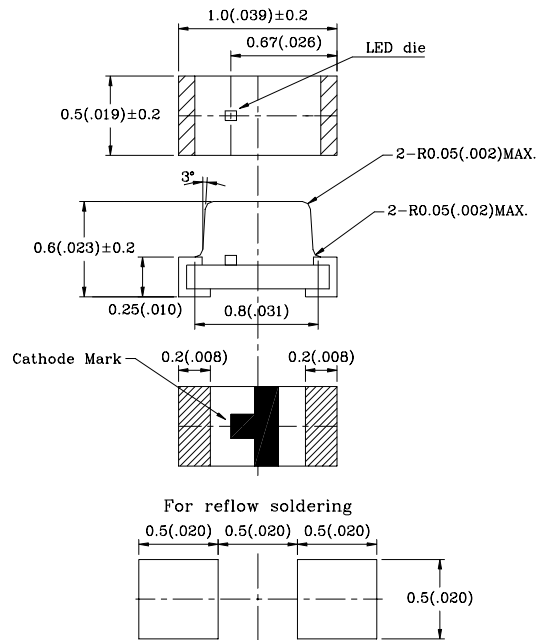




# ULTRA CHIP LED LAMPS



## BL-HXXX7A (0402) Series



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

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
$V_R$	V	5
IR	uA	100
Top	$^\circ C$	-25~+80
Tstg	$^\circ C$	-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) $\pm 5$
	Material	Emitted Color	$\lambda_p$ (nm)	$\Delta \lambda$ (nm)		$V_f(V)$		$I_v(mcd)$		
						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	