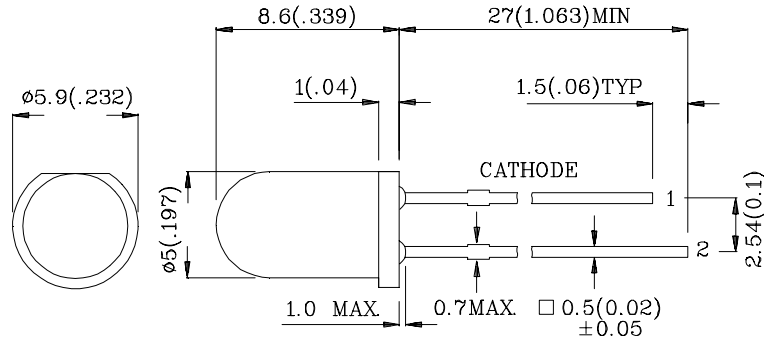




SUN LED

LBB12WH



Notes:

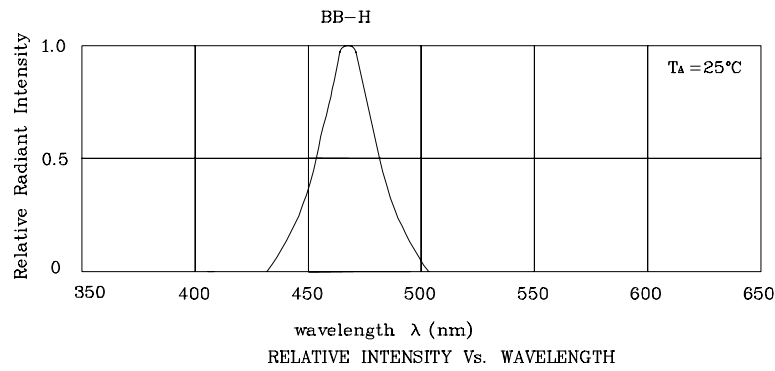
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.

Absolute maximum ratings (T _A =25°C)		BB-H (InGa _{0.9} N)	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}	100	mA
Power dissipation	P _T	108	mW
Operating temperature	T _A	-40 ~ +85	°C
Storage temperature	T _{stg}	-40 ~ +85	
Lead solder temperature [4mm below package base]	260°CFor 5 Seconds		

Operating Characteristics (T _A =25°C)		BB-H (InGaN)	Unit
Forward voltage (typ.) (I _F =20mA)	V _F	3.7	V
Forward voltage (max.) (I _F =20mA)	V _F	4.3	V
Reverse current (V _R =5V)	I _R	10	uA
Wavelength at peak emission (I _F =20mA)	λ _{peak}	467	nm
Wavelength at Dominate emission (I _F =20mA)	λ _D	470	nm
Spectral Line half-width (I _F =20mA)	Δλ	30	nm
Capacitance (V _F =0, f=1MHz)	C	110	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=20mA) mcd		Wavelength nm λP	Viewing Angle 2θ/2
				min.	typ.		
LBB12WH	Blue	InGaN	Water Clear	2200	3590	467	16°

LBB12WH



❖BB-H

