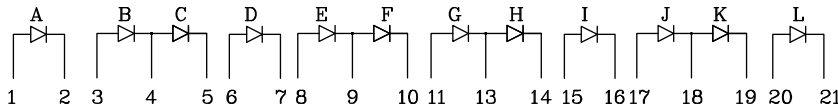
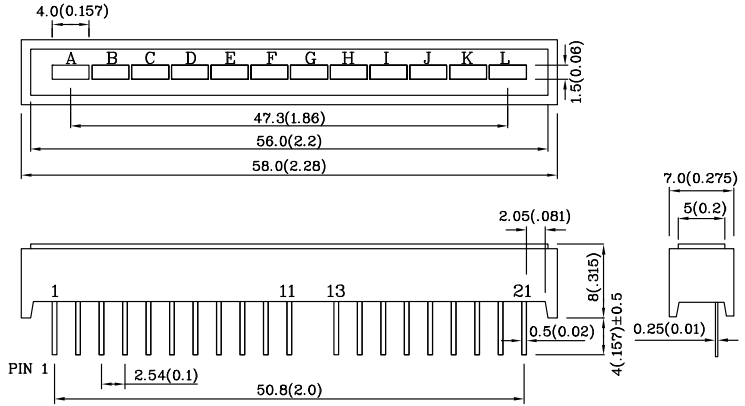


**Features**

- SUITABLE FOR LEVEL INDICATORS.
- LOW CURRENT OPERATION.
- WIDE VIEWING ANGLE.
- MECHANICALLY RUGGED.
- DIFFERENT COLORS IN ONE UNIT AVAILABLE.
- BLACK FACE, WHITE SEGMENT.
- RoHS COMPLIANT.



12 NO PIN

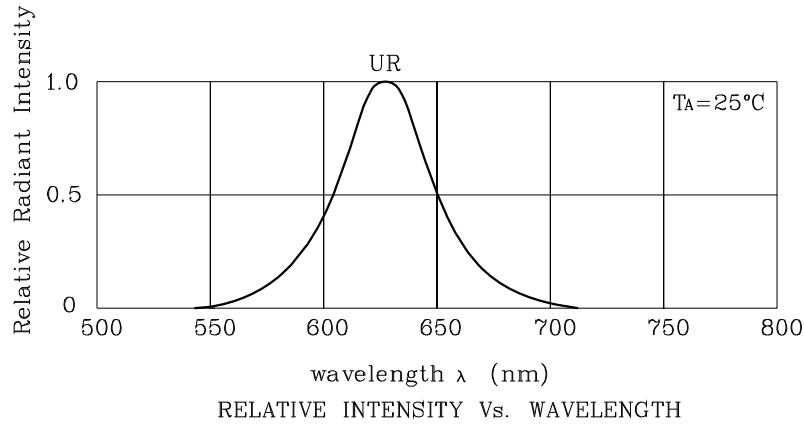
Notes:

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

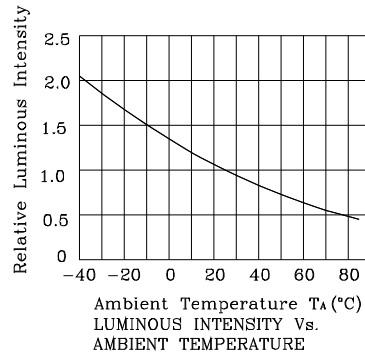
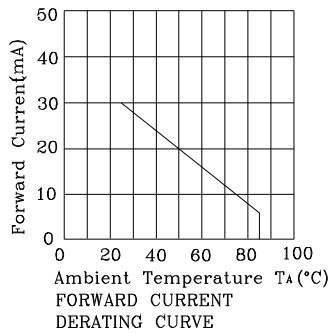
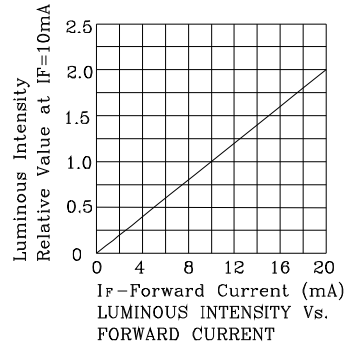
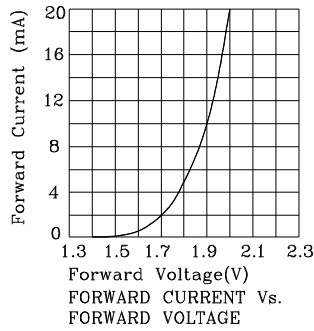
Absolute Maximum Ratings (TA=25°C)	UR (GaAsP/GaP)	Unit
Reverse Voltage	VR	5 V
Forward Current	IF	30 mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	iFS	160 mA
Power Dissipation	PT	75 mW
Operating Temperature	TA	-40 ~ +85 °C
Storage Temperature	Tstg	-40 ~ +85 °C
Lead Solder Temperature [2mm Below Package Base]	260°C For 3~5 Seconds	

Operating Characteristics (TA=25°C)	UR (GaAsP/GaP)	Unit
Forward Voltage (Typ.) (IF=10mA)	VF	1.9 V
Forward Voltage (Max.) (IF=10mA)	VF	2.5 V
Reverse Current (Max.) (VR=5V)	IR	10 uA
Wavelength Of Peak Emission (Typ.) (IF=10mA)	λ P	627 nm
Wavelength Of Dominant Emission (Typ.) (IF=10mA)	λ D	625 nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=10mA)	Δλ	45 nm
Capacitance (Typ.) (VF=0V, f=1MHz)	C	15 pF

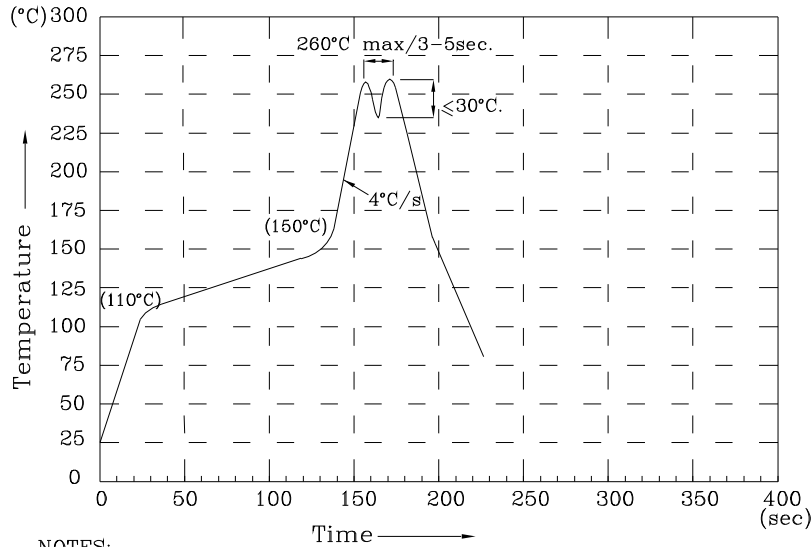
Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd	Wavelength nm λ P	Description
			min.	typ.	
HURX12DWB	Red	GaAsP/GaP	3000	7690	627 12 Segments Bargraph-Display
Published Date : MAR 17,2008      Drawing No : SDSA3721      V4      Checked : Shin Chi      P.1/4					



❖ UR



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:

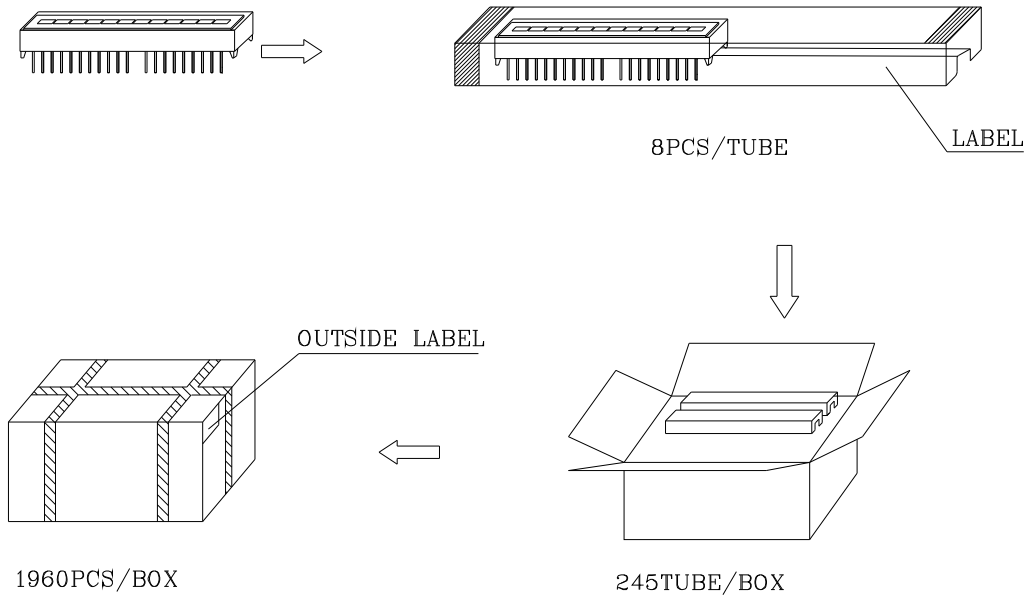
1. Wavelength: +/-1nm
2. Luminous intensity / luminous flux: +/-15%
3. Forward Voltage: +/-0.1V

Note: Accuracy may depend on the sorting parameters.

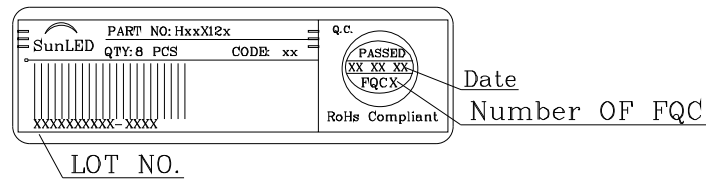


**PACKING & LABEL SPECIFICATIONS**

**HURX12DWB**



Inside LABEL Paste On The IC-tube



Outside LABEL Paste On The Box

