

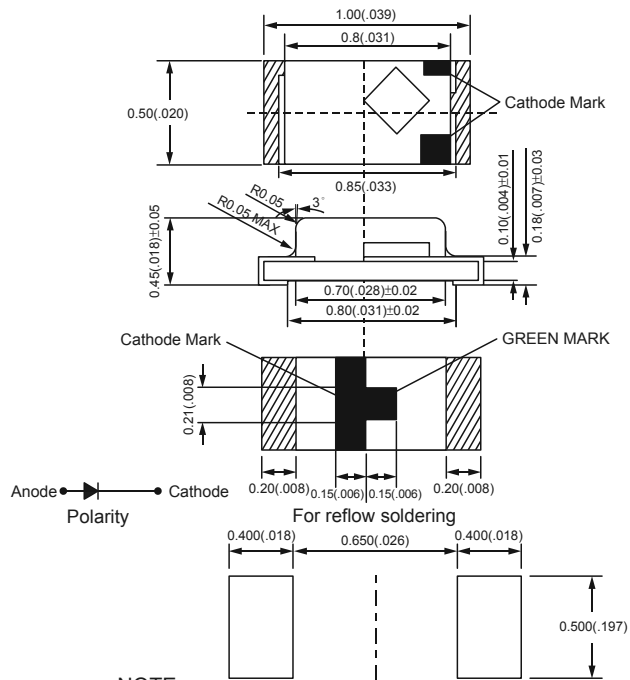
SURFACE MOUNT CHIP LED LAMPS



Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
IF	mA	20
IFp	mA	100
VR	V	5
Topr	°C	-40~+85
Tstg	°C	-40~+85

BL-Hxxx7A (0402) Series



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.

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-HGE37A	AlGaInP	Super Yellow Green	570	570	Water Clear	2.0	2.6	18.5	35.0	120°
BL-HGK37A	AlGaInP	Green	525	525		3.5	4.0	63.0	160.0	
BL-HG437A	InGaN	Bluish Green	505	505		3.5	4.0	63.0	120.0	
BL-HG637A	InGaN	Green	525	525		3.5	4.0	63.0	160.0	
BL-HJC37A	AlGaInP	Super Amber	610	605		2.0	2.6	63.0	100.0	
BL-HJE37A	AlGaInP	Super Orange Red	630	620		2.0	2.6	63.0	100.0	
BL-HKC37A	AlGaInP	Super Yellow	590	589		2.0	2.6	63.0	120.0	
BL-HUB37A	AlGaInP	Super Red	645	632		2.1	2.6	28.0	50.0	

Part No.	Chip				Lens Appearance	Electro-optical Data (At 5mA)				Viewing Angle 2θ 1/2 (deg)
	Material	Emitted Color	λ_p (nm)	λ_d (nm)		Vf (V)		Iv (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HB337A	AllnGaIn	Super Blue	460	465-470	Water Clear	2.8	3.2	8.2	15.0	120°
BL-HB537A	AllnGaIn	Super Blue	470	470-475		2.8	3.2	8.2	20.0	