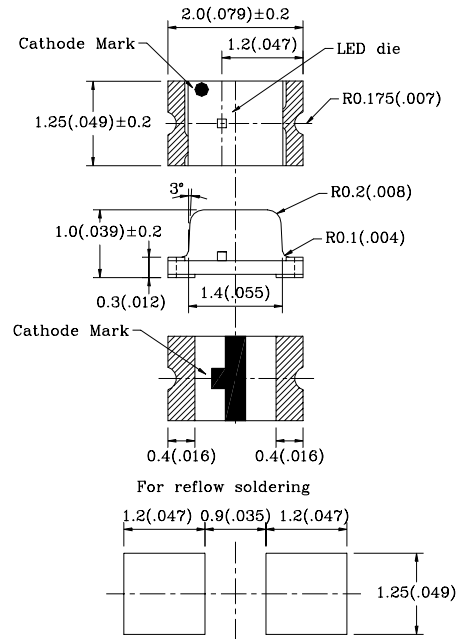




BLUE CHIP LED LAMPS



BL-HBXX5 (0805) Series



Absolute Maximum Ratings(Ta=25°C)

| | UNIT | SPEC. |
|------------------|------|---------|
| IF | mA | 30 |
| IFp | mA | 100 |
| Va | V | 5 |
| IR | uA | 100 |
| T _{op} | °C | -25~+80 |
| T _{stg} | °C | -30~+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.
- 4.Condition for IFp is pulse of 1/10 duty and 0.1msec width.

| Part No. | Chip | | | | Lens Appearance | Electro-optical Data (At 20mA) | | | | Viewing Angle 2θ 1/2 (deg)± 5 |
|----------|-----------|---------------|------------------------|------------|-----------------|--------------------------------|------|----------------------|------|-------------------------------------|
| | Material | Emitted Color | λ _p (nm) | Δλ (nm) | | V _f (V) | | I _v (mcd) | | |
| | | | | | | Typ. | Max. | Min. | Typ. | |
| BL-HB135 | GaN/SiC | Blue | 430 | 30 | Water Clear | 3.8 | 4.5 | 10.0 | 30.0 | 120 |
| BL-HB335 | InGaN/GaN | Blue | 470 | 30 | | 3.5 | 4.0 | 12.0 | 35.0 | |
| BL-HB435 | InGaN/GaN | Blue | 480 | 30 | | 3.2 | 4.0 | 23.0 | 70.0 | |