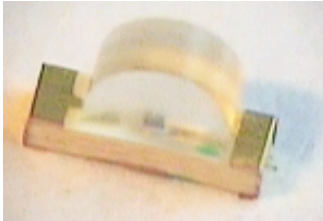
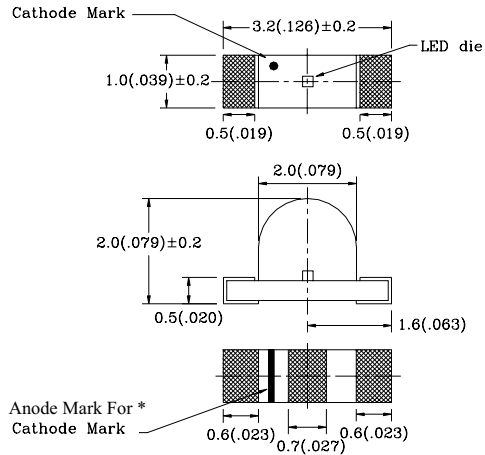




STANDARD CHIP LED LAMPS



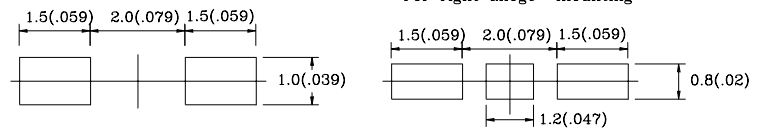
BL-HXXX4A (1204) Series



For reflow soldeving

For upright mounting

For right anode mounting



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 0.1 msec width.

Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V _r	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)
	Material	Emitted Color	λ p (nm)	Δ λ (nm)		V _f (V)		I _v (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HH034A	GaP/GaP	Bright Red	700	90	Water Clear	2.2	2.6	0.4	1.2	100
BL-HG034A	GaP/GaP	Green	568	30		2.2	2.6	4.0	13.0	
BL-HGC34A	GaP/GaP	Green	568	30		2.1	2.6	4.5	14.0	
BL-HX134A	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	6.0	19.0	
BL-HW134A	GaP/GaP	Pure Green	555	25		2.2	2.6	1.3	4.0	
BL-HY034A	GaAsP/GaP	Yellow	585	35		2.1	2.6	2.3	7.0	
BL-HE034A	GaAsP/GaP	Hi-Eff Red	630	45		2.0	2.6	3.5	10.0	
BL-HE134A	GaAsP/GaP	Hi-Eff Red	640	45		2.0	2.6	3.5	10.0	
BL-HA134A	GaAsP/GaP	Soft-Orange	610	35		2.0	2.6	2.0	6.0	
* BL-HS034A	GaAlAs/GaAs	Super Red	660	20		1.7	2.6	4.5	14.0	
* BL-HS134A	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	4.0	12.0	
* BL-HD034A	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	9.0	28.0	
* BL-HF034A	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	13.0	40.0	
* BL-HF134A	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	14.0	42.0	
* BL-HF534A	GaAlAs/GaAlAs	Super Red	660	20		2.2	2.6	10.5	32.0	

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