

T-1 3/4 (5mm) SOLID STATE LAMP

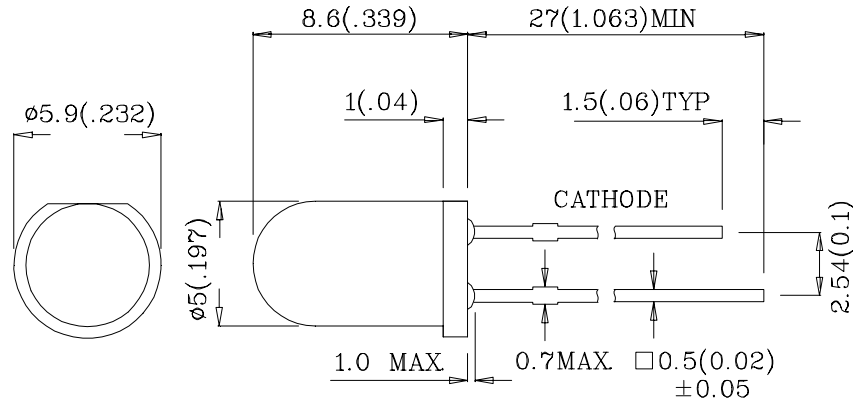


SUN LED

XLMR53D5V

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Notes:

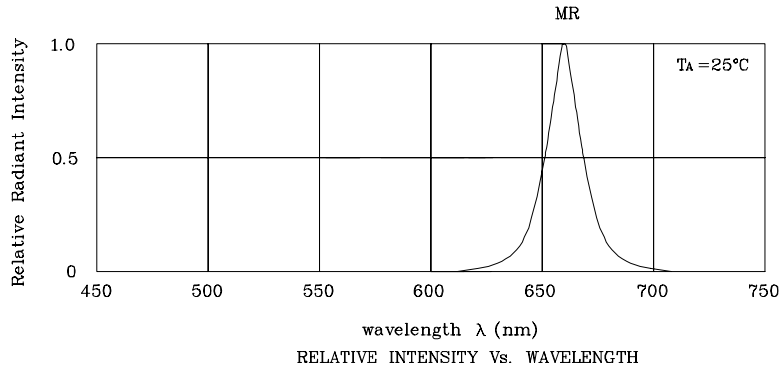
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ " unless otherwise noted.

Absolute maximum ratings ($T_A=25^\circ\text{C}$)		MR (GaAsP/GaP)	Unit
Reverse voltage	V_R	5	V
Forward voltage(Max.)	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 ($T_A=25^\circ\text{C}$)		MR (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	uA
Wavelength at peak emission ($V_F=5\text{V}$)	λ_{peak}	660	nm
Wavelength at Dominant emission ($V_F=5\text{V}$)	λ_D	640	nm
Spectral Line half-width ($V_F=5\text{V}$)	$\Delta\lambda$	20	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($V=5\text{V}$) mcd		Wavelength nm λ_P	Viewing Angle $2\theta_{1/2}$
				min.	typ.		
XLMR53D5V	Red	GaAsP/GaP	Red Diffused	100	175	660	60°

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◆MR

