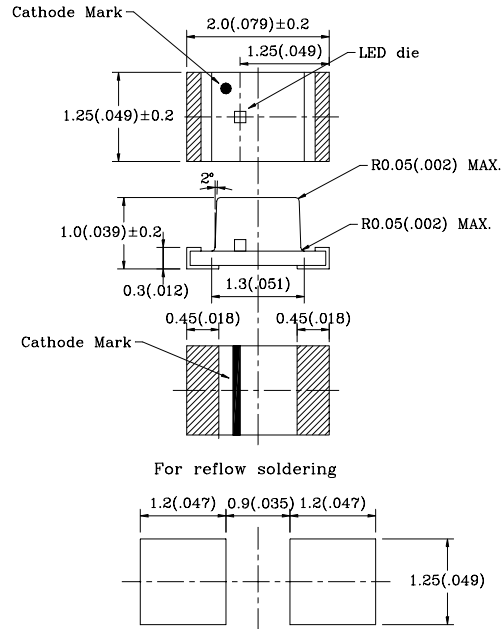




ULTRA CHIP LED LAMPS



BL-HXXX5A (0805) Series



- NOTE:**
1. All dimensions are in millimeters (inches).
 2. Tolerance is $\pm 0.10(.004)$ 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.

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

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-HUA35A	AlGaInP	Ultra Red	645	22	Water Clear	2.1	2.6	8.0	25.0	120
BL-HUB35A	AlGaInP	Ultra Red	645	22		2.1	2.6	12.0	35.0	
BL-HU235A	AlGaInP	Ultra Red	645	22		2.0	2.6	13.0	40.0	
BL-HGA35A	AlGaInP	Ultra Green	574	15		2.1	2.6	10.0	30.0	
BL-HG335A	AlGaInP	Ultra Green	574	15		2.0	2.6	15.0	45.0	
BL-HG535A	AlGaInP	Ultra Green	574	15		2.0	2.6	10.0	30.0	
BL-HG435A	InGaN	Ultra Green	502	30		3.5	4.0	23.0	70.0	
BL-HG635A	InGaN	Ultra Green	523	36		3.5	4.0	23.0	70.0	
BL-HKB35A	AlGaInP	Ultra Yellow	588	15		2.1	2.6	16.0	50.0	
BL-HKD35A	AlGaInP	Ultra Yellow	595	15		2.1	2.6	16.0	50.0	
BL-HK035A	AlGaInP	Ultra Yellow	588	15		2.0	2.6	21.0	65.0	
BL-HJB35A	AlGaInP	Ultra Orange	620	17		2.1	2.6	20.0	60.0	
BL-HJD35A	AlGaInP	Ultra Orange	630	17		2.1	2.6	20.0	60.0	
BL-HJF35A	AlGaInP	Soft Orange	610	17		2.1	2.6	18.0	55.0	
BL-HJ035A	AlGaInP	Ultra Orange	620	17		2.0	2.6	23.0	70.0	