



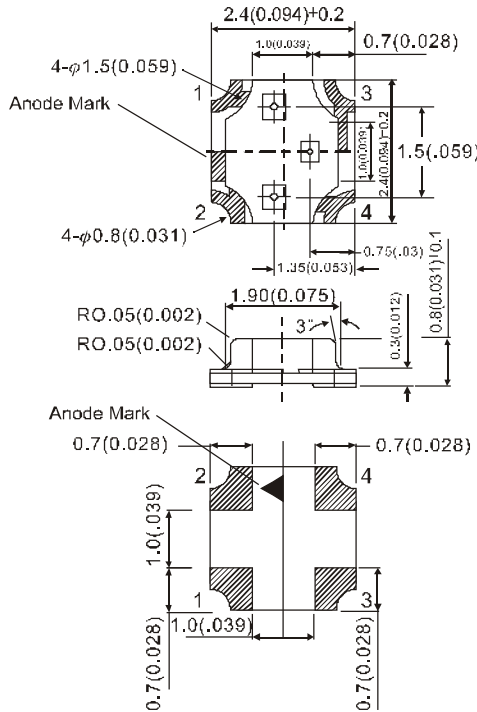
SURFACE MOUNT TRI COLOR LED LAMPS



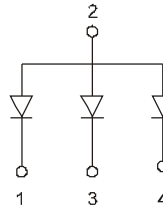
Absolute Maximum Ratings
(Ta=25°C)

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

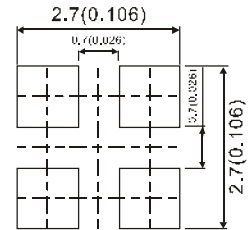
BL-Hxxxxxxx3G Series



Common Anode



For reflow soldering



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 θ 1/2 (deg) |
|---------------|-------------|--------------------|------------|------------|-----------------|--------------------------------|------|----------|-------|-----------------------------------|
| | Material | Emitted Color | λp (nm) | λd (nm) | | Vf (V) | | Iv (mcd) | | |
| | | | | | | Typ. | Max. | Min. | Typ. | |
| BL-HG6J3B433G | InGaN | Green | 525 | 525 | Water Clear | 3.5 | 4.0 | 63.0 | 120.0 | 140° |
| | AlGaInP | Super Orange | 630 | 625 | | 2.2 | 2.6 | 42.0 | 80.0 | |
| | AllnGaN | Super Blue | 470 | 470 | | 3.5 | 4.0 | 28.0 | 40.0 | |
| BL-HG6UBB433G | InGaN | Green | 525 | 525 | | 3.5 | 4.0 | 63.0 | 120.0 | |
| | AlGaInP | Super Red | 645 | 632 | | 2.1 | 2.6 | 28.0 | 50.0 | |
| | AllnGaN | Super Blue | 470 | 470 | | 3.5 | 4.0 | 28.0 | 40.0 | |
| BL-HJDGE433G | AlGaInP | Super Orange Red | 630 | 625 | | 2.1 | 2.6 | 28.0 | 50.0 | |
| | AlGaInP | Super Yellow Green | 570 | 570 | | 2.0 | 2.6 | 18.5 | 30.0 | |
| | AlGaInN | Super Blue | 470 | 470 | | 3.5 | 4.0 | 28.0 | 40.0 | |
| BL-HD1X1KB33G | GaAlAs/GaAs | Super Red | 660 | 643 | | 1.8 | 2.6 | 12.3 | 25.0 | |
| | GaP/GaP | Hi-Eff Green | 568 | 570 | | 2.2 | 2.6 | 5.5 | 12.0 | |
| | AlGaInP | Super Yellow | 590 | 587 | | 2.1 | 2.6 | 28.0 | 45.0 | |
| BL-HD1G4B433G | GaAlAs/GaAs | Super Red | 660 | 643 | 1.8 | 2.6 | 12.3 | 25.0 | | |
| | InGaN | Bluish Green | 505 | 505 | 3.5 | 4.0 | 63.0 | 120.0 | | |
| | AllnGaN | Super Blue | 470 | 470 | 3.5 | 4.0 | 28.0 | 40.0 | | |