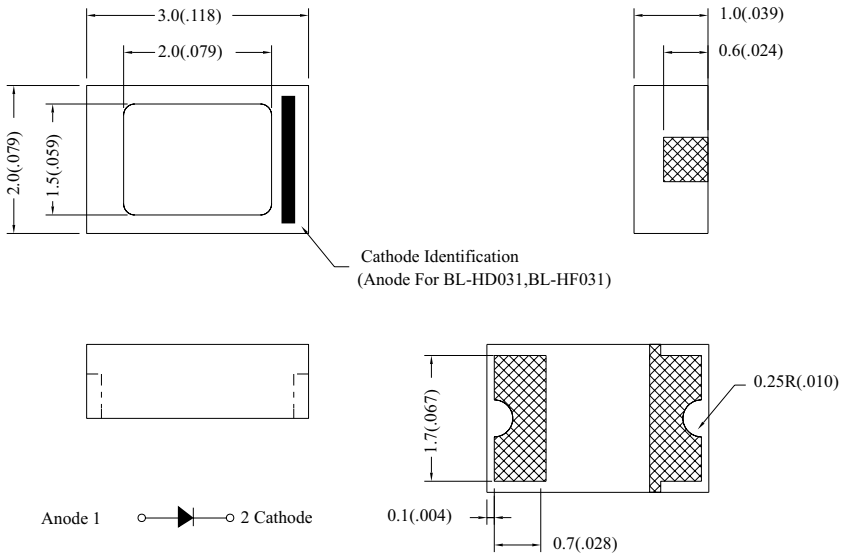
STANDARD CHIP LED LAMPS



BL-HXXX1 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.
4.Condition for IFp is pulse of 1/10 duty and 0.1msec width.

Absolute Maximum Ratings(Ta=25℃)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V_R	V	5
IR	uA	100
Top	℃	-25~+80
Tstg	℃	-30~+85

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)
	Material	Emitted Color	λP (nm)	Δλ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HH031	GaP/GaP	Bright Red	700	90	Water Clear	2.3	2.6	1.0	3.5	125
BL-HG031	GaP/GaP	Green	568	30		2.1	2.6	6.0	18.0	
BL-HX031	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	8.0	25.0	
BL-HW031	GaP/GaP	Pure Green	555	25		2.2	2.6	0.6	1.8	
BL-HY031	GaAsP/GaP	Yellow	585	35		2.1	2.6	4.0	12.0	
BL-HE131	GaAsP/GaP	Hi-Eff Red	635	45		1.9	2.6	4.5	14.0	
BL-HD031	GaAlAs/GaAs	Super Red	660	20		1.7	2.6	16.0	50.0	
BL-HF031	GaAlAs/GaA1As	Ultra Red	660	20		2.0	2.6	18.0	55.0	
BL-HJ031	AlGaInP	Super Orange	620	17		2.0	2.6	20.0	60.0	
BL-HK031	AlGaInP	Super Yellow	588	15		2.0	2.6	20.0	60.0	