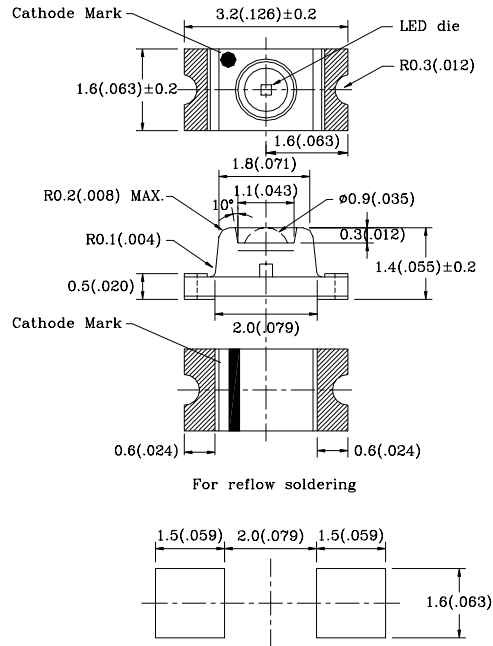




# BLUE CHIP LED LAMPS



## BL-HBXX3A (1206) Series



Absolute Maximum Ratings(Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V <sub>R</sub>	V	5
IR	uA	100
Top	°C	-25~+80
Tstg	°C	-30~+85

**NOTE:**

- 1.All dimensions are in millimeters(inches).
- 2.Tolerance is ± 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 2θ 1/2 (deg)±5
	Material	Emitted Color	λ <sub>p</sub> (nm)	Δλ (nm)		V <sub>f</sub> (V)		I <sub>v</sub> (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HB133A	GaN/SiC	Blue	430	30	Water Clear	3.8	4.5	15.0	50.0	60
BL-HB333A	InGaN/GaN	Blue	470	30		3.5	4.0	20.0	65.0	
BL-HB433A	InGaN/GaN	Blue	480	30		3.2	4.0	40.0	130.0	