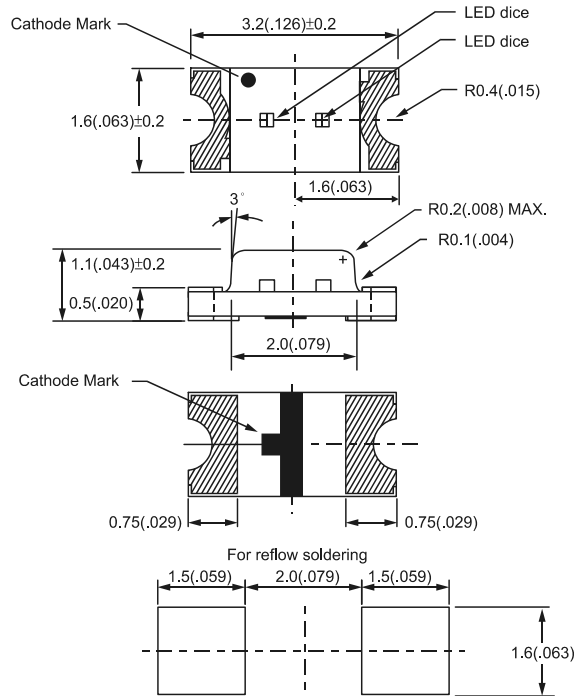


SURFACE MOUNT DUAL COLOR LED LAMPS

BL-Hxxxx33 (1206) Series



Absolute Maximum Ratings
($T_a=25^{\circ}\text{C}$)

	UNIT	SPEC.
IF	mA	20
IFp	mA	100
VR	V	5
Topr	$^{\circ}\text{C}$	-40~+85
Tstg	$^{\circ}\text{C}$	-40~+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)	λ_d (nm)		Vf (V)		Iv (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-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	
BL-HJEGE33	AlGaInP	Super Orange Red	615	625		2.0	2.6	6.3	100	
	AlGaInP	Super Yellow Green	570	570		2.0	2.6	18.5	40	
BL-HUBB533	AlGaInP	Super Red	645	632		2.0	2.6	28	50	
	AlInGaN	Super Blue	460	465		3.2	3.6	28	50	