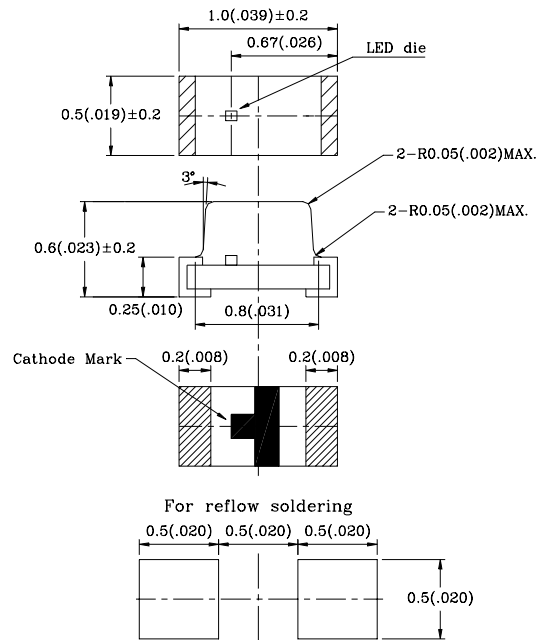




ULTRA CHIP LED LAMPS



BL-HXXX7A (0402) Series



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

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V_R	V	5
IR	μA	100
Top	$^\circ\text{C}$	-25~+80
Tstg	$^\circ\text{C}$	-30~+85

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.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle $2\theta 1/2$ (deg) ± 5
	Material	Emitted Color	λ_p (nm)	$\Delta\lambda$ (nm)		$V_f(V)$		$I_v(\text{mcd})$		
						Typ.	Max.	Min.	Typ.	
BL-HUA37A	AlGaInP	Ultra Red	645	22	Water Clear	2.1	2.6	6.5	20.0	120
BL-HUB37A	AlGaInP	Ultra Red	645	22		2.1	2.6	10.0	30.0	
BL-HGA37A	AlGaInP	Ultra Green	574	15		2.1	2.6	8.0	25.0	
BL-HKB37A	AlGaInP	Ultra Yellow	588	15		2.1	2.6	15.0	45.0	
BL-HKD37A	AlGaInP	Ultra Yellow	595	15		2.1	2.6	15.0	45.0	
BL-HJB37A	AlGaInP	Ultra Orange	620	17		2.1	2.6	18.0	55.0	
BL-HJD37A	AlGaInP	Ultra Orange	630	17		2.1	2.6	18.0	55.0	
BL-HJF37A	AlGaInP	Soft Orange	610	17		2.1	2.6	17.0	50.0	