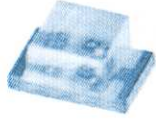


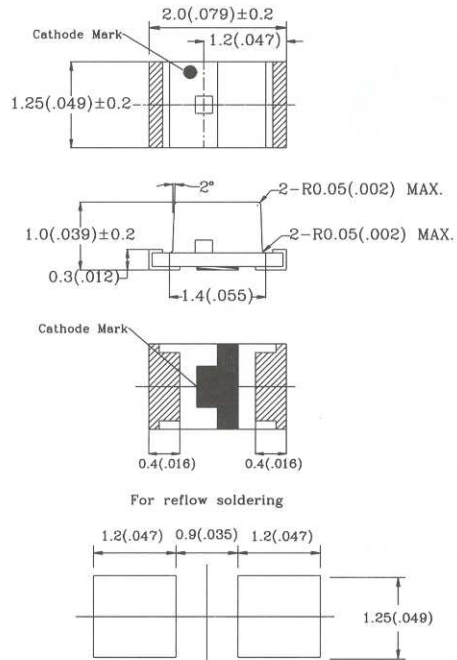
# SURFACE MOUNT CHIP LED LAMPS

## 0805 Flat Top BL-Hxxx5A Series



Anode Mark For

- BL-HSxx5A
- BL-HDxx5A
- BL-HFxx5A



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.

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

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
VR	V	5
Topr	$^\circ\text{C}$	-25~+80
Tstg	$^\circ\text{C}$	-30~+85

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2 $\theta$ 1/2 (deg)
	Material	Emitted Color	$\lambda_p$ (nm)	$\lambda_d$ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HE135A	GaAsP/GaP	Hi-Eff Red	640	628	Water Clear	2.0	2.6	2.4	8.0	120
BL-HS135A	GaAlAs/GaAs	Super Red	660	643		1.7	2.6	5.5	15.0	
BL-HD035A	GaAlAs/GaAs	Super Red	660	643		1.8	2.6	8.2	25.0	
BL-HF035A	GaAlAs	Super Red	660	643		2.1	2.6	18.5	30.0	
BL-HUB35A	AlGaInP	Super Red	645	632		2.1	2.6	28.0	50.0	
BL-HJB35A	AlGaInP	Super Orange Red	620	615		2.0	2.6	28.0	50.0	
BL-HJD35A	AlGaInP	Super Orange Red	630	625		2.1	2.6	28.0	50.0	
BL-HG035A	GaP/GaP	Yellow Green	568	571		2.1	2.6	3.7	12.0	
BL-HX135A	GaP/GaP	Hi-Eff Green	568	570		2.2	2.6	5.5	12.0	
BL-HW135A	GaP/GaP	Pure Green	557	563		2.2	2.6	1.6	3.0	
BL-HGD35A	AlGaInP	Super Yellow Green	570	570		2.0	2.6	12.3	20.0	
BL-HG435A	InGaN	Bluish Green	505	505		3.5	4.0	63.0	120.0	
BL-HG635A	InGaN	Green	525	525		3.5	4.0	63.0	160.0	
BL-HY035A	GaAsP/GaP	Yellow	583	585		2.1	2.6	2.4	6.0	
BL-HKB35A	AlGaInP	Super Yellow	590	587		2.1	2.6	28.0	45.0	
BL-HKD35A	AlGaInP	Super Yellow	595	594		2.1	2.6	28.0	45.0	
BL-HA135A	GaAsP/GaP	Amber	610	610	2.2	2.6	2.4	5.0		
BL-HJF35A	AlGaInP	Super Amber	610	605	2.0	2.6	28.0	50.0		