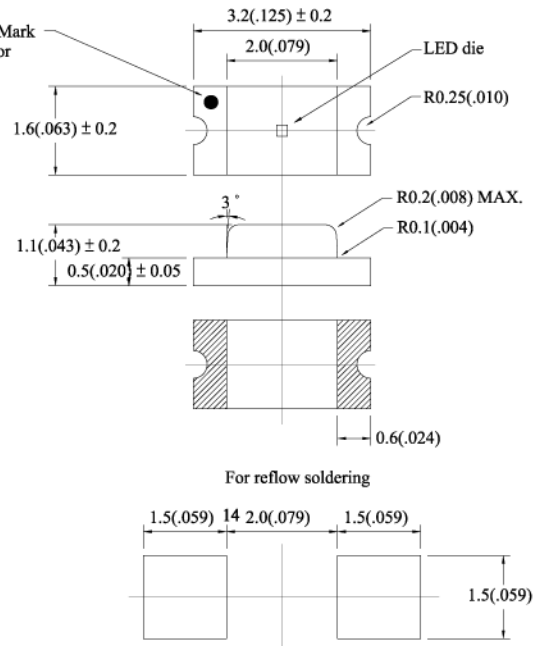


BB-Hxxx3-C Series



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.Operating Voltage 5.0V~10.0V

Absolute Maximum Ratings(Ta=25°C)

	UNIT	SPEC.
IF	mA	20
IFp	mA	100
V _R	V	5.0
Top	°C	-25~+80
Tstg	°C	-20~+85

Part No.	Chip			Lens Appearance	Forward Current		Pulse Rate(Hz) VDD=5V			Iv (mcd)		Viewing Angle 2θ 1/2 (deg)
	Material	Emitted Color	λ p (nm)		Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	
BB-HH033-C	GaP/GaP	Bright Red	700	Water Clear	20	—	2.0	2.4	3.0	2.0	5.5	140°
BB-HG033-C	GaP/GaP	Green	568		20	—	2.0	2.4	3.0	8.0	24.0	
BB-HX133-C	GaP/GaP	Hi-Eff Green	568		20	—	2.0	2.4	3.0	12.0	35.0	
BB-HW133-C	GaP/GaP	Pure Green	555		20	—	2.0	2.4	3.0	15.0	4.0	
BB-HY033-C	GaAsP/GaP	Yellow	585		20	—	2.0	2.4	3.0	6.0	20.0	
BB-HE033-C	GaAsP/GaP	Hi-Eff Red	635		20	—	2.0	2.4	3.0	6.0	24.0	
BB-HD133-C	GaAlAs	Super Red	660		20	—	2.0	2.4	3.0	15.0	45.0	
BB-HF033-C	GaAlAs	Ultra Red	660		20	—	2.0	2.4	3.0	25.0	75.0	
BB-HJ033-C	AlGaInP	Super Orange	620		20	—	2.0	2.4	3.0	28.0	85.0	
BB-HK033-C	AlGaInP	Super Yellow	588		20	—	2.0	2.4	3.0	28.0	85.0	