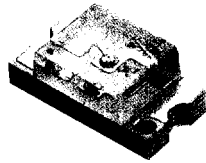
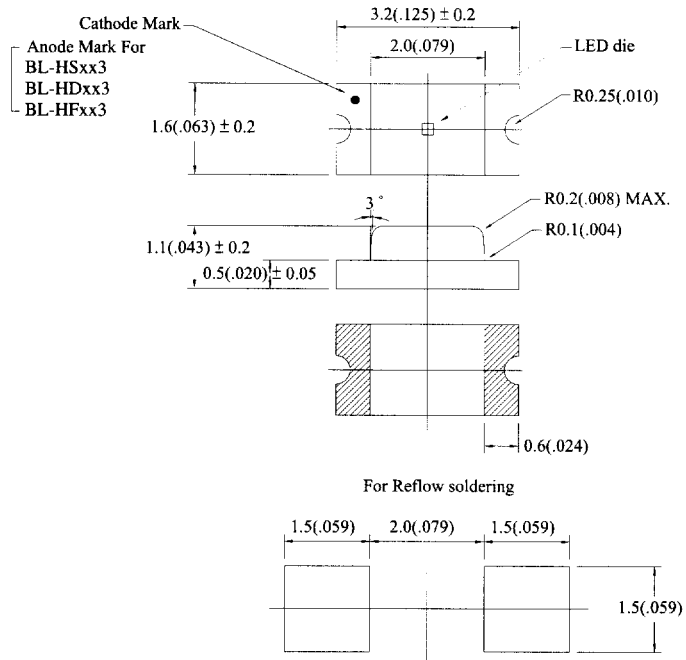




# Surface Mount Chip LED Lamps BL-H Series 1206



## BL-Hxxx3 (1206) Series



Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V <sub>r</sub>	V	5
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.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)
	Material	Emitted Color	λ P (nm)	Δ λ (nm)		V <sub>f</sub> (V)		I <sub>v</sub> (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HG033	GaP/GaP	Green	568	30	Water Clear	2.1	2.6	5.0	15.0	140°
BL-HX133	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	6.0	18.0	
BL-HY033	GaAsP/GaP	Yellow	585	35		2.1	2.6	3.0	10.0	
BL-HE133	GaAsP/GaP	Hi-Eff Red	635	45		1.9	2.6	3.0	12.0	
BL-HH033	GaP/GaP	Bright Red	700	90		2.3	2.6	0.5	2.0	
BL-HS133	GaAlAs/GaAs	Super Red	660	20		1.7	2.6	8.0	25.0	
BL-HA033	GaAsP/GaP	Amber	610	35		2.0	2.6	5.0	15.0	
BL-HW133	GaP/GaP	Pure Green	555	25		2.2	2.6	0.5	3.0	
BL-HB133	InGaN/Sic	Super Blue	470	30		3.6	4.0	15.0	50.0	
BL-HD033	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	10.0	30.0	
BL-HF033	GaAlAs/GaAlAs	Ultra Red	660	20		2.0	2.6	10.0	45.0	
BL-HJB33	AlGaInP	Super Orange	620	17		2.0	2.6	20.0	70.0	
BL-HJF33	AlGaInP	Soft Orange	610	17		2.0	2.6	15.0	60.0	
BL-HKB33	AlGaInP	Super Yellow	587	15		2.0	2.6	20.0	70.0	
BL-HKD33	AlGaInP	Super Yellow	595	15		2.0	2.6	20.0	70.0	