

# **10.16mm (0.4") SINGLE DIGIT NUMERIC DISPLAY**

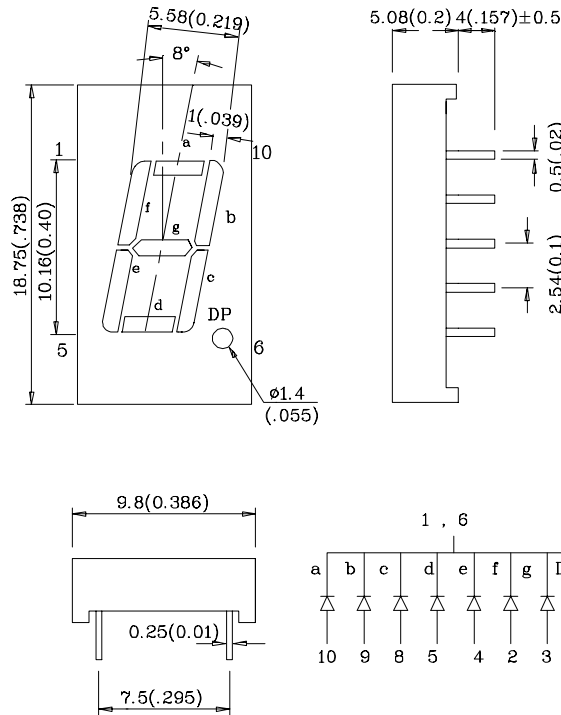
XDUR10C-A



**SUN LED**

Email : sales@us.sunled.com

Web Site : www.sunled.com



Notes:

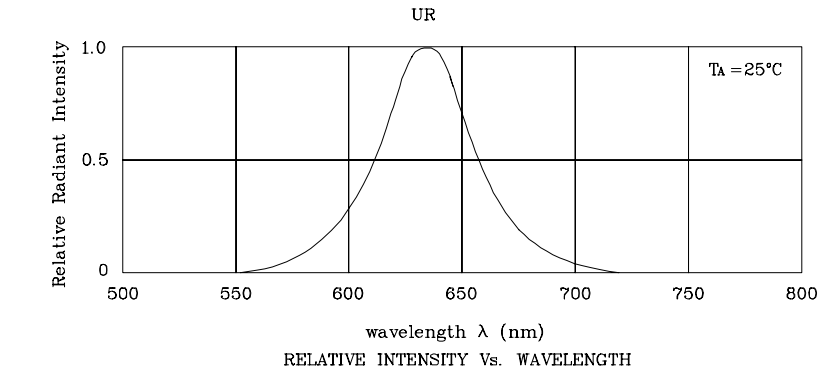
1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01)$  unless otherwise noted.

Absolute maximum ratings (T <sub>A</sub> =25°C)		UR (GaAsP/GaP)	Unit
Reverse voltage	V <sub>R</sub>	5	V
Forward current	I <sub>F</sub>	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i <sub>FS</sub>	160	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 ( $T_A=25^{\circ}\text{C}$ )		UR (GaAsP/GaP)	Unit
Forward voltage (typ.) ( $I_F=10\text{mA}$ )	$V_F$	1.9	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 ( $I_F=10\text{mA}$ )	$\lambda_{\text{peak}}$	627	nm
Wavelength at Dominate emission ( $I_F=10\text{mA}$ )	$\lambda_D$	625	nm
Spectral Line half-width ( $I_F=10\text{mA}$ )	$\Delta\lambda$	45	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.		
XDUR10C-A	Red	GaAsP/GaP	3000	7990	627	Common Cathode.Rt. Hand Decimal

**XDUR10C-A**



**❖UR**

