

**12.7mm (0.5") 16 SEGMENT SINGLE
DIGIT ALPHANUMERIC NUMERIC DISPLAY**

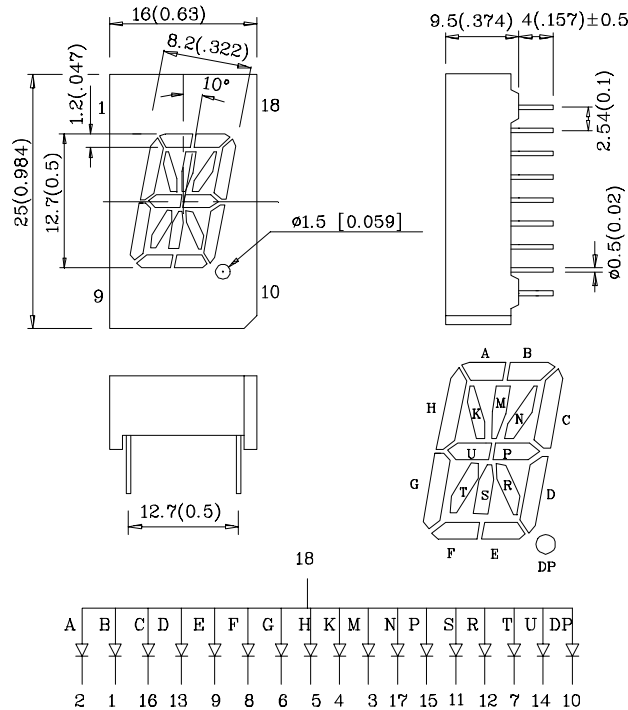


SUN LED

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XAUG13A-A



Notes:

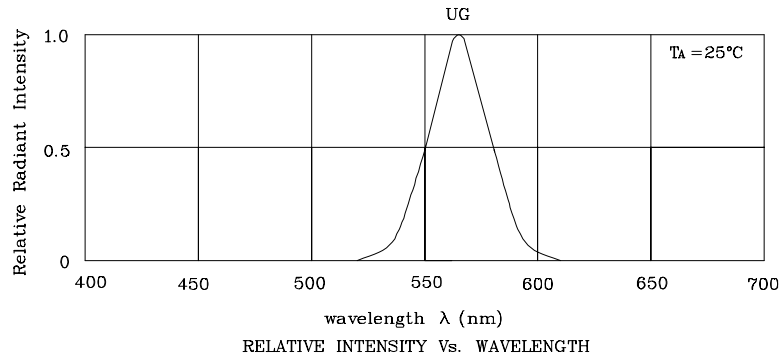
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.

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

Operating Characteristics (TA=25°C)		UG (GaP)	Unit
Forward voltage (typ.) (IF=10mA)	VF	2.0	V
Forward voltage (max.) (IF=10mA)	VF	2.5	V
Reverse current (VR=5V)	IR	10	uA
Wavelength at peak emission (IF=10mA)	λ_{peak}	565	nm
Wavelength at Dominate emission (IF=10mA)	λ_D	568	nm
Spectral Line half-width (IF=10mA)	$\Delta\lambda$	30	nm
Capacitance (VF=0V, f=1MHz)	C	15	pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd min.	Luminous Intensity (IF=10mA) ucd typ.	Wavelength nm λ_P	Description
XAUG13A-A	Green	GaP	1900	4690	565	Common Anode,Rt.Hand Decimal

XAUG13A-A



❖UG

