

# **7mm (0.28") FOUR DIGIT NUMERIC DISPLAY**

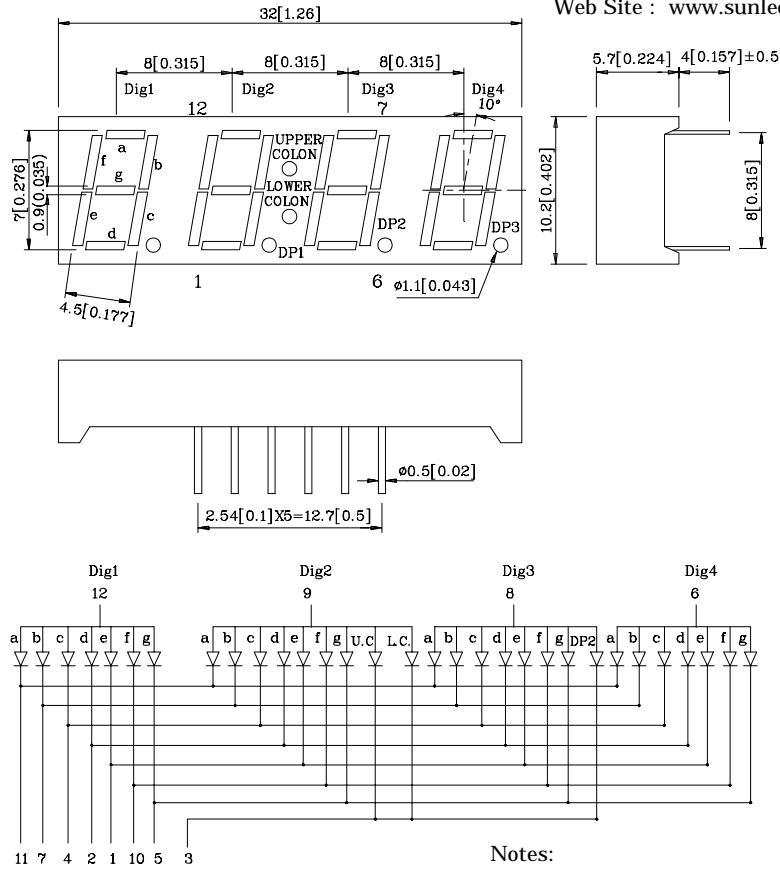


**SUN LED**

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XDUG07A4



Notes:

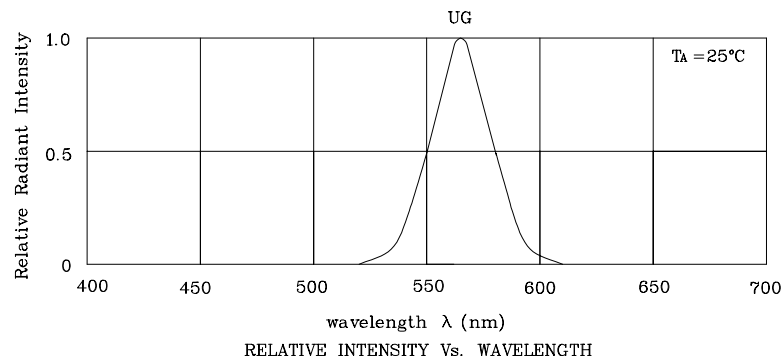
1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25$  (0.01") unless otherwise noted.

Absolute maximum ratings (T <sub>A</sub> =25°C)		UG (GaP)	Unit
Reverse voltage	V <sub>R</sub>	5	V
Forward current	I <sub>F</sub>	25	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i <sub>FS</sub>	140	mA
Power dissipation	P <sub>T</sub>	105	mW
Operating temperature	T <sub>A</sub>	-40 ~ +85	°C
Storage temperature	T <sub>stg</sub>		
Lead solder temperature [2mm below package base]		260°C For 5 Seconds	

Operating Characteristics ( $T_A=25^{\circ}\text{C}$ )		UG (GaP)	Unit
Forward voltage (typ.) ( $I_F=10\text{mA}$ )	$V_F$	2.0	V
Forward voltage (max.) ( $I_F=10\text{mA}$ )	$V_F$	2.5	V
Reverse current ( $V_R=5\text{V}$ )	$I_R$	10	$\mu\text{A}$
Wavelength at peak emission ( $I_F=10\text{mA}$ )	$\lambda_{\text{peak}}$	565	nm
Wavelength at Dominate emission ( $I_F=10\text{mA}$ )	$\lambda_D$	568	nm
Spectral Line half-width ( $I_F=10\text{mA}$ )	$\Delta\lambda$	30	nm
Capacitance ( $V_F=0\text{V}$ , $f=1\text{MHz}$ )	$C$	15	pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity ( $I_F=10\text{mA}$ ) ucd		Wavelength nm $\lambda_P$	Description
			min.	typ.		
XDUG07A4	Green	GaP	1900	6390	565	Common Anode

**XDUG07A4**



**❖UG**

