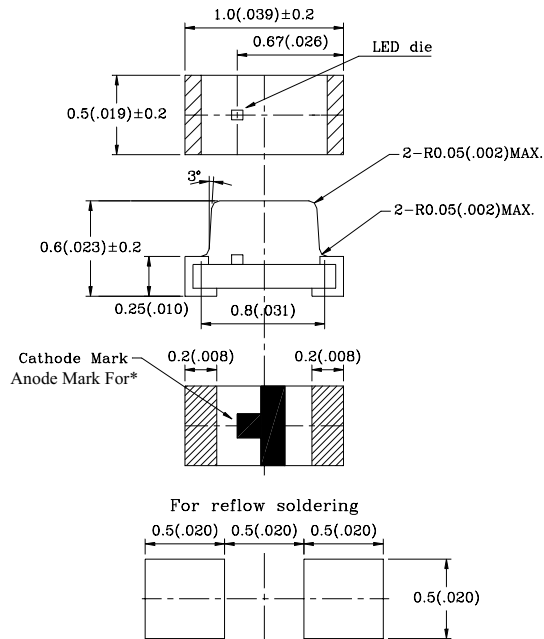




STANDARD CHIP LED LAMPS



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) ± 5
	Material	Emitted Color	λ_p (nm)	$\Delta \lambda$ (nm)		$V_f(V)$		$I_v(mcd)$		
						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	

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