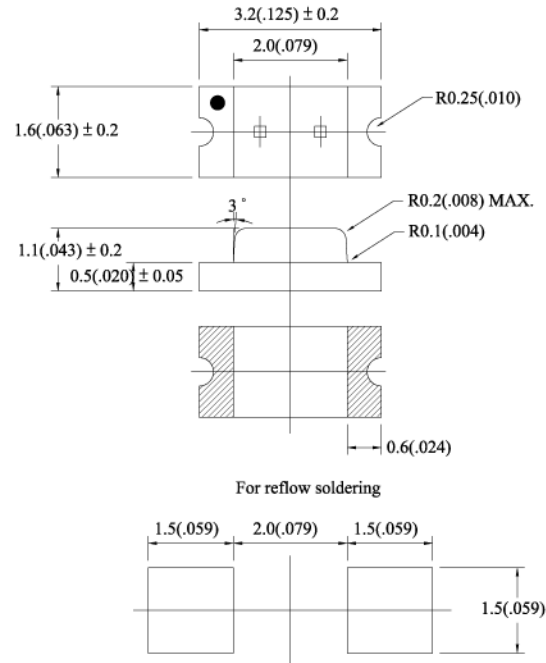


### BL-Hxxxx33 Series



Absolute Maximum Ratings(Ta=25°C)

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

**NOTE:**

- 1.All dimensions are in millimeters(inches).
- 2.Tolerance is  $\pm 0.10(0.004)$ " unless otherwise specified.
- 3.Specifications are subject to change without notice.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle $2\theta 1/2$ (deg)
	Material	Emitted Color	$\lambda_p$ (nm)	$\Delta \lambda$ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HE1G033	GaAsP/GaP	Hi-Eff Red	635	45	Water Clear	1.9	2.6	3.0	12.0	140°
	GaP/GaP	Green	568	30		2.1	2.6	5.0	15.0	
BL-HE1W033	GaAsP/GaP	Hi-Eff Red	635	45		1.9	2.6	3.0	12.0	
	GaP/GaP	Pure Green	555	25		2.2	2.6	0.5	3.0	
BL-HG0Y033	GaP/GaP	Green	568	30		2.1	2.6	5.0	15.0	
	GaAsP/GaP	Yellow	585	35		2.1	2.6	3.0	10.0	
BL-HD1X133	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	10.0	30.0	
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	6.0	25.0	