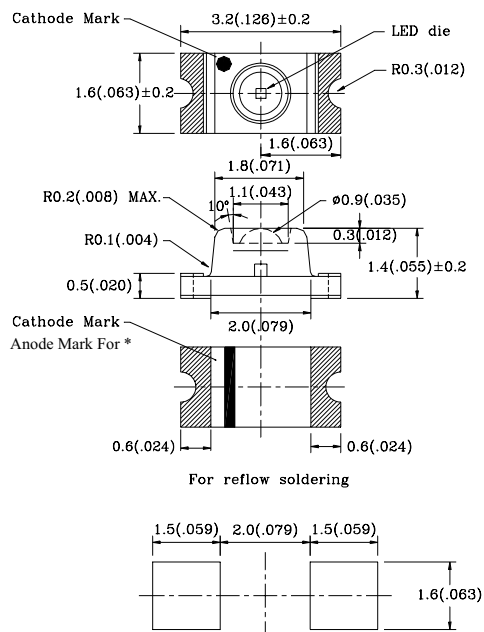




## BL-HXXX3A (1206) Series



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 P (nm)	Δ λ (nm)		V <sub>f</sub> (V)		I <sub>v</sub> (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HH033A	GaP/GaP	Bright Red	700	90	Water Clear	2.2	2.6	2.5	7.0	60
BL-HG033A	GaP/GaP	Green	568	30		2.2	2.6	8.0	25.0	
BL-HGC33A	GaP/GaP	Green	568	30		2.1	2.6	11.0	32.0	
BL-HX133A	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	12.0	37.0	
BL-HW133A	GaP/GaP	Pure Green	555	25		2.2	2.6	3.0	9.0	
BL-HY033A	GaAsP/GaP	Yellow	585	35		2.1	2.6	3.5	10.0	
BL-HE033A	GaAsP/GaP	Hi-Eff Red	630	45		2.0	2.6	7.0	21.0	
BL-HE133A	GaAsP/GaP	Hi-Eff Red	640	45		2.0	2.6	7.0	21.0	
BL-HA133A	GaAsP/GaP	Soft-Orange	610	35		2.0	2.6	3.0	9.0	
* BL-HS033A	GaAlAs/GaAs	Super Red	660	20		1.7	2.6	14.0	40.0	
* BL-HS133A	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	12.0	35.0	
* BL-HD033A	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	20.0	60.0	
* BL-HF033A	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	30.0	90.0	
* BL-HF133A	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	35.0	100.0	
* BL-HF533A	GaAlAs/GaAlAs	Super Red	660	20		2.2	2.6	23.0	70.0	