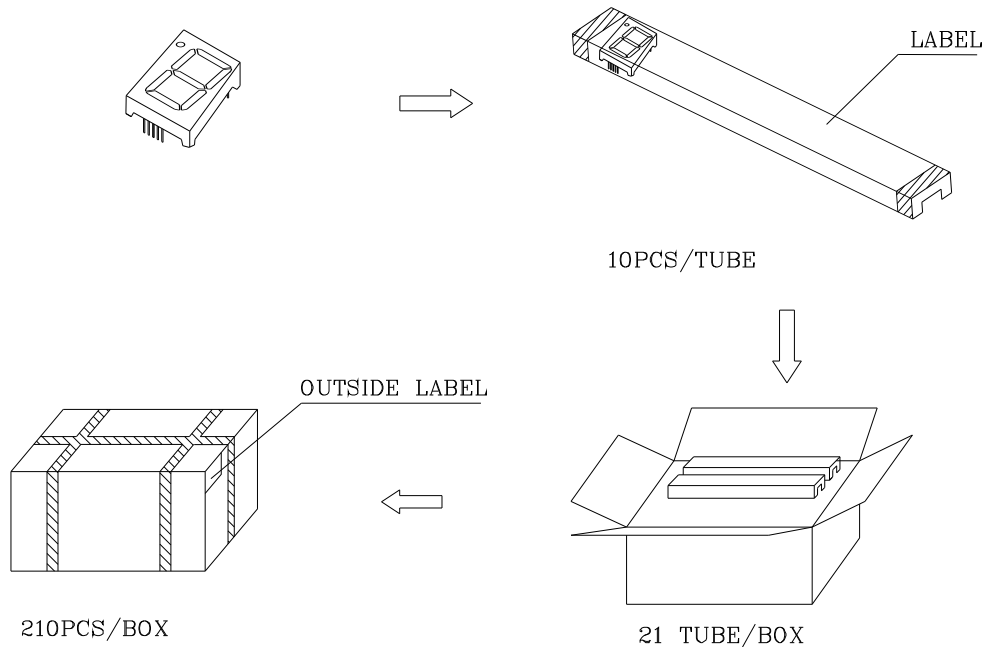
If special sorting is required (e.g. binning based on forward voltage, luminous intensity/ luminous flux or wavelength), the typical accuracy of the sorting process is as follows:

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

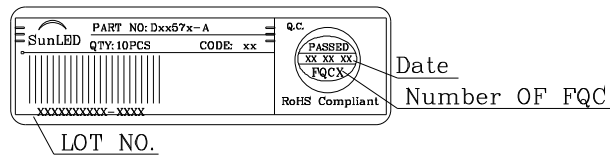
Note: Accuracy may depend on the sorting parameters.

**PACKING & LABEL SPECIFICATIONS**

**DUY57A-A**



Inside LABEL Paste On The IC-tube



Outside LABEL Paste On The Box

