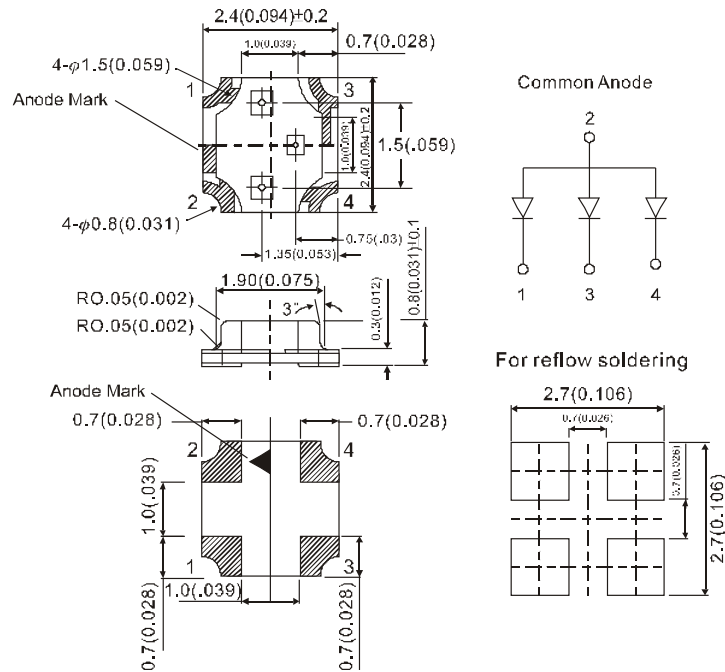




# SURFACE MOUNT TRI COLOR LED LAMPS



## BL-Hxxxxxxx3G Series



■ Absolute Maximum Ratings  
(Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
VR	V	5
Topr	°C	-25 ~ +80
Tstg	°C	-30 ~ +85

**NOTE:**

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.10(0.004)$  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	λp (nm)	λd (nm)		Vf (V)		Iv (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HG6J3B433G	InGaN	Green	525	525	Water Clear	3.5	4.0	63.0	120.0	140°
	AlGaInP	Super Orange	630	625		2.2	2.6	42.0	80.0	
	AllnGaN	Super Blue	470	470		3.5	4.0	28.0	40.0	
BL-HG6UBB433G	InGaN	Green	525	525		3.5	4.0	63.0	120.0	
	AlGaInP	Super Red	645	632		2.1	2.6	28.0	50.0	
	AllnGaN	Super Blue	470	470		3.5	4.0	28.0	40.0	
BL-HJDGEB433G	AlGaInP	Super Orange Red	630	625		2.1	2.6	28.0	50.0	
	AlGaInP	Super Yellow Green	570	570		2.0	2.6	18.5	30.0	
	AlGaInN	Super Blue	470	470		3.5	4.0	28.0	40.0	
BL-HD1X1KB33G	GaAlAs/GaAs	Super Red	660	643		1.8	2.6	12.3	25.0	
	GaP/GaP	Hi-Eff Green	568	570		2.2	2.6	5.5	12.0	
	AlGaInP	Super Yellow	590	587		2.1	2.6	28.0	45.0	
BL-HD1G4B433G	GaAlAs/GaAs	Super Red	660	643	1.8	2.6	12.3	25.0		
	InGaN	Bluish Green	505	505	3.5	4.0	63.0	120.0		
	AllnGaN	Super Blue	470	470	3.5	4.0	28.0	40.0		