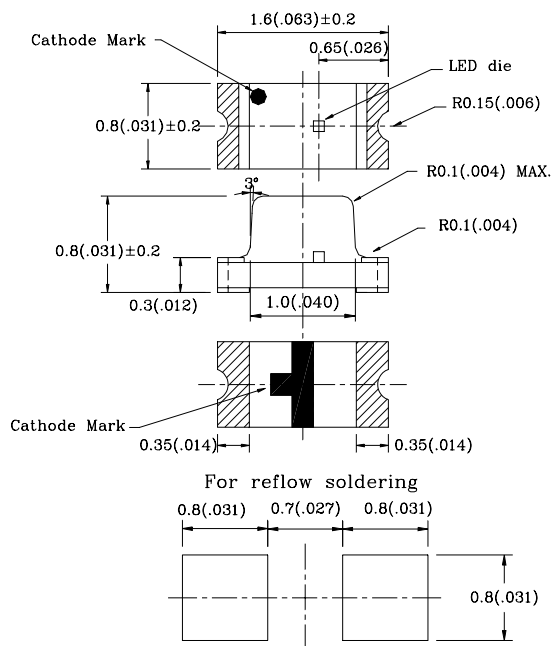




BL-HXXX6-2 (0603) Series



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

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

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.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle $2\theta 1/2$ (deg) ± 5
	Material	Emitted Color	λ_p (nm)	$\Delta \lambda$ (nm)		$V_f(V)$		$I_v(\text{mcd})$		
						Typ.	Max.	Min.	Typ.	
BL-HS036-2	GaAlAs/GaAs	Super Red	660	20	Water Clear	1.7	2.6	4.0	12.0	120
BL-HS136-2	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	4.5	14.0	
BL-HSA36-2	GaAlAs/GaAs	Super Red	660	20		2.1	2.6	2.0	6.0	
BL-HD036-2	GaAlAs/GaAs	Super Red	660	20		2.1	2.6	6.0	20.0	
BL-HF036-2	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	10.0	30.0	
BL-HF136-2	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	13.5	40.0	
BL-HF236-2	GaAlAs/GaAlAs	Super Red	660	20		2.0	2.6	21.0	45.0	
BL-HF336-2	GaAlAs/GaAlAs	Super Red	660	20		2.0	2.6	16.0	48.0	
BL-HF536-2	GaAlAs/GaAlAs	Super Red	660	20		2.2	2.6	9.0	28.0	