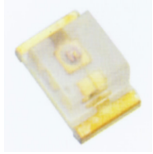




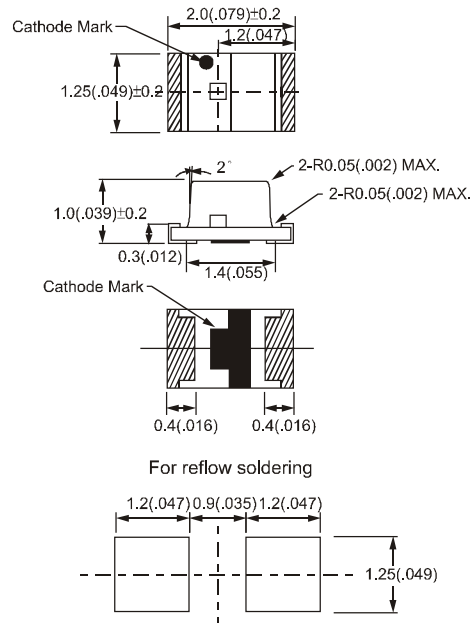
SURFACE MOUNT CHIP LED LAMPS



BL-Hxxx5A (0805) 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	λ_p (nm)	λ_d (nm)		Vf (V)		Iv (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HS135A	GaAlAs/GaAs	Super Red	660	643	Water Clear	1.7	2.6	5.5	15.0	120°
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-HJE35A	AlGaInP	Super Orange Red	630	625		2.1	2.6	63.0	100.0	
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-HGE35A	AlGaInP	Super Yellow Green	570	570		2.0	2.6	18.5	35.0	
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-HKC35A	AlGaInP	Super Yellow	590	587		2.1	2.6	63	120.0	
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	

Part No.	Chip				Lens Appearance	Electro-optical Data (At 5mA)				Viewing Angle $2\theta_{1/2}$ (deg)
	Material	Emitted Color	λ_p (nm)	λ_d (nm)		Vf (V)		Iv (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HB335A	AlInGaN	Super Blue	460	465-470	Water Clear	2.8	3.2	8.2	15.0	120°
BL-HB535A	AlInGaN	Super Blue	470	470-475		2.8	3.2	8.2	20.0	