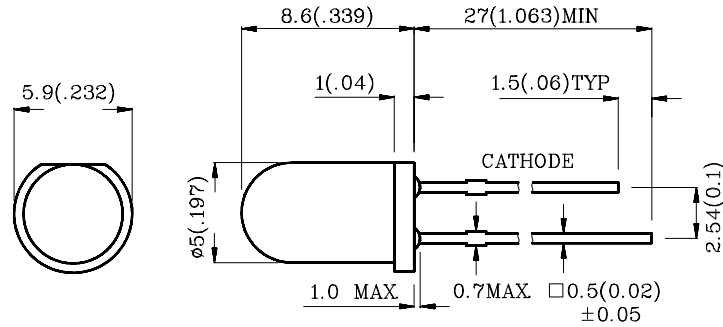


T-1 3/4 (5mm) ROUND LED LAMP

LZE53W



Notes:

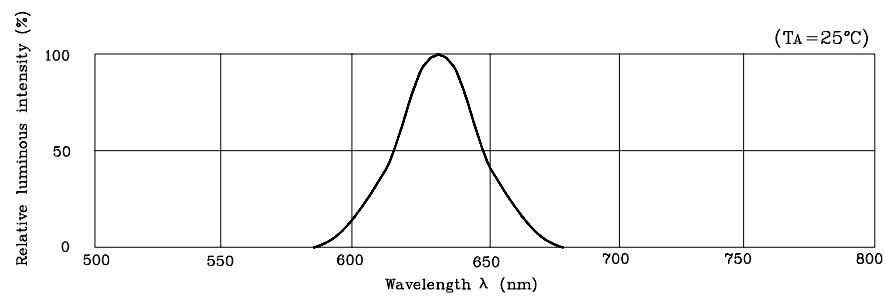
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.

Absolute maximum ratings ($T_A=25^{\circ}\text{C}$)		ZE (InGaAlP)	Unit
Reverse voltage	V_R	5	V
Forward current	I_F	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i_{FS}	150	mA
Power dissipation	P_T	120	mW
Operating temperature	T_A	-40 ~ +85	$^{\circ}\text{C}$
Storage temperature	T_{stg}		

Operating Characteristics ($T_A=25^{\circ}\text{C}$)		ZE (InGaAlP)	Unit
Forward voltage (typ.) ($I_F=20\text{mA}$)	V_F	2.4	V
Forward voltage (max.) ($I_F=20\text{mA}$)	V_F	2.8	V
Reverse current ($V_R=5\text{V}$)	I_R	10	μA
Wavelength at peak emission ($I_F=20\text{mA}$)	λ_{peak}	630	nm
Wavelength at Dominate emission ($I_F=20\text{mA}$)	λ_D	630	nm
Spectral Line half-width ($I_F=20\text{mA}$)	$\Delta\lambda$	25	nm
Capacitance ($V_F=0$, $f=1\text{MHz}$)	C	27	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($I_F=20\text{mA}$) mcd		Wavelength nm	Viewing Angle
				min.	max.		
LZE53W	red	InGaAlP	water clear	2800	18000	630	30°

LZE53W



❖ZE

