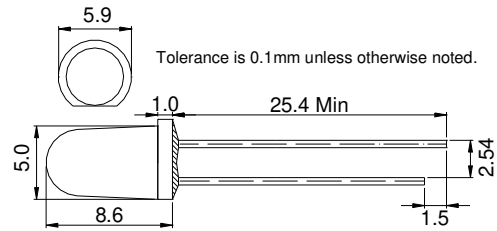


Product Specification

Device Part No:HUBL-5101L

Features:

- Lighting color :Blue
- Lens Type: Water Clear
- Device Outline: Φ 5mm Round Type



Absolute Maximim Ratings

(Ta = 25°C)

| Series | Symbol | Testing Condition | Characteristics | | Unit |
|-----------------------------|--------|------------------------------------|-----------------|------|-------|
| | | | Max. | Min. | |
| Power Dissipation | Pd | — | 100 | — | mW |
| Reverse Voltage | VR | IR = 50 μ A | — | 7 | V |
| Peak Forward Current | Ipeak | Duty=0.1, 1kHz | 80 | — | mA |
| Derating Linear | I/C | — | 0.25 | — | mA/°C |
| Operating Temperature Range | Topr | — | +75 | -25 | °C |
| Storage Temperature Range | Tstr | — | +100 | -40 | °C |
| Lead Soldering Temperature | Tsol | 260°C for 5sec. (3.0mm from resin) | | | |

Electro-Optical Characteristics

(Ta = 25°C)

| Series | Symbol | Testing Condition | Characteristics | | | Unit |
|------------------------------|------------------|-------------------|-----------------|------|------|---------|
| | | | Max. | Typ. | Min. | |
| Forward Voltage | VF | IF = 20mA | 3.8 | 3.5 | — | V |
| Reverse Current | IR | VR = 7V | 50 | — | — | μ A |
| Peak Emission Wavelength | λ p | IF = 20mA | — | 470 | — | nm |
| Spectrum Width of Half Value | $\Delta \lambda$ | IF = 20mA | — | 20 | — | nm |
| Luminous Intensity Angle | 2 ϕ 1/2 | IF = 20mA | — | 15 | 11 | ° |
| Luminous Intensity | IV | IF = 20mA | — | 8000 | — | mcd |