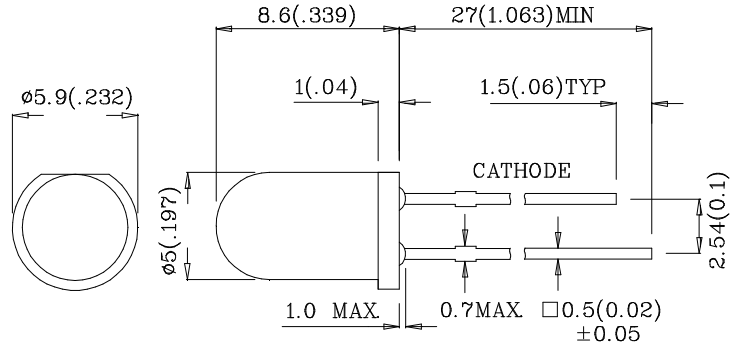


Features

- LOW POWER CONSUMPTION.
- POPULAR T-13/4 DIAMETER PACKAGE.
- GENERAL PURPOSE LEADS.
- RELIABLE AND RUGGED.
- LONG LIFE - SOLID STATE RELIABILITY.
- AVAILABLE ON TAPE AND REEL.
- 5V INTERNAL RESISTOR.



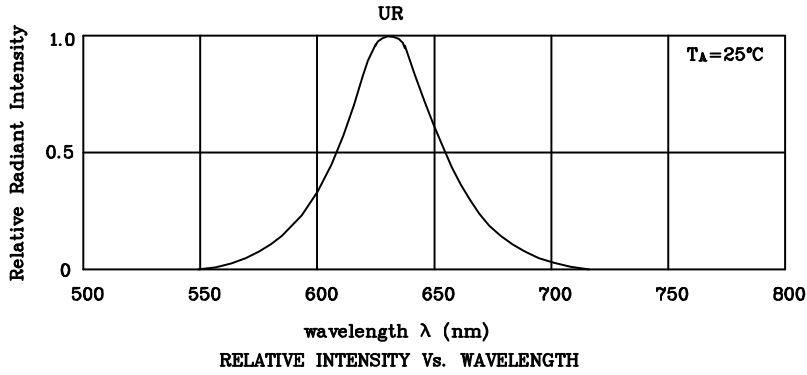
Notes:

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

Absolute maximum ratings ($T_A=25^\circ\text{C}$)		UR (GaAsP/ GaP)	Unit
Reverse voltage	V_R	5	V
Forward voltage	V_F	6	V
Power dissipation	P_T	85	mW
Operating temperature	T_A	-40 ~ +70	°C
Storage temperature	T_{stg}	-40 ~ +85	
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 current (typ.) ($V_F=5\text{V}$)	I_F	13	mA
Forward current (max.) ($V_F=5\text{V}$)	I_F	17.5	mA
Reverse current ($V_R=5\text{V}$)	I_R	10	μA
Wavelength at peak emission ($V_F=5\text{V}$)	λ_{peak}	627	nm
Wavelength at Dominate emission ($V_F=5\text{V}$)	λ_D	625	nm
Spectral Line half-width ($V_F=5\text{V}$)	$\Delta\lambda$	45	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($V=5\text{V}$) mcd		Wavelength nm λ_P	Viewing Angle 2θ 1/2
				min.	typ.		
XLUR53D5V	Red	GaAsP/GaP	Red Diffused	12	29	627	60°
Published Date : SEP 08,2003 Drawing No :XDSA2626 V2 Checked : B.L.LIU P.1/2							



❖ UR

