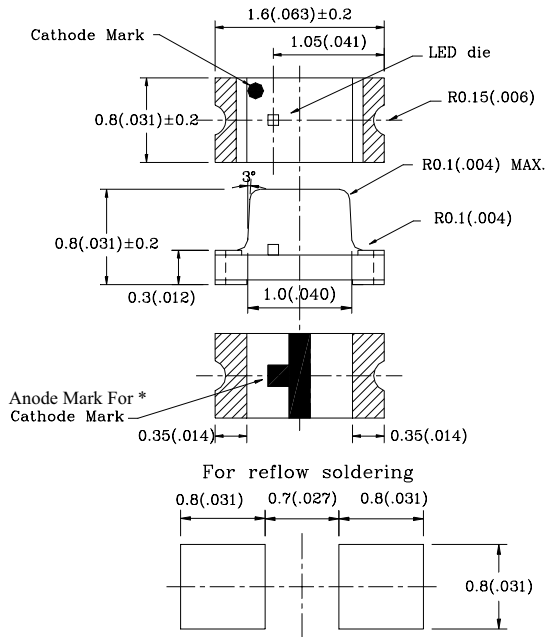




STANDARD CHIP LED LAMPS



BL-HXXX6 (0603) Series



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

Absolute Maximum Ratings(Ta=25°C)

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

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)±5
	Material	Emitted Color	λ p (nm)	Δ λ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HH036	GaP/GaP	Bright Red	700	90	Water Clear	2.2	2.6	0.3	1.0	120
BL-HG036	GaP/GaP	Green	568	30		2.2	2.6	4.0	12.0	
BL-HGC36	GaP/GaP	Green	568	30		2.1	2.6	4.5	14.0	
BL-HX136	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	5.0	15.0	
BL-HW136	GaP/GaP	Pure Green	555	25		2.2	2.6	0.8	2.5	
BL-HY036	GaAsP/GaP	Yellow	585	35		2.1	2.6	1.6	5.0	
BL-HE036	GaAsP/GaP	Hi-Eff Red	630	45		2.0	2.6	2.5	7.0	
BL-HE136	GaAsP/GaP	Hi-Eff Red	640	45		2.0	2.6	2.5	7.0	
BL-HA136	GaAsP/GaP	Soft-Orange	610	35		2.0	2.6	1.5	4.5	
* BL-HS036	GaAlAs/GaAs	Super Red	660	20		1.7	2.6	4.0	12.0	
* BL-HS136	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	4.5	14.0	
* BL-HD036	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	6.0	20.0	
* BL-HF036	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	10.0	30.0	
* BL-HF136	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	13.5	40.0	
* BL-HF536	GaAlAs/GaAlAs	Super Red	660	20		2.2	2.6	9.0	28.0	