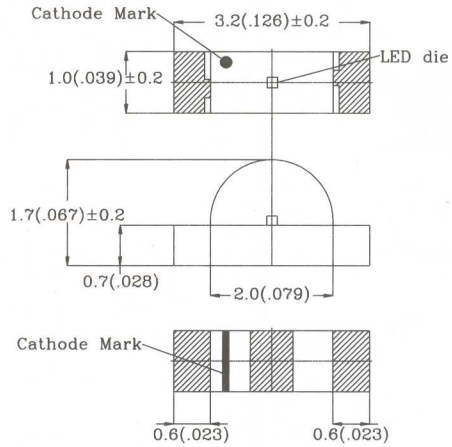


SURFACE MOUNT CHIP LED LAMPS

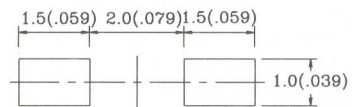
Right Angle Lens BL-Hxxx4C Series



Anode Mark For
 BL-HSxxx4C
 BL-HDxxx4C
 BL-HFxxx4C



For reflow soldering



NOTE:

1. All dimensions are in millimeters (inches).
2. Tolerance is ± 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 2θ 1/2 (deg)
	Material	Emitted Color	λ_p (nm)	λ_d (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HE134C	GaAsP/GaP	Hi-Eff Red	640	628	Water Clear	2.0	2.6	2.4	8.0	105
BL-HS134C	GaAlAs/GaAs	Super Red	660	643		1.7	2.6	3.7	12.0	
BL-HD034C	GaAlAs/GaAs	Super Red	660	643		1.8	2.6	8.2	27.0	
BL-HF034C	GaAlAs	Super Red	660	643		2.1	2.6	12.3	30.0	
BL-HUB34C	AlGaInP	Super Red	645	632		2.1	2.6	42.0	70.0	
BL-HJB34C	AlGaInP	Super Orange Red	620	615		2.0	2.6	42.0	70.0	
BL-HJD34C	AlGaInP	Super Orange Red	630	625		2.1	2.6	42.0	70.0	
BL-HG034C	GaP/GaP	Yellow Green	568	571		2.1	2.6	5.5	12.0	
BL-HX134C	GaP/GaP	Hi-Eff Green	568	570		2.2	2.6	3.7	8.0	
BL-HW134C	GaP/GaP	Pure Green	557	563		2.2	2.6	2.4	4.0	
BL-HGD34C	AlGaInP	Super Yellow Green	570	570		2.0	2.6	12.3	30.0	
BL-HG434C	InGaN	Bluish Green	505	505		3.5	4.0	63.0	130.0	
BL-HG634C	InGaN	Green	525	525		3.5	4.0	94.0	200.0	
BL-HY034C	GaAsP/GaP	Yellow	583	585		2.1	2.6	3.7	10.0	
BL-HKB34C	AlGaInP	Super Yellow	590	587		2.1	2.6	42.0	70.0	
BL-HKD34C	AlGaInP	Super Yellow	595	594		2.1	2.6	42.0	70.0	
BL-HA134C	GaAsP/GaP	Amber	610	610	2.2	2.6	2.4	6.0		
BL-HJF34C	AlGaInP	Super Amber	610	605	2.0	2.6	42.0	70.0		