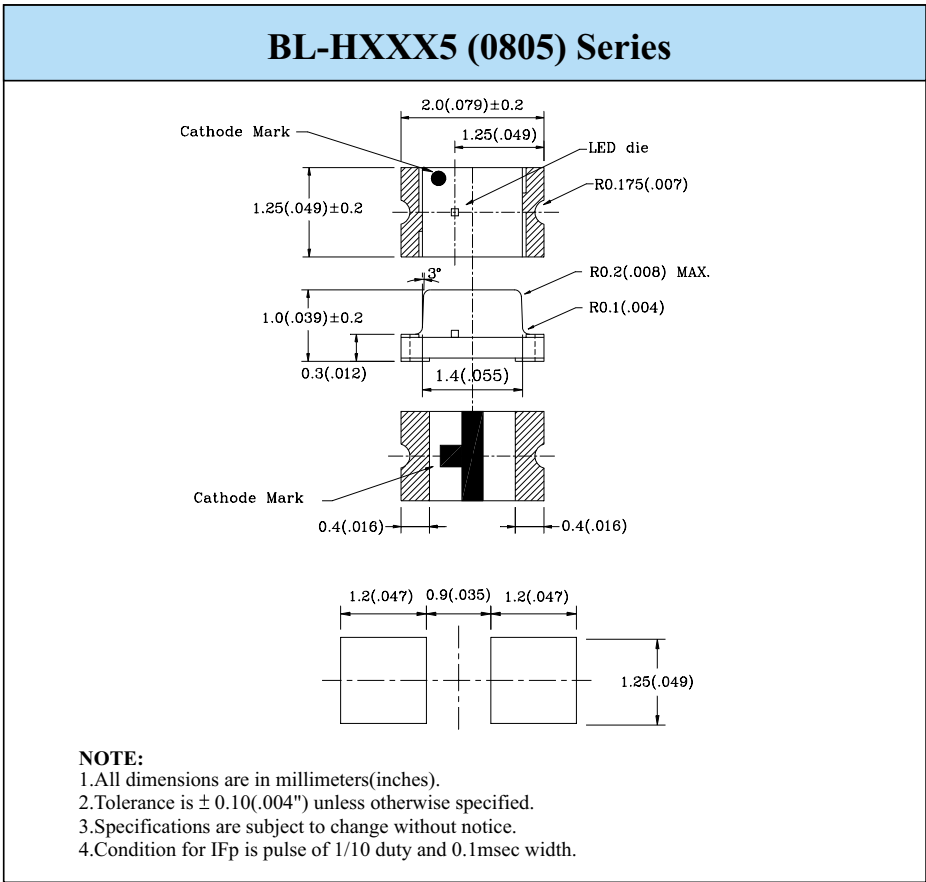




ULTRA CHIP LED LAMPS



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)	Δλ (nm)		V _f (V)		I _v (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HUA35	AlGaInP	Ultra Red	645	22	Water Clear	2.1	2.6	8.0	25.0	120
BL-HUB35	AlGaInP	Ultra Red	645	22		2.1	2.6	12.0	35.0	
BL-HU235	AlGaInP	Ultra Red	645	22		2.0	2.6	13.0	40.0	
BL-HGA35	AlGaInP	Ultra Green	574	15		2.1	2.6	10.0	30.0	
BL-HG335	AlGaInP	Ultra Green	574	15		2.0	2.6	15.0	45.0	
BL-HG535	AlGaInP	Ultra Green	574	15		2.0	2.6	10.0	30.0	
BL-HG435	InGaIn	Ultra Green	502	30		3.5	4.0	23.0	70.0	
BL-HG635	InGaIn	Ultra Green	523	36		3.5	4.0	23.0	70.0	
BL-HKB35	AlGaInP	Ultra Yellow	588	15		2.1	2.6	16.0	50.0	
BL-HKD35	AlGaInP	Ultra Yellow	595	15		2.1	2.6	16.0	50.0	
BL-HK035	AlGaInP	Ultra Yellow	588	15		2.0	2.6	21.0	65.0	
BL-HJB35	AlGaInP	Ultra Orange	620	17		2.1	2.6	20.0	60.0	
BL-HJD35	AlGaInP	Ultra Orange	630	17		2.1	2.6	20.0	60.0	
BL-HJF35	AlGaInP	Soft Orange	610	17		2.1	2.6	18.0	55.0	
BL-HJ035	AlGaInP	Ultra Orange	620	17		2.0	2.6	23.0	70.0	