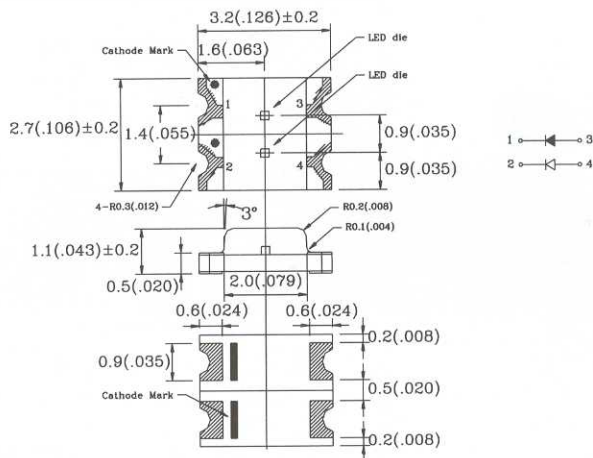
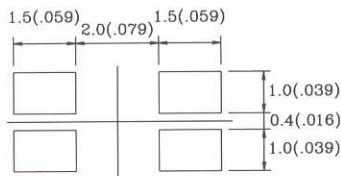


SURFACE MOUNT DUAL COLOR LED LAMPS

Bi-Color BL-Hxxxx3B Series



For reflow soldering



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
VR	V	5
Topr	$^\circ\text{C}$	-25~+80
Tstg	$^\circ\text{C}$	-30~+85

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle $2\theta 1/2$ (deg)
	Material	Emitted Color	λ_p (nm)	λ_d (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HD1X133B	GaAlAs/GaAs	Super Red	660	643	Water Clear	1.8	2.6	12.3	25.0	120
	GaP/GaP	Hi-Eff Green	568	570		2.2	2.6	5.5	12.0	
BL-HE1G033B	GaAsP/GaP	Hi-Eff Red	640	628		2.0	2.6	5.5	12.0	
	GaP/GaP	Green	568	571		2.2	2.6	2.4	10.0	
BL-HE1Y033B	GaAsP/GaP	Hi-Eff Red	640	628		2.0	2.6	5.5	12.0	
	GaAsP/GaP	Yellow	583	585		2.1	2.6	2.4	10.0	
BL-HE1W033B	GaAsP/GaP	Hi-Eff Red	640	628		2.0	2.6	5.5	12.0	
	GaP/GaP	Pure Green	557	563		2.2	2.6	0.5	3.0	
BL-HE1X133B	GaAsP/GaP	Hi-Eff Red	640	628		2.0	2.6	5.5	12.0	
	GaP/GaP	Hi-Eff Green	568	570		2.2	2.6	5.5	12.0	
BL-HG0Y033B	GaP/GaP	Green	568	571		2.2	2.6	2.4	10.0	
	GaAsP/GaP	Yellow	583	585		2.1	2.6	2.4	10.0	