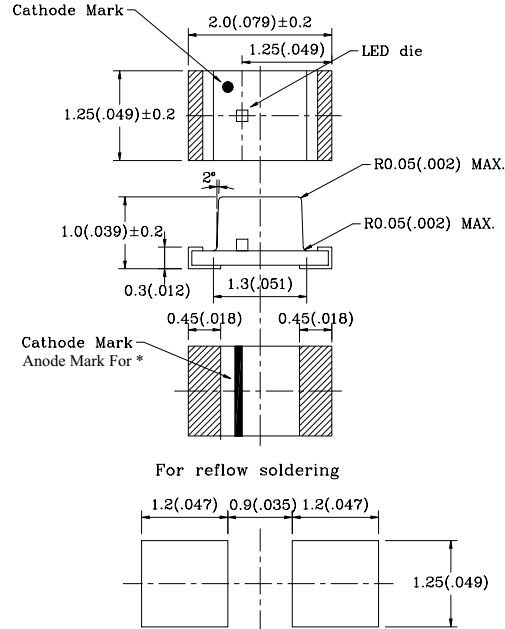




## BL-HXXX5A (0805) Series



**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.

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

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-HH035A	GaP/GaP	Bright Red	700	90	Water Clear	2.2	2.6	0.4	1.2	120
BL-HG035A	GaP/GaP	Green	568	30		2.2	2.6	4.0	12.0	
BL-HGC35A	GaP/GaP	Green	568	30		2.1	2.6	5.0	15.0	
BL-HX135A	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	5.5	17.0	
BL-HW135A	GaP/GaP	Pure Green	555	25		2.2	2.6	1.0	3.0	
BL-HY035A	GaAsP/GaP	Yellow	585	35		2.1	2.6	1.5	5.0	
BL-HE035A	GaAsP/GaP	Hi-Eff Red	630	45		2.0	2.6	2.5	7.0	
BL-HE135A	GaAsP/GaP	Hi-Eff Red	640	45		2.0	2.6	2.5	7.0	
BL-HA135A	GaAsP/GaP	Soft-Orange	610	35		2.0	2.6	1.5	5.0	
* BL-HS035A	GaAlAs/GaAs	Super Red	660	20		1.7	2.6	4.0	12.0	
* BL-HS135A	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	3.0	9.0	
* BL-HD035A	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	6.5	20.0	
* BL-HF035A	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	10.0	30.0	
* BL-HF135A	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	13.5	40.0	
* BL-HF535A	GaAlAs/GaAlAs	Super Red	660	20		2.2	2.6	9.5	28.0	