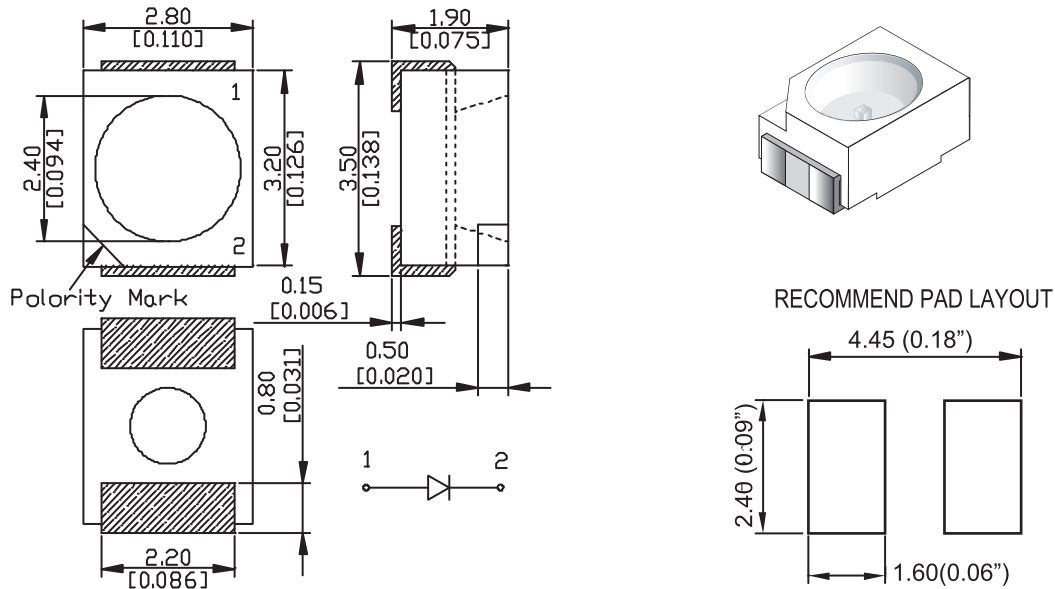
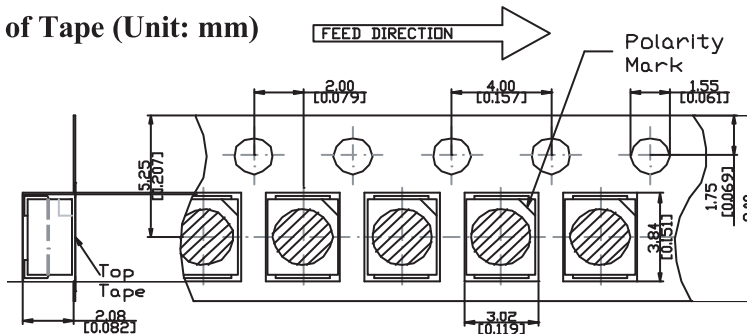


### LBD 310 BHC



### Dimensions of Tape (Unit: mm)



### Absolute maximum ratings(Ta=25°C)

| Item          | Materials   |
|---------------|-------------|
| Resin         | Epoxy       |
| Bonding wire  | φ 30 um Au  |
| Lens color    | Water Clear |
| Dice          | INGaN       |
| emitted color | Blue        |

| Parameter                   | Symbol | Value   | Unit |
|-----------------------------|--------|---------|------|
| Forward current             | If     | 30      | mA   |
| Reverse voltage             | Vr     | 5       | V    |
| Power dissipation           | Pd     | 350     | mW   |
| Operating temperature range | Top    | -40~+85 | °C   |
| Storage temperature range   | Tstg   | -40~+85 | °C   |
| Peak Forward current        |        | 160     | mA   |

### Electro-optical characteristics(Ta=25°C)

| Parameter               | Test Condition | Symbol | Value |     |     | Unit |
|-------------------------|----------------|--------|-------|-----|-----|------|
|                         |                |        | Min   | Typ | Max |      |
| Forward voltage         | If=20mA        | Vf     | 3.7   | 4.3 | \   | V    |
| Luminous intensity      | If=20mA        | Iv     | 110   | 250 | \   | mcd  |
| Viewing angle at 50% Iv | If=10mA        | 2θ 1/2 | \     | 100 | \   | Deg  |
| Reverse current         | Vr=5V          | Ir     | \     | \   | 10  | uA   |

\*1 Note:Luminous intensity tolerances are +/- 10%