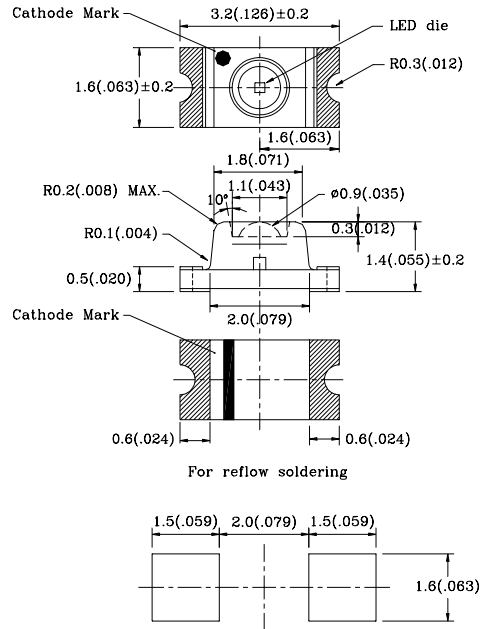




BL-HXXX3A (1206) Series



- 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 0.1 msec width.

Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
Vr	V	5
IR	uA	100
Top	°C	-25~+80
Tstg	°C	-30~+85

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)±5
	Material	Emitted Color	λ P (nm)	Δ λ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HUA33A	AlGaInP	Ultra Red	645	22	Water Clear	2.1	2.6	30.0	90.0	60
BL-HUB33A	AlGaInP	Ultra Red	645	22		2.1	2.6	40.0	120.0	
BL-HU233A	AlGaInP	Ultra Red	645	22		2.0	2.6	45.0	130.0	
BL-HGA33A	AlGaInP	Ultra Green	574	15		2.1	2.6	36.0	110.0	
BL-HG333A	AlGaInP	Ultra Green	574	15		2.0	2.6	45.0	130.0	
BL-HG533A	AlGaInP	Ultra Green	574	15		2.0	2.6	40.0	120.0	
BL-HG433A	InGaN	Ultra Green	502	30		3.5	4.0	50.0	160.0	
BL-HG633A	InGaN	Ultra Green	523	36		3.5	4.0	50.0	160.0	
BL-HKB33A	AlGaInP	Ultra Yellow	588	15		2.1	2.6	45.0	150.0	
BL-HKD33A	AlGaInP	Ultra Yellow	595	15		2.1	2.6	45.0	150.0	
BL-HK033A	AlGaInP	Ultra Yellow	588	15		2.0	2.6	60.0	180.0	
BL-HJB33A	AlGaInP	Ultra Orange	620	17		2.1	2.6	55.0	170.0	
BL-HJD33A	AlGaInP	Ultra Orange	630	17		2.1	2.6	55.0	170.0	
BL-HJF33A	AlGaInP	Soft Orange	610	17		2.1	2.6	53.0	160.0	
BL-HJ033A	AlGaInP	Ultra Orange	620	17		2.0	2.6	60.0	180.0	