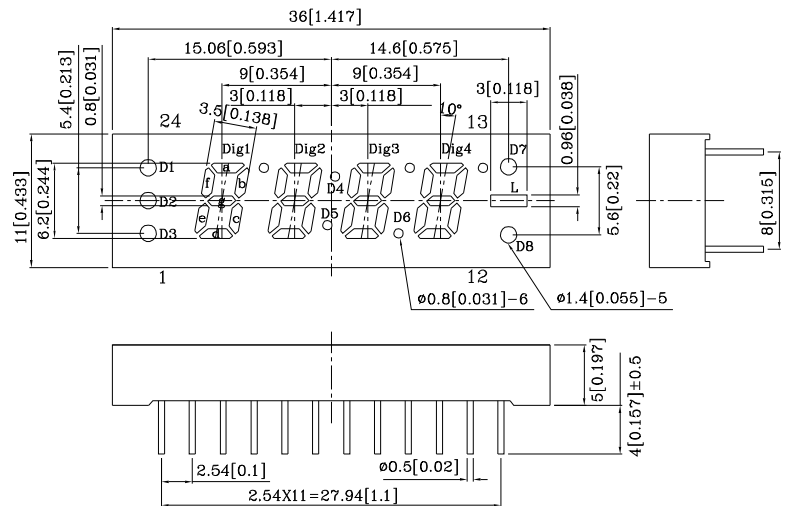
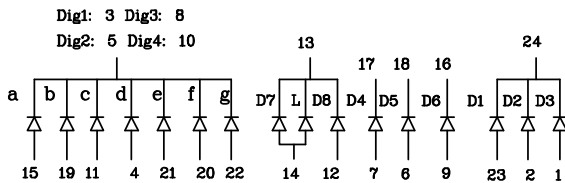


### Features

- 0.25 INCH DIGIT HEIGHT.
- LOW CURRENT OPERATION.
- EXCELLENT CHARACTER APPEARANCE.
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- I.C. COMPATIBLE.
- CATEGORIZED FOR LUMINOUS INTENSITY.
- MECHANICALLY RUGGED.
- STANDARD : GRAY FACE, WHITE SEGMENT.
- RoHS COMPLIANT.



### Notes:

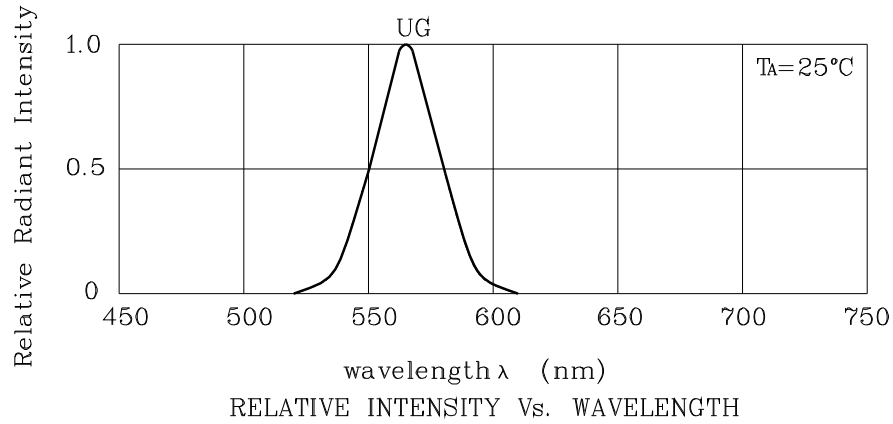
1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01)$  unless otherwise noted.
3. Specifications are subject to change without notice.

Absolute Maximum Ratings (TA=25°C)			UG (GaP)	Unit
Reverse Voltage	Dig1'8,'Dig2'8,'Dig3'8',D ig4'8' D1,D2,D3,D4,D5,D6,D8	VR	5	V
	D7,L			
Forward Current	Dig1'8,'Dig2'8,'Dig3'8',D ig4'8' D1,D2,D3,D4,D5,D6,D8	IF	25	mA
	D7,L		50	
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	Dig1'8,'Dig2'8,'Dig3'8',D ig4'8' D1,D2,D3,D4,D5,D6,D8	iFS	140	mA
	D7,L		280	
Power Dissipation	Dig1'8,'Dig2'8,'Dig3'8',D ig4'8' D1,D2,D3 ,D4,D5,D6,D 8	PT	62.5	mW
	D7,L		125	
Operating Temperature		TA	-40 ~ +85	°C
Storage Temperature		Tstg	-40 ~ +85	
Lead Solder Temperature [2mm Below Package Base]	260°C For 3~5 Seconds			

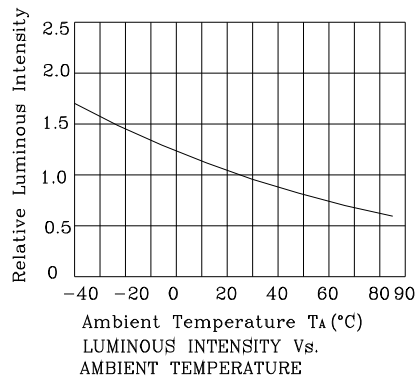
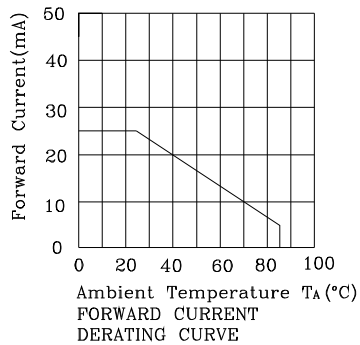
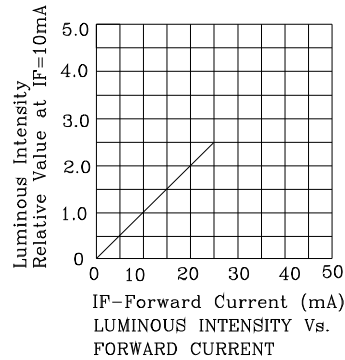
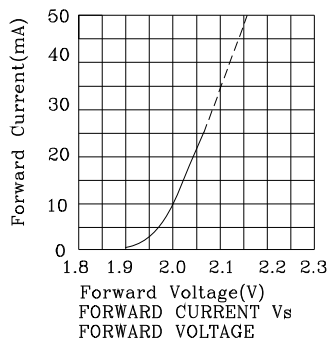
Operating Characteristics (TA=25°C)			UG (GaP)	Unit
Forward Volt- age (Typ.) (IF=10mA)	Dig1'8,'Dig2'8,'Dig3'8',D ig4'8' D1,D2,D3,D4,D5,D6,D8	VF	2.0	V
	D7,L			
Forward Volt- age (Max.) (IF=10mA)	Dig1'8,'Dig2'8,'Dig3'8',D ig4'8' D1,D2,D3,D4,D5,D6,D8	VF	2.5	V
	D7,L			
Reverse Cur- rent (Max.) (VR=5V)	Dig1'8,'Dig2'8,'Dig3'8',D ig4'8' D1,D2,D3,D4,D5,D6,D8	IR	10	uA
	D7,L		20	
Wavelength of Peak (Typ.) Emission (IF=10mA)			$\lambda P$	565 nm
Wavelength of Dominant Emission (Typ.) (IF=10mA)			$\lambda D$	568 nm
Spectral Line Full Width (Typ.) At Half-Maximum (IF=10mA)			$\Delta\lambda$	30 nm
Capacitance (Typ.) (VF=0V, f=1MHz)			C	15 pF



Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd		Wavelength nm $\lambda$ P	Description
			min.	typ.		
DUG06C4-A	Green	GaP	1900	10490	565	Common Cathode

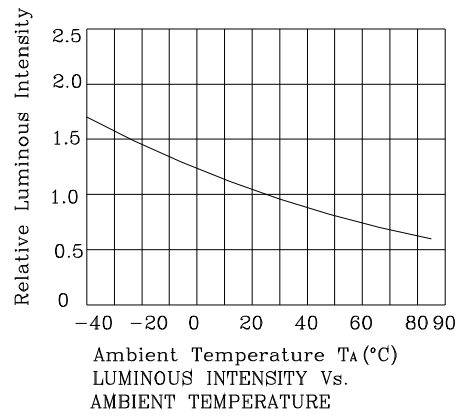
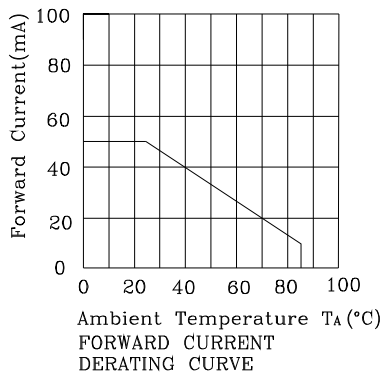
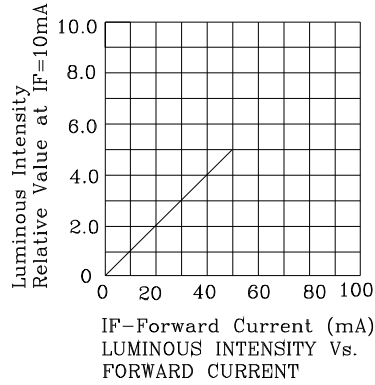
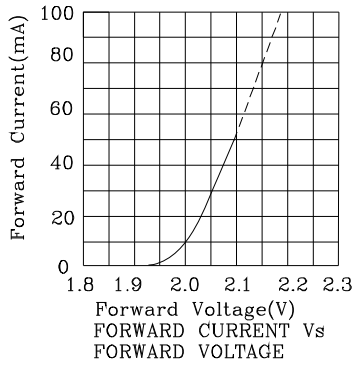


❖ UG

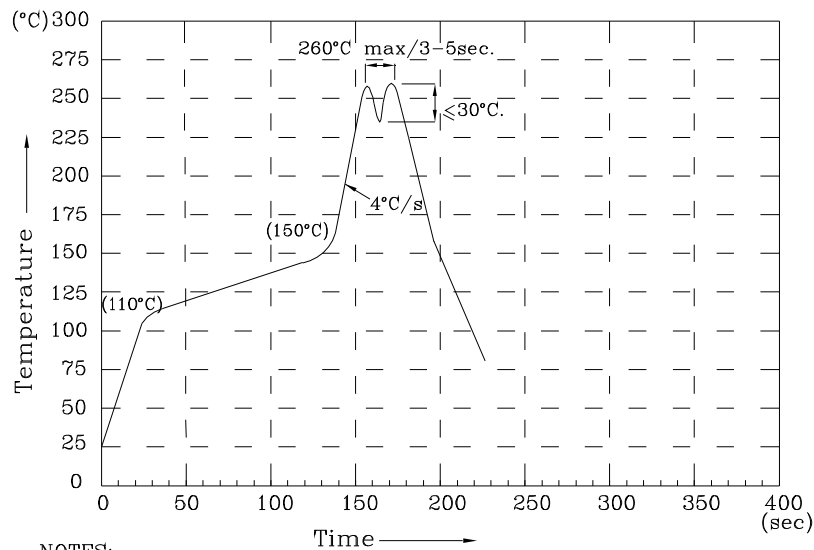




❖ UG



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:

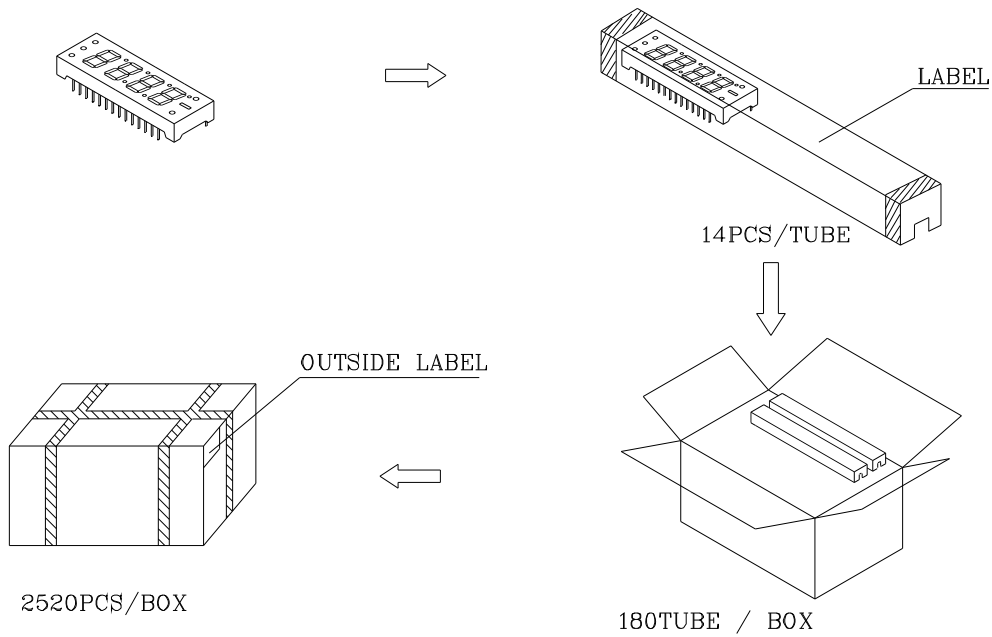
1. Wavelength: +/-1nm
2. Luminous Intensity/ luminous flux: +/-15%
3. Forward Voltage: +/-0.1V

Note: Accuracy may depend on the sorting parameters.

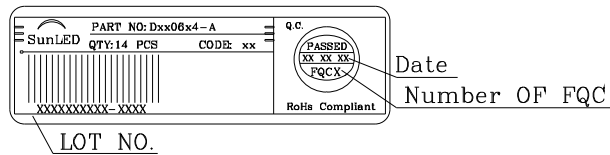


**PACKING & LABEL SPECIFICATIONS**

**DUG06C4-A**



Inside LABEL Paste On The IC-tube



Outside LABEL Paste On The Box

