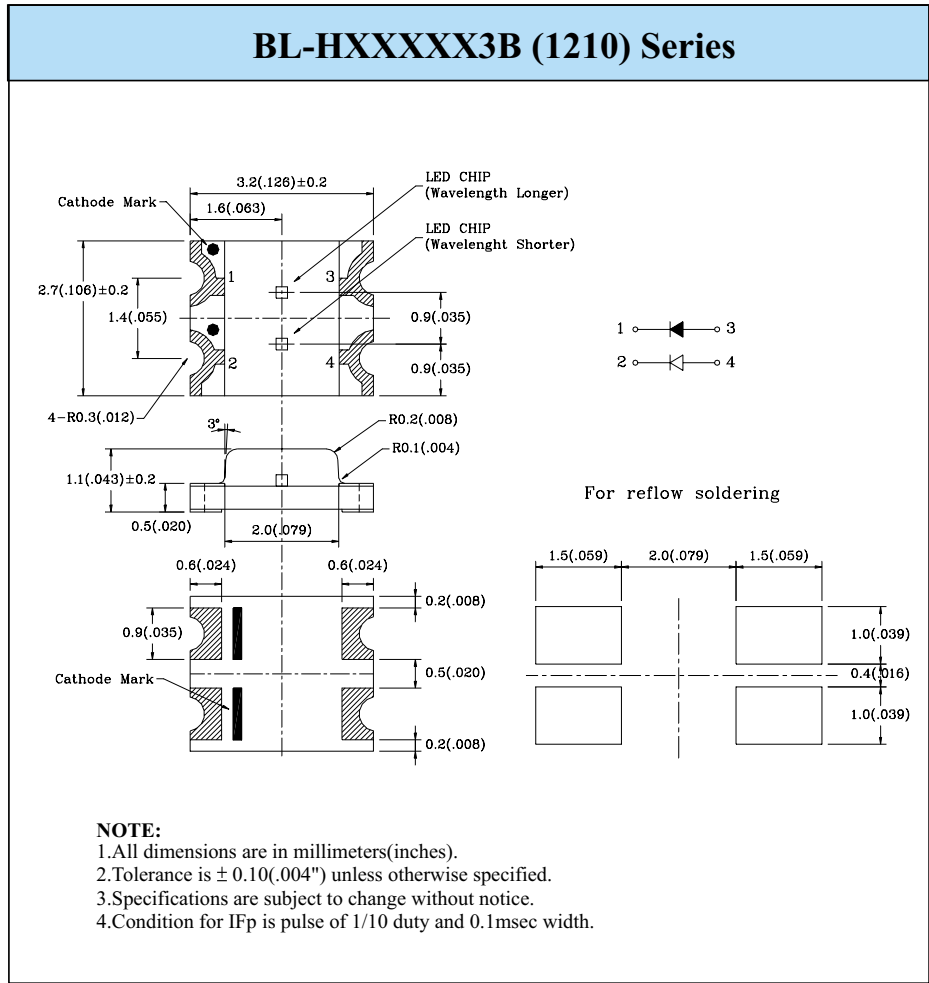
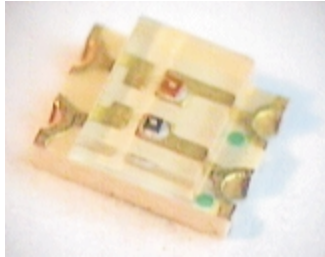


BI-COLOR CHIP LED LAMPS



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

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-HE1G033B	GaAsP/GaP	Hi-Eff Red	640	45	Water Clear	2.0	2.6	4.0	12.0	120		
	GaP/GaP	Green	568	30		2.2	2.6	4.5	14.0			
BL-HY0G033B	GaAsP/GaP	Yellow	585	35		2.1	2.6	3.0	9.0			
	GaP/GaP	Green	568	30		2.2	2.6	4.5	14.0			
BL-HD1X133B	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	9.0	27.0			
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	6.5	20.0			
BL-HE1G023B	GaAsP/GaP	Hi-Eff Red	640	45		White Diffused	2.0	2.6	3.0		10.0	140
	GaP/GaP	Green	568	30			2.2	2.6	4.0		12.0	
BL-HY0G023B	GaAsP/GaP	Yellow	585	35	2.1		2.6	2.5	7.0			
	GaP/GaP	Green	568	30	2.2		2.6	4.0	12.0			
BL-HD1X123B	GaAlAs/GaAs	Super Red	660	20	1.8		2.6	8.0	25.0			
	GaP/GaP	Hi-Eff Green	568	30	2.0		2.6	6.0	18.0			