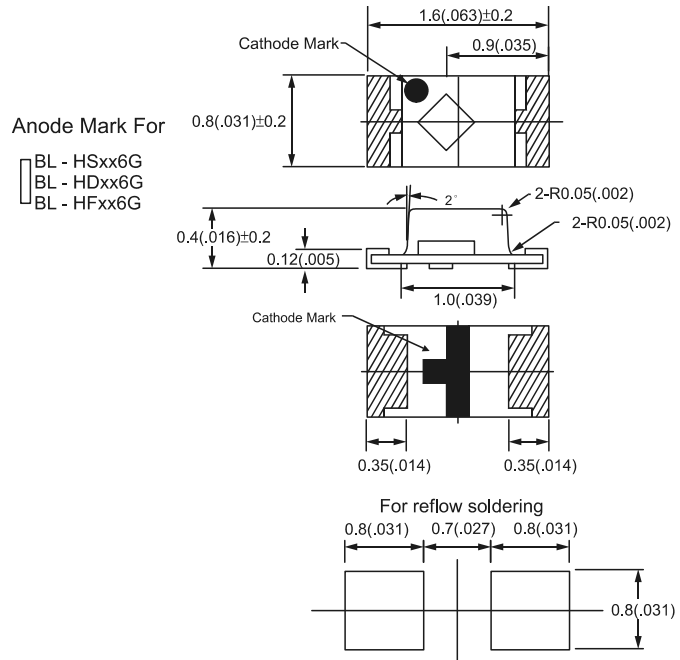
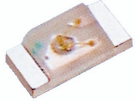


SURFACE MOUNT CHIP LED LAMPS

BL-Hxxx6G (0603-0.4mm) Series



Absolute Maximum Ratings (Ta=25°C)

| | UNIT | SPEC. |
|------|------|---------|
| IF | mA | 20 |
| IFp | mA | 100 |
| VR | V | 5 |
| Topr | °C | -40~+85 |
| Tstg | °C | -40~+85 |

NOTE:
 1. All dimensions are in millimeters (inches).
 2. Tolerance is ± 0.10 (.004") unless otherwise specified.
 3. Specifications are subject to change without notice.

| Part No. | Chip | | | | Lens Appearance | Electro-optical Data (At 20mA) | | | | Viewing Angle 2θ 1/2 (deg) |
|-----------|----------|--------------------|--------|--------|-----------------|--------------------------------|------|----------|-------|----------------------------------|
| | Material | Emitted Color | λp(nm) | λd(nm) | | Vf (V) | | Iv (mcd) | | |
| | | | | | | Typ. | Max. | Min. | Typ. | |
| BL-HGE36G | AlGaInP | Super Yellow Green | 570 | 570 | Water Clear | 2.0 | 2.6 | 18.5 | 35.0 | 120° |
| BL-HGK36G | AlGaInP | Green | 525 | 525 | | 3.5 | 4.0 | 63.0 | 160.0 | |
| BL-HG436G | InGaN | Bluish Green | 505 | 505 | | 3.5 | 4.0 | 63.0 | 120.0 | |
| BL-HG636G | InGaN | Green | 525 | 525 | | 3.5 | 4.0 | 63.0 | 160.0 | |
| BL-HJC36G | AlGaInP | Super Amber | 610 | 605 | | 2.0 | 2.6 | 63.0 | 100.0 | |
| BL-HJE36G | AlGaInP | Super Orange Red | 630 | 620 | | 2.0 | 2.6 | 63.0 | 100.0 | |
| BL-HKC36G | AlGaInP | Super Yellow | 590 | 589 | | 2.0 | 2.6 | 63.0 | 120.0 | |
| BL-HUB36G | AlGaInP | Super Red | 645 | 632 | | 2.1 | 2.6 | 28.0 | 50.0 | |

| Part No. | Chip | | | | Lens Appearance | Electro-optical Data (At 5mA) | | | | Viewing Angle 2θ 1/2 (deg) |
|-----------|----------|---------------|--------|---------|-----------------|-------------------------------|------|----------|------|----------------------------------|
| | Material | Emitted Color | λp(nm) | λd(nm) | | Vf (V) | | Iv (mcd) | | |
| | | | | | | Typ. | Max. | Min. | Typ. | |
| BL-HB336G | AllnGaN | Super Blue | 460 | 465-470 | Water Clear | 2.8 | 3.2 | 8.2 | 15.0 | 120° |
| BL-HB536G | AllnGaN | Super Blue | 470 | 470-475 | | 2.8 | 3.2 | 8.2 | 20.0 | |