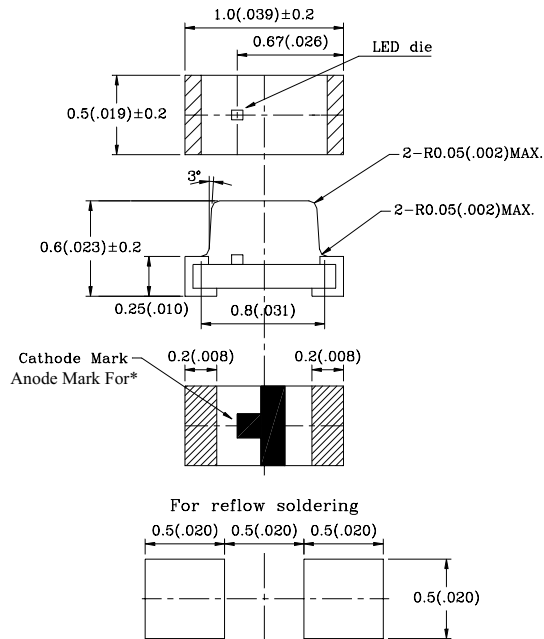




# STANDARD CHIP LED LAMPS



## BL-HXXX7A (0402) Series



Absolute Maximum Ratings(Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V <sub>R</sub>	V	5
IR	uA	100
Top	°C	-25~+80
Tstg	°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 2θ 1/2 (deg)±5
	Material	Emitted Color	λ <sub>p</sub> (nm)	Δλ (nm)		V <sub>f</sub> (V)		I <sub>v</sub> (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HH037A	GaP/GaP	Bright Red	700	90	Water Clear	2.2	2.6	0.3	0.8	110
BL-HG037A	GaP/GaP	Green	568	30		2.2	2.6	3.5	10.0	
BL-HY037A	GaAsP/GaP	Yellow	585	35		2.2	2.6	1.5	4.0	
BL-HE037A	GaAsP/GaP	Hi-Eff Red	630	45		2.2	2.6	2.0	6.0	
BL-HEF37A	GaAsP/GaP	Soft Orange	610	35		2.2	2.6	1.5	5.0	
* BL-HSA37A	GaAlAs/GaAs	Super Red	660	20		2.0	2.6	3.5	10.0	