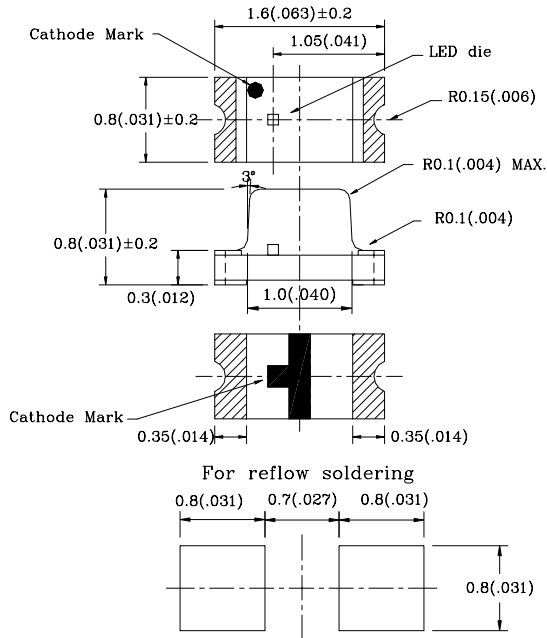




# ULTRA CHIP LED LAMPS



## BL-HXXX6 (0603) Series



Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
Vr	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	λp (nm)	Δλ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HUA36	AlGaN	Ultra Red	645	22	Water Clear	2.1	2.6	6.5	20.0	120
BL-HUB36	AlGaN	Ultra Red	645	22		2.1	2.6	10.0	30.0	
BL-HU236	AlGaN	Ultra Red	645	22		2.0	2.6	12.0	35.0	
BL-HGA36	AlGaN	Ultra Green	574	15		2.1	2.6	8.0	25.0	
BL-HG336	AlGaN	Ultra Green	574	15		2.0	2.6	13.0	40.0	
BL-HG536	AlGaN	Ultra Green	574	15		2.0	2.6	8.0	25.0	
BL-HG436	InGaN	Ultra Green	502	30		3.5	4.0	21.0	65.0	
BL-HG636	InGaN	Ultra Green	523	36		3.5	4.0	21.0	65.0	
BL-HKB36	AlGaN	Ultra Yellow	588	15		2.1	2.6	15.0	45.0	
BL-HKD36	AlGaN	Ultra Yellow	595	15		2.1	2.6	15.0	45.0	
BL-HK036	AlGaN	Ultra Yellow	588	15		2.0	2.6	20.0	60.0	
BL-HJB36	AlGaN	Ultra Orange	620	17		2.1	2.6	18.0	55.0	
BL-HJD36	AlGaN	Ultra Orange	630	17		2.1	2.6	18.0	55.0	
BL-HJF36	AlGaN	Soft Orange	610	17		2.1	2.6	16.0	50.0	
BL-HJ036	AlGaN	Ultra Orange	620	17		2.0	2.6	21.0	65.0	