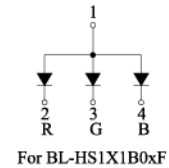
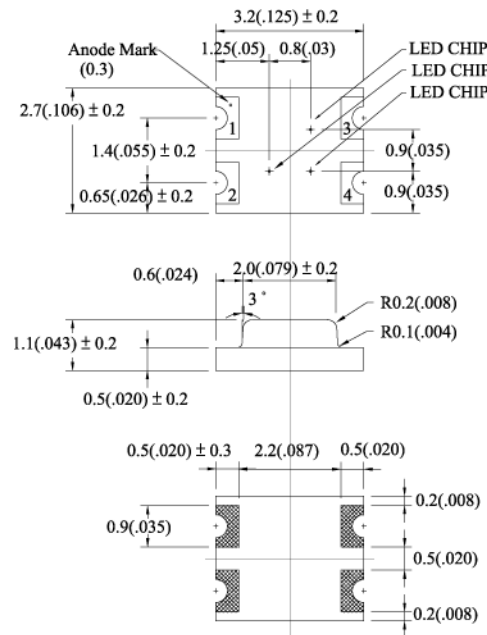
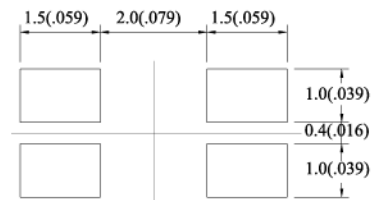


BL-Hxxxxx3F (1210) Series



For reflow soldering



Absolute Maximum Ratings(Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V _R	V	5
Top	°C	-25~+80
Tstg	°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.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2 θ 1/2 (deg)
	Material	Emitted Color	λ p (nm)	Δ λ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HD0X133F	GaAlAs/GaAs	Super Red	660	20	Water Clear	1.8	2.6	10.0	30.0	140°
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	8.0	25.0	
BL-HD0X123F	GaAlAs/GaAs	Super Red	660	20	White Diffused	1.8	2.6	8.0	25.0	150°
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	6.0	20.0	
BL-HF0G333F	GaAlAs/GaAlAs	Ultra Red	660	20	Water Clear	2.0	2.6	15.0	45.0	140°
	AlGaInP	Ultra Green	574	35		2.4	3.0	17.0	50.0	
BL-HF0G323F	GaAlAs/GaAlAs	Ultra Red	660	20	White Diffused	2.0	2.6	13.0	40.0	150°
	AlGaInP	Ultra Green	574	35		2.4	3.0	15.0	45.0	
BL-HD1X1B123F (Full chip)	GaAlAs/GaAs	Super Red	660	20	White Diffused	1.9	2.6	8.0	25.0	150°
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	8.0	25.0	
	InGaN/Sic	Super Blue	470	30		3.6	4.0	8.0	35.0	