

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

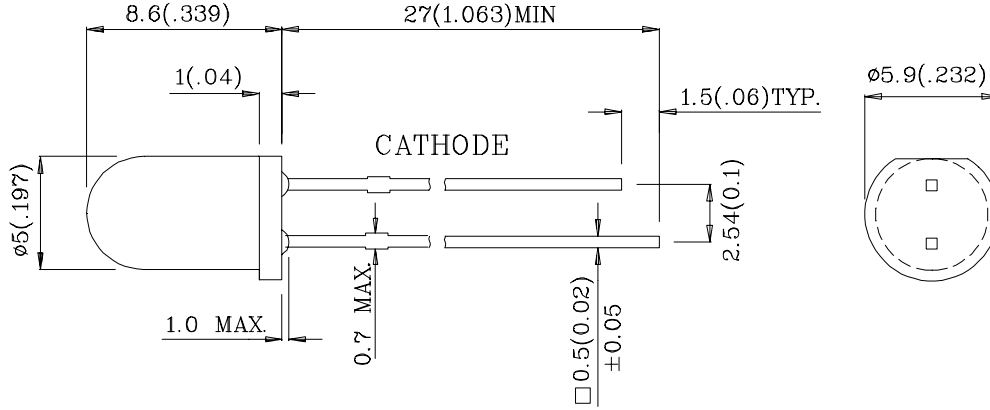


SUN LED

XBHR53D

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Notes:

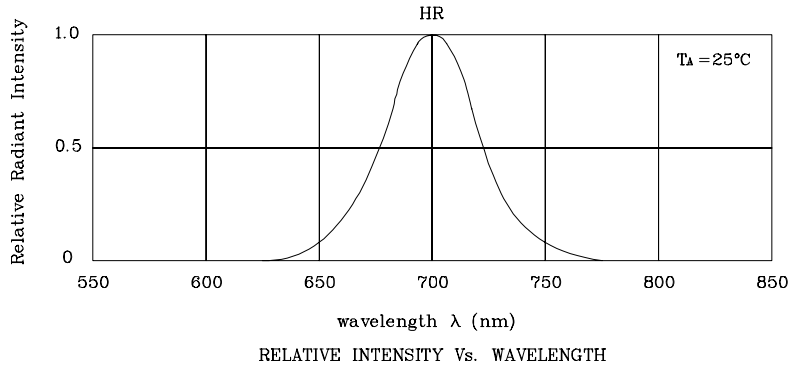
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ " unless otherwise noted.

Absolute maximum ratings (T _A =25°C)		HR (GaP)	Unit
Reverse voltage	V _R	0.5	V
Forward voltage	V _F	14	V
Power dissipation	P _T	310	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°C)		HR (Gap)	Unit
Forward current (min.) (V _F =3.5V)	I _F	8	mA
Forward current (typ.) (V _F =5V)	I _F	22	mA
Supply current V _F =3.5V	I _{SON}	8	mA
Supply current V _F =14V	I _{SON}	44	mA
Blink Frequency V _F =3.5V	f	3	Hz
Blink Frequency V _F =14V	f	1.5	Hz
Wavelength at peak emission	λ _{peak}	700	nm
Wavelength at Dominate emission	λ _D	660	nm
Spectral Line half-width	Δλ	45	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (V=9V) mcd		Wavelength nm λ _P	Viewing Angle 2θ1/2
				min.	typ.		
XBHR53D	Red	GaP	Red Diffused	2	4.8	700	60°

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◆HR

