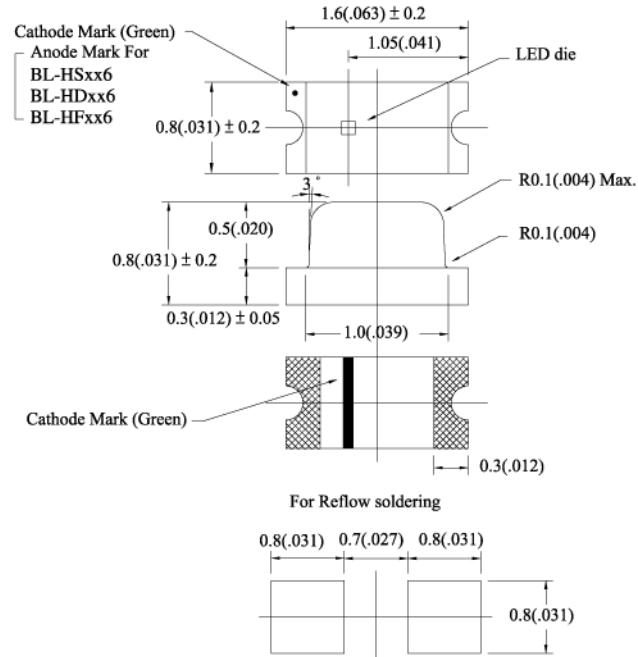




BL-Hxxx6 (0603) Series



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.

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V_R	V	5
Top	$^\circ\text{C}$	-25~+80
Tstg	$^\circ\text{C}$	-30~+85

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2 θ 1/2 (deg)
	Material	Emitted Color	λ p (nm)	Δ λ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HG036	GaP/GaP	Green	568	30	Water Clear	2.1	2.6	5.0	15.0	140°
BL-HX136	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	6.0	18.0	
BL-HY036	GaAsP/GaP	Yellow	585	35		2.1	2.6	3.0	10.0	
BL-HE136	GaAsP/GaP	Hi-Eff Red	635	45		1.9	2.6	3.0	12.0	
BL-HH036	GaP/GaP	Bright Red	700	90		2.3	2.6	0.5	2.0	
BL-HS136	GaAlAs/GaAs	Super Red	660	20		1.7	2.6	12.0	20.0	
BL-HA036	GaAsP/GaP	Amber	610	35		2.0	2.6	6.0	15.0	
BL-HW136	GaP/GaP	Pure Green	555	25		2.2	2.6	0.5	2.0	
BL-HB136	InGaN/Sic	Super Blue	470	30		3.6	4.0	5.0	30.0	
BL-HD036	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	8.0	25.0	
BL-HF036	GaAlAs/GaAlAs	Ultra Red	660	20		2.0	2.6	13.0	40.0	
BL-HJB36	AlGaInP	Super Orange	620	17		2.0	2.6	20.0	60.0	
BL-HJF36	AlGaInP	Soft Orange	610	17		2.0	2.6	15.0	50.0	
BL-HKB36	AlGaInP	Super Yellow	587	15		2.0	2.6	20.0	60.0	
BL-HKD36	AlGaInP	Super Yellow	595	15		2.0	2.6	20.0	60.0	