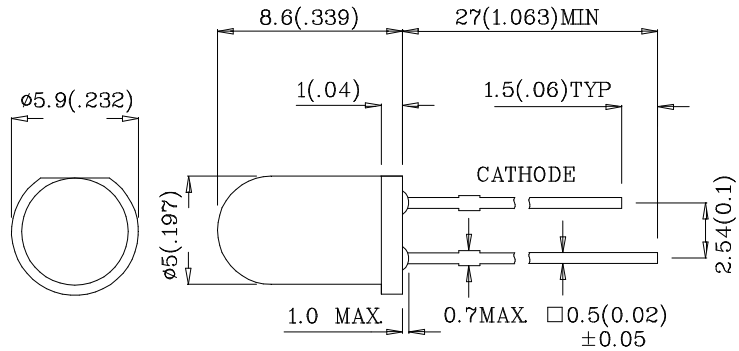


Features

- 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.



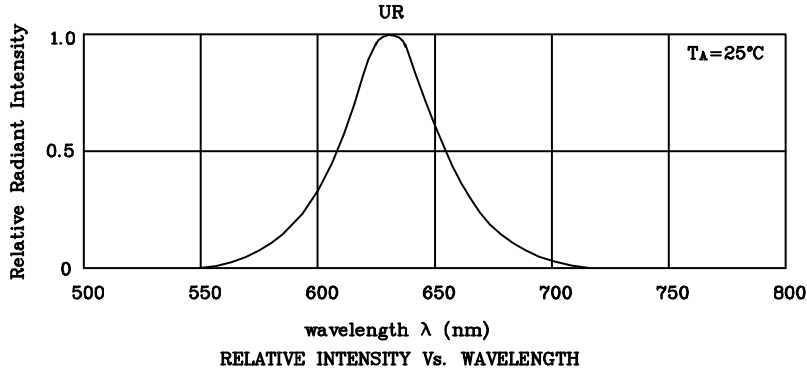
Notes:

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

Absolute maximum ratings (TA=25°C)		UR (GaAsP/GaP)	Unit
Reverse voltage	VR	5	V
Forward current	IF	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	iFS	160	mA
Power dissipation	PT	105	mW
Operating temperature	TA	-40 ~ +85	°C
Storage temperature	Tstg	-40 ~ +85	
Lead solder temperature [2mm below package base]		260°C For 5 Seconds	

Operating Characteristics (TA=25°C)		UR (GaAsP/GaP)	Unit
Forward voltage (typ.) (IF=10mA)	VF	1.9	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	627	nm
Wavelength at Dominate emission (IF=10mA)	λ D	625	nm
Spectral Line half-width (IF=10mA)	$\Delta\lambda$	45	nm
Capacitance (VF=0V, f=1MHz)	C	15	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=10mA) med		Wavelength nm λ P	Viewing Angle 2 θ 1/2
				min.	typ.		
XLUR53C	Red	GaAsP/GaP	Red Transparent	28	75	627	30°



❖ UR

