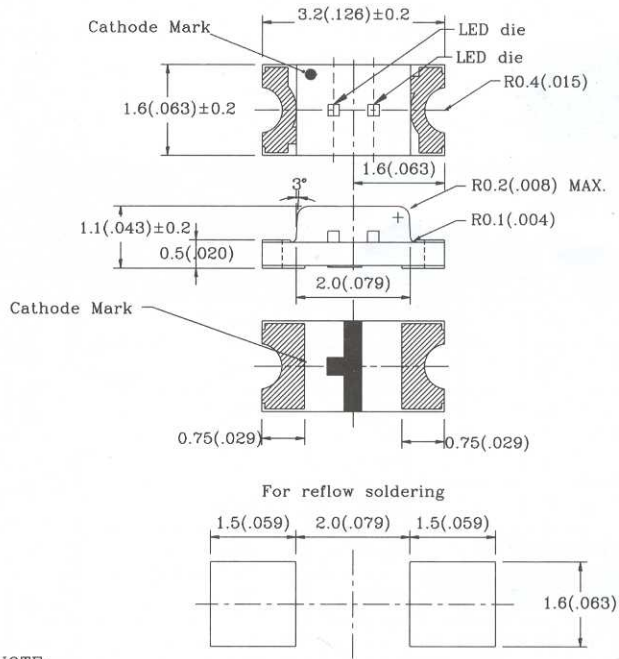


# SURFACE MOUNT DUAL COLOR LED LAMPS



## 1206 Bi-Color BL-Hxxxx33 Series



**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.

Absolute Maximum Ratings(Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V <sub>R</sub>	V	5
Topr	°C	-25~+80
Tstg	°C	-30~+85

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)
	Material	Emitted Color	λ <sub>p</sub> (nm)	λ <sub>d</sub> (nm)		V <sub>f</sub> (V)		I <sub>v</sub> (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HD1X133	GaAlAs/GaAs	Super Red	660	643	Water Clear	1.8	2.6	12.3	25.0	120
	GaP/GaP	Hi-Eff Green	568	570		2.2	2.6	5.5	12.0	
BL-HE1G033	GaAsP/GaP	Hi-Eff Red	640	628		2.0	2.6	5.5	12.0	
	GaP/GaP	Green	568	571		2.2	2.6	2.4	10.0	
BL-HE1Y033	GaAsP/GaP	Hi-Eff Red	640	628		2.0	2.6	5.5	12.0	
	GaAsP/GaP	Yellow	583	585		2.1	2.6	2.4	10.0	
BL-HE1W033	GaAsP/GaP	Hi-Eff Red	640	628		2.0	2.6	5.5	12.0	
	GaP/GaP	Pure Green	557	563		2.2	2.6	0.5	3.0	
BL-HA0B433	GaAsP/GaP	Amber	610	606		2.1	2.6	2.4	8.0	
	InGaN	Super Blue	470	470		3.5	4.0	28.0	40.0	
BL-HG0Y033	GaP/GaP	Green	568	571		2.2	2.6	2.4	10.0	
	GaAsP/GaP	Yellow	583	585		2.1	2.6	2.4	10.0	