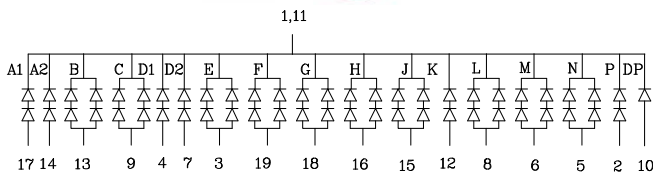


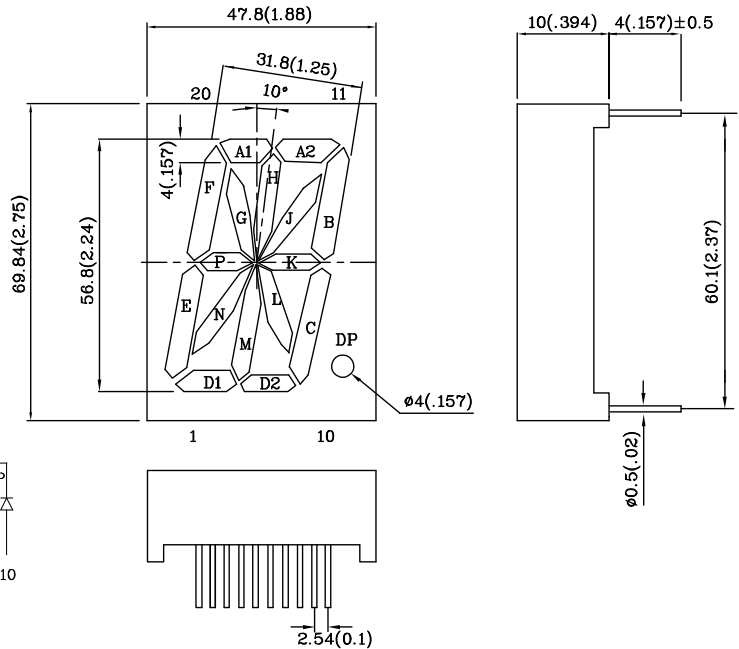
Features

- 2.3 INCH CHARACTER HEIGHT.
- LOW CURRENT OPERATION.
- HIGH CONTRAST AND LIGHT OUTPUT.
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- MECHANICALLY RUGGED.
- 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.

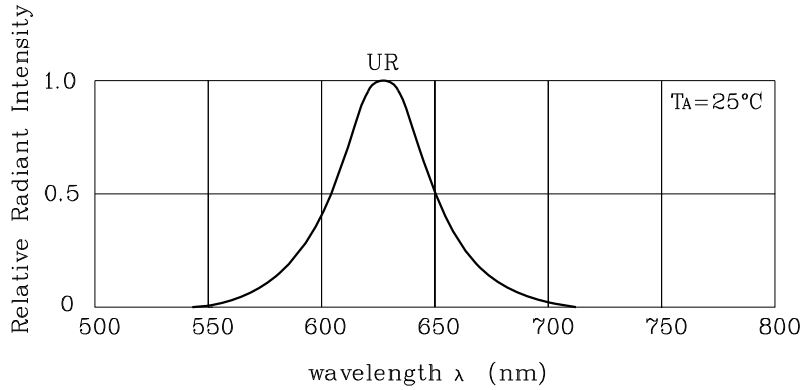


Absolute maximum ratings ($T_A=25^\circ\text{C}$)			UR (GaAsP/ GaP)	Unit
Reverse Voltage	A1,A2,D1, D2,P,K	V _R	10	V
	B,C,E,F,G, H,J,L,M,N		10	
	DP		5	
Forward Current	A1,A2,D1, D2,P,K	I _F	30	mA
	B,C,E,F,G, H,J,L,M,N		60	
	DP		30	
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	A1,A2,D1, D2,P,K	i _{FS}	160	mA
	B,C,E,F,G, H,J,L,M,N		320	
	DP		160	
Power Dissipation	A1,A2,D1, D2,P,K	P _T	150	mW
	B,C,E,F,G, H,J,L,M,N		300	
	DP		75	
Operating Temperature	T _A	-40 ~ +85	°C	
Storage Temperature	T _{stg}	-40 ~ +85		
Lead Solder Temperature [2mm Below Package Base]	260°C For 3~5 Seconds			

Operating Characteristics ($T_A=25^\circ\text{C}$)			UR (GaAsP/ GaP)	Unit
Forward Voltage (Typ.) (I _F =10mA)	A1,A2,D1,D2, P,K	V _F	3.8	V
	B,C,E,F,G,H, J,L,M,N			
	DP		1.9	
Forward Voltage (Max.) (I _F =10mA)	A1,A2,D1,D2, P,K	V _F	5	V
	B,C,E,F,G,H, J,L,M,N			
	DP		2.5	
Reverse Current (Max.) (V _R =10V)	A1,A2,D1,D2, P,K	I _R	10	uA
Reverse Current (Max.) (V _R =10V)	B,C,E,F,G,H, J,L,M,N		20	
Reverse Current (Max.) (V _R =5V)	DP		10	
Wavelength of Peak Emission (Typ.) (I _F =10mA)	λ _P	627	nm	
Wavelength of Dominant Emission (Typ.) (I _F =10mA)	λ _D	625	nm	
Spectral Line Full Width At Half- Maximum (Typ.) (I _F =10mA)	Δλ	45	nm	
Capacitance (Typ.) (V _F =0V, f=1MHz)	C	15	pF	

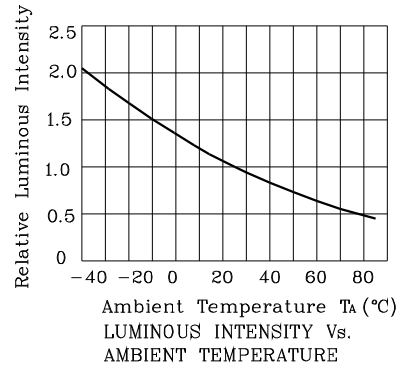
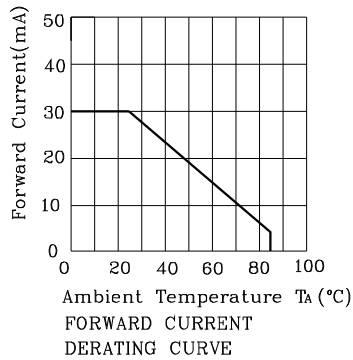
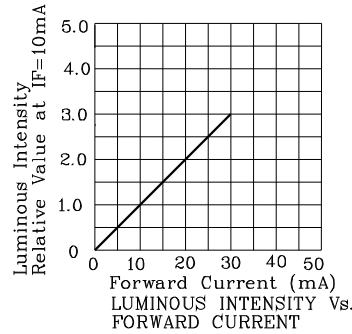
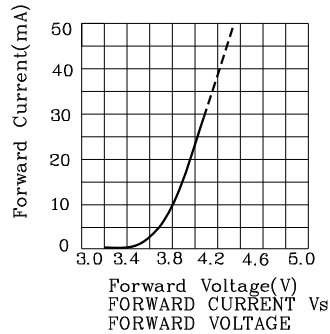


Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd		Wavelength nm λ P	Description
			min.	typ.		
AUR60C	Red	GaAsP/GaP	1900	7990	627	Common Cathode, Rt. Hand Decimal

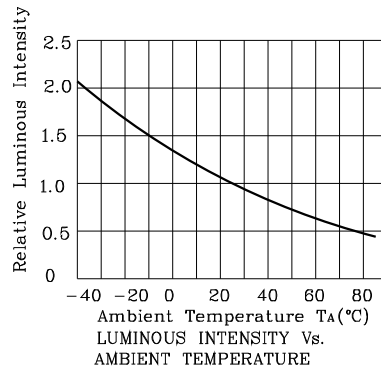
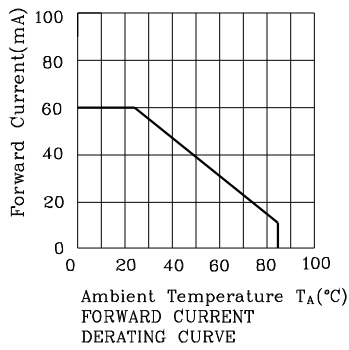
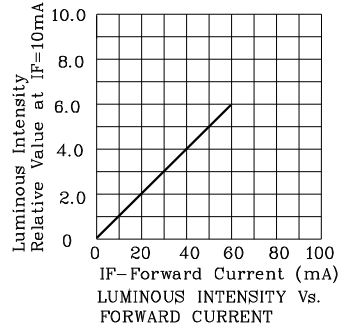
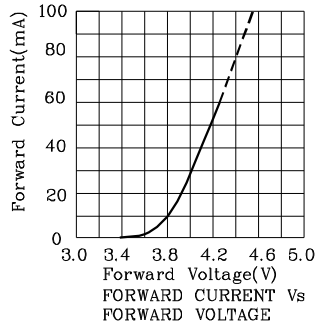


RELATIVE INTENSITY Vs. WAVELENGTH

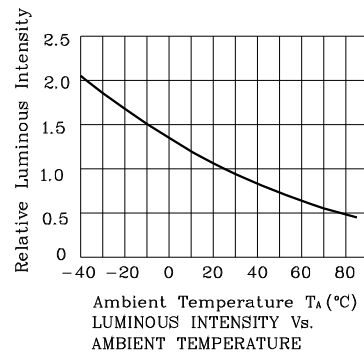
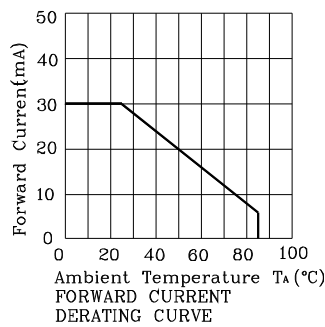
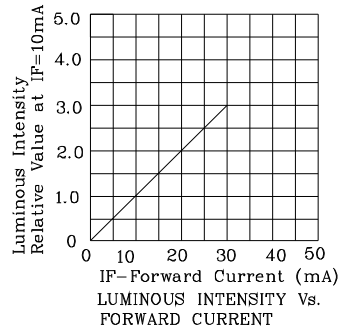
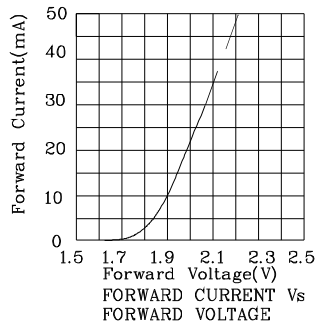
❖ UR



Note:the curves are on the segment a1,a2,d1,d2,p,k.

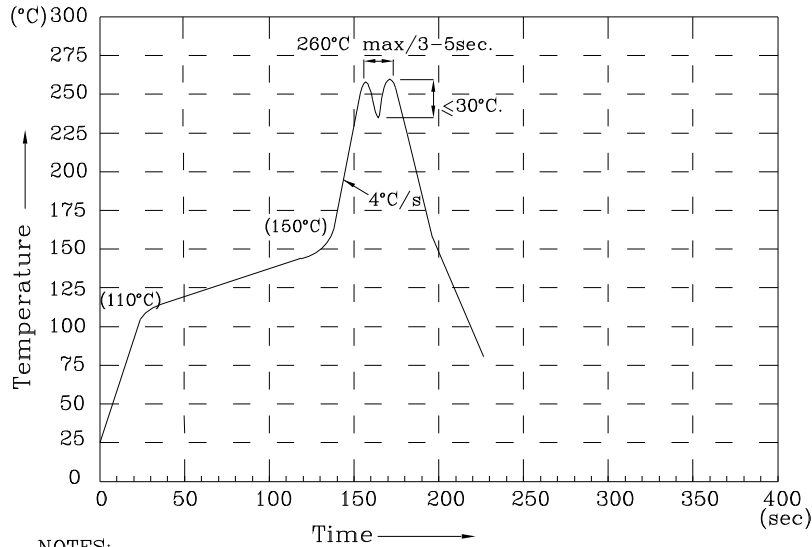


Note:the curves are on the segment b,c,e,f,g,h,j,l,m,n.



Note:the curves are on the DP.

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:

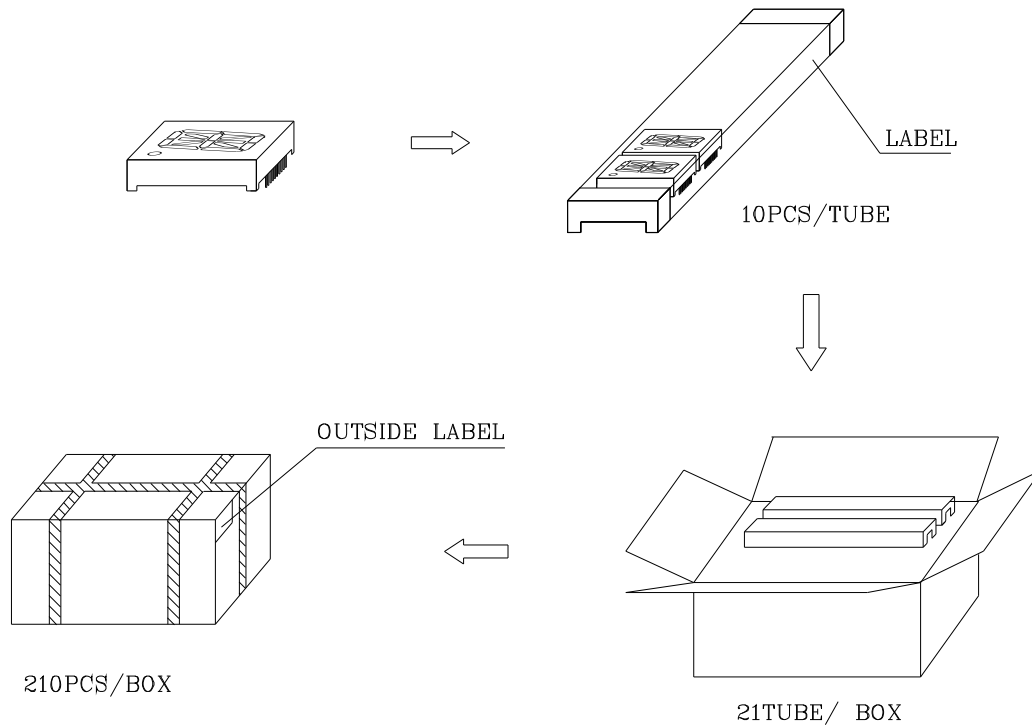
If special sorting is required (e.g. binning based on forward voltage, luminous intensity / luminous flux or wavelength), the typical accuracy of the sorting process is as follows:

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

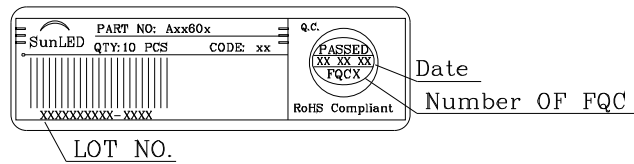
Note: Accuracy may depend on the sorting parameters.

PACKING & LABEL SPECIFICATIONS

AUR60C



Inside LABEL Paste On The IC-tube



Outside LABEL Paste On The Box

