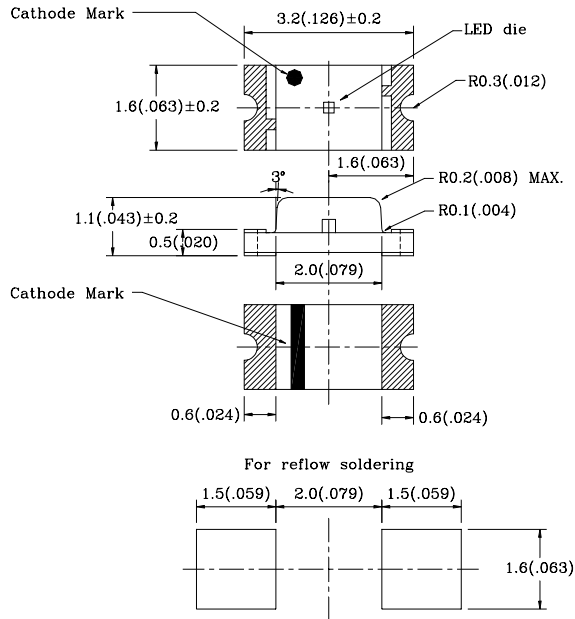




BLUE CHIP LED LAMPS



BL-HBXX3 (1206) Series



Absolute Maximum Ratings($T_a=25^\circ\text{C}$)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V_R	V	5
IR	uA	100
Top	$^\circ\text{C}$	-25~+80
Tstg	$^\circ\text{C}$	-30~+85

NOTE:

- 1.All dimensions are in millimeters(inches).
- 2.Tolerance is $\pm 0.10(004)$ unless otherwise specified.
- 3.Specifications are subject to change without notice.
- 4.Condition for IFp is pulse of 1/10 duty and 0.1msec width.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle $2\theta 1/2$ (deg) ± 5
	Material	Emitted Color	λ_p (nm)	$\Delta\lambda$ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HB133	GaN/SiC	Blue	430	30	Water Clear	3.8	4.5	15.0	45.0	120
BL-HB333	InGaN/GaN	Blue	470	30		3.5	4.0	18.0	55.0	
BL-HB433	InGaN/GaN	Blue	480	30		3.2	4.0	35.0	110.0	