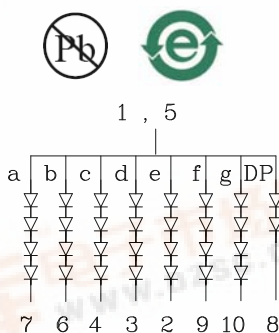


Part Number: **DUG57A-A**

57mm (2.3") SINGLE DIGIT NUMERIC DISPLAY

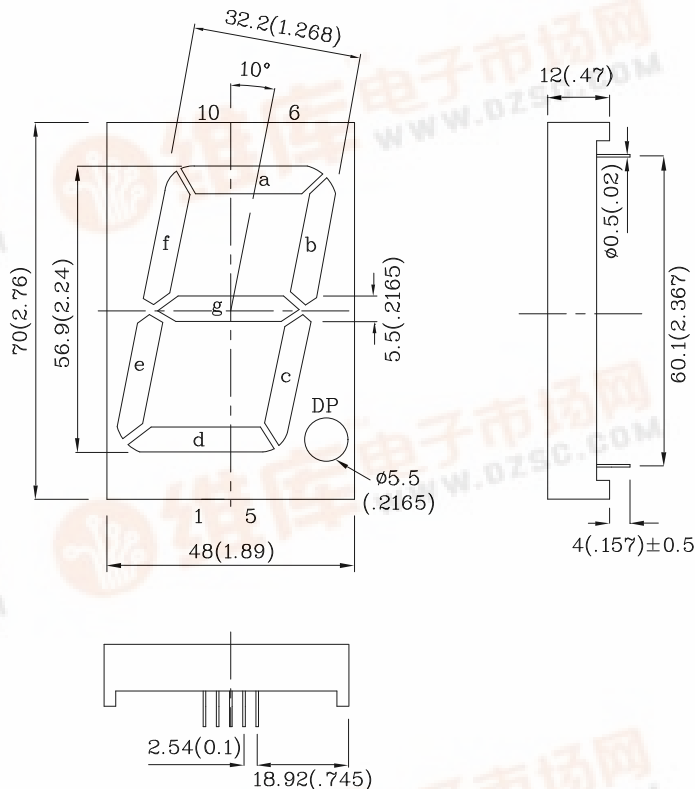
Features

- 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:

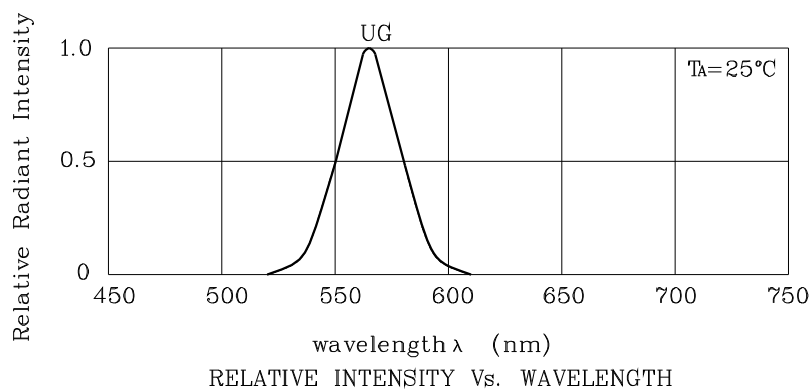
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
3. Specifications are subject to change without notice.



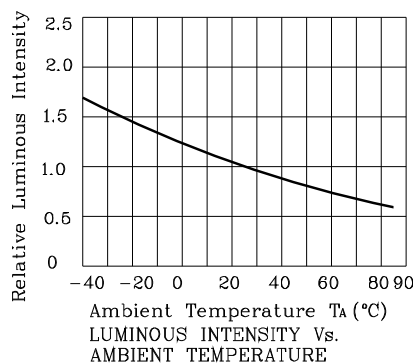
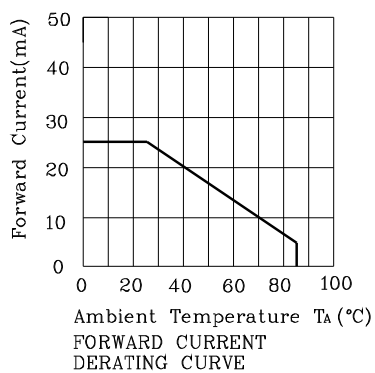
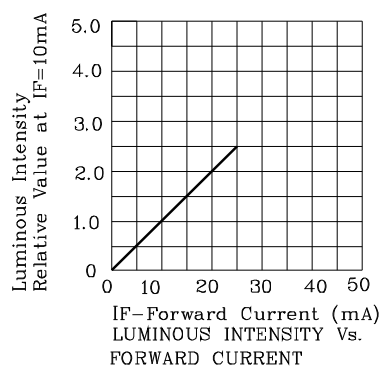
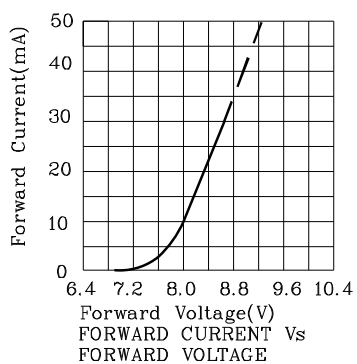
Absolute Maximum Ratings (TA=25°C)		UG (GaP)	Unit
Reverse Voltage Per Segment or (DP)	VR	20 (10)	V
Forward Current Per Segment or (DP)	IF	25 (25)	mA
Forward Current (Peak) Per Segment or (DP) 1/10 Duty Cycle 0.1ms Pulse Width	iFS	140 (140)	mA
Power Dissipation Per Segment or (DP)	PT	250 (125)	mW
Operating 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)	Unit
Forward Voltage (Typ.) Per Segment or (DP) (IF=10mA)	V _F	8.0 (4.0)	V
Forward Voltage (Max.) Per Segment or (DP) (IF=10mA)	V _F	10.0 (5.0)	V
Reverse Current Per Segment or (DP) (VR=20(10)V)	I _R	10	uA
Wavelength of Peak Emission (Typ.) (IF=10mA)	λ P	565	nm
Wavelength of Dominant Emission (Typ.) (IF=10mA)	λ D	568	nm
Spectral Line Full Width At Half-Maximum (Typ.) (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 λ P	Description
			min.	typ.		
DUC57A-A	Green	GaP	12000	52990	565	Common Anode. Rt. Hand Decimal

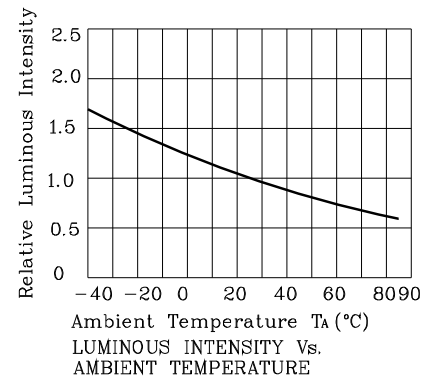
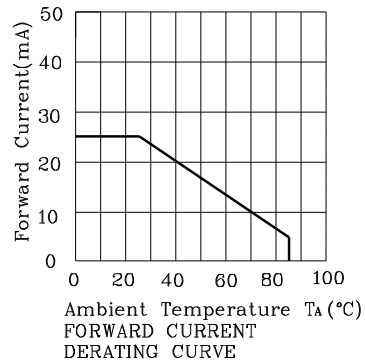
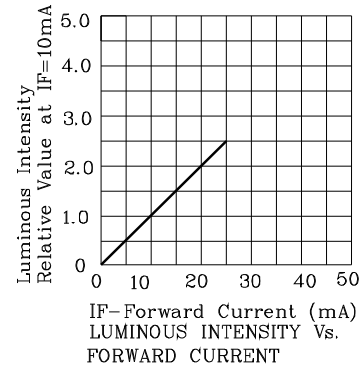
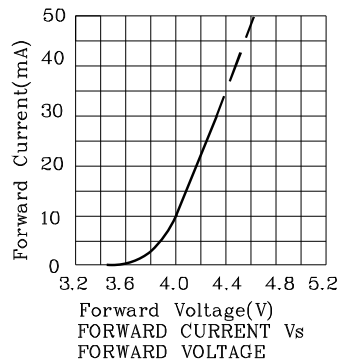


❖ UG



Part Number: **DUG57A-A**

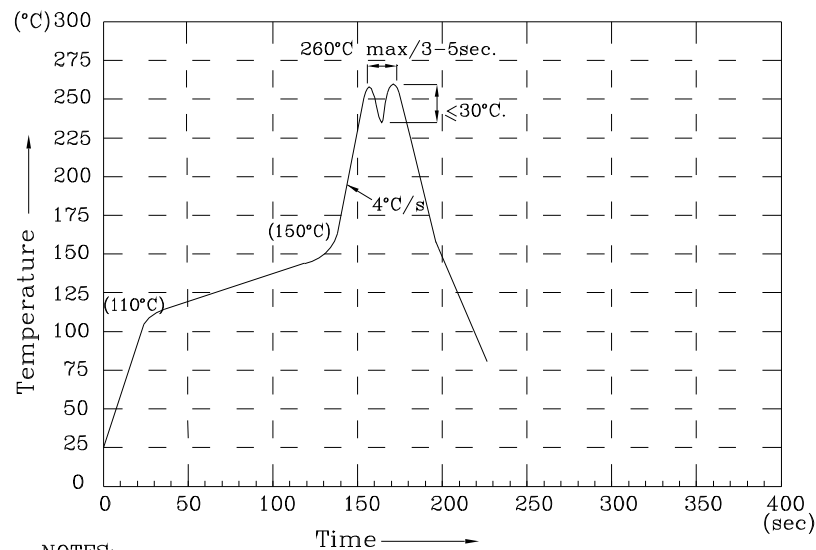
57mm (2.3") SINGLE DIGIT NUMERIC DISPLAY



Part Number: **DUG57A-A**

57mm (2.3") SINGLE DIGIT NUMERIC DISPLAY

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:

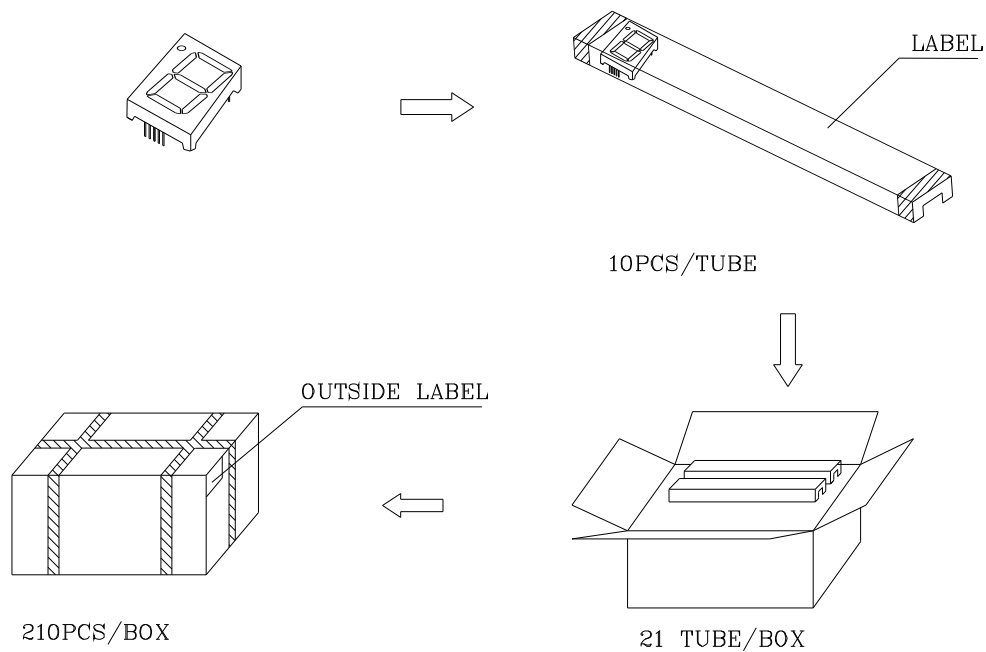
If special sorting is required (e.g. binning based on forward voltage, luminous intensity/ luminous flux or wavelength), the typical accuracy of the sorting process is as follows:

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

DUG57A-A



Inside LABEL Paste On The IC-tube

SunLED	PART NO: Dxx57x-A	Q.C.
QTY: 10PCS	CODE: xx	PASSED XX XX XX FQCX
XXXXXXXXXX-XXXX		RoHS Compliant
LOT NO.		Date Number OF FQC

Outside LABEL Paste On The Box

BOX Number	XXXX	XXXX	BIN CODE
Dxx57x-A	210	XX	
Number OF QA			
Date			
			