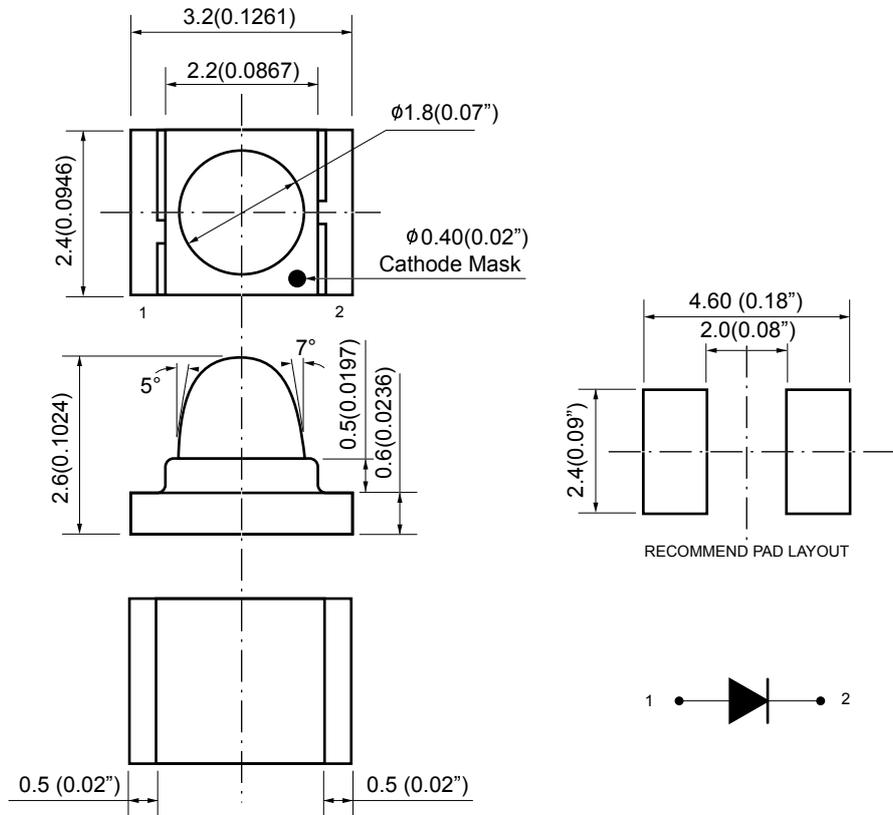


LB113WHC



Absolute maximum ratings(Ta=25°C):

Parameter	Symbol	Value	Unit	Item	Materials
Forward current	I _f	30	mA	Resin(mold)	Epoxy
Reverse voltage	V _r	5	V	Bonding Wire	25 um Au
Power dissipation	P _d	120	mW	Lens color	water transparent
Operating temperature range	T _{op}	-.20 ~ +80	°C	Printed circuit board	BT (white)
Storage temperature range	T _{stg}	-.20 ~ +80	°C	Dice	GaN
Peak pulsing current (1/8 duty f=1kHz)	I _{fg}	125	mA	Emitted color	White

Electro - optical characteristics(Ta=25°C)

Parameter	Test Condition	Symbol	Value			Unit
			Min	Typ	Max	
CIE Coordinates	I _f =20mA	X	0.22	0.28	0.36	nm
	I _f =20mA	Y	0.22	0.31	0.38	nm
Dominant wavelength	I _f =20mA	dom				nm
Forward voltage	I _f =20mA	V _f		3.5	4.0	V
Luminous intensity *	I _f =20mA	I _v	75	100		mcd
Viewing angle at 50% I _v	I _f =10mA	2 1/2		130		Deg
Reverse current	V _r =5V	I _r			10	uA

*Note:Luminous intensity tolerance is +/- 10%.