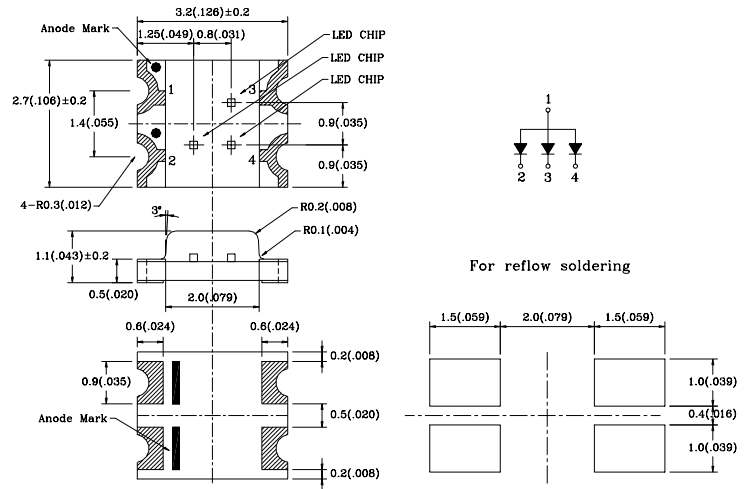




FULL-COLOR CHIP LED LAMPS



BL-HXXXXXXX3F (1210) Series



For reflow soldering

Absolute Maximum Ratings(Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V _R	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 _f (V)		I _v (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HD1X1B333F	GaAlAs/GaAs	Super Red	660	20	Water Clear	1.8	2.6	8.0	25.0	120
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	6.0	18.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	18.0	55.0	
BL-HD1G4B333F	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	8.0	25.0	
	GaN/SiC	Ultra Green	502	30		3.5	4.0	20.0	60.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	18.0	55.0	
BL-HD1G6B333F	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	8.0	25.0	
	GaN/SiC	Ultra Green	523	36		3.5	4.0	20.0	60.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	18.0	55.0	
BL-HD1X1B323F	GaAlAs/GaAs	Super Red	660	20	White Diffused	1.8	2.6	6.5	20.0	100
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	5.0	15.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	16.0	50.0	
BL-HD1G4B323F	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	6.5	20.0	
	GaN/SiC	Ultra Green	502	30		3.5	4.0	18.0	55.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	16.0	50.0	
BL-HD1G6B323F	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	6.5	20.0	
	GaN/SiC	Ultra Green	523	36		3.5	4.0	18.0	55.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	16.0	50.0	