

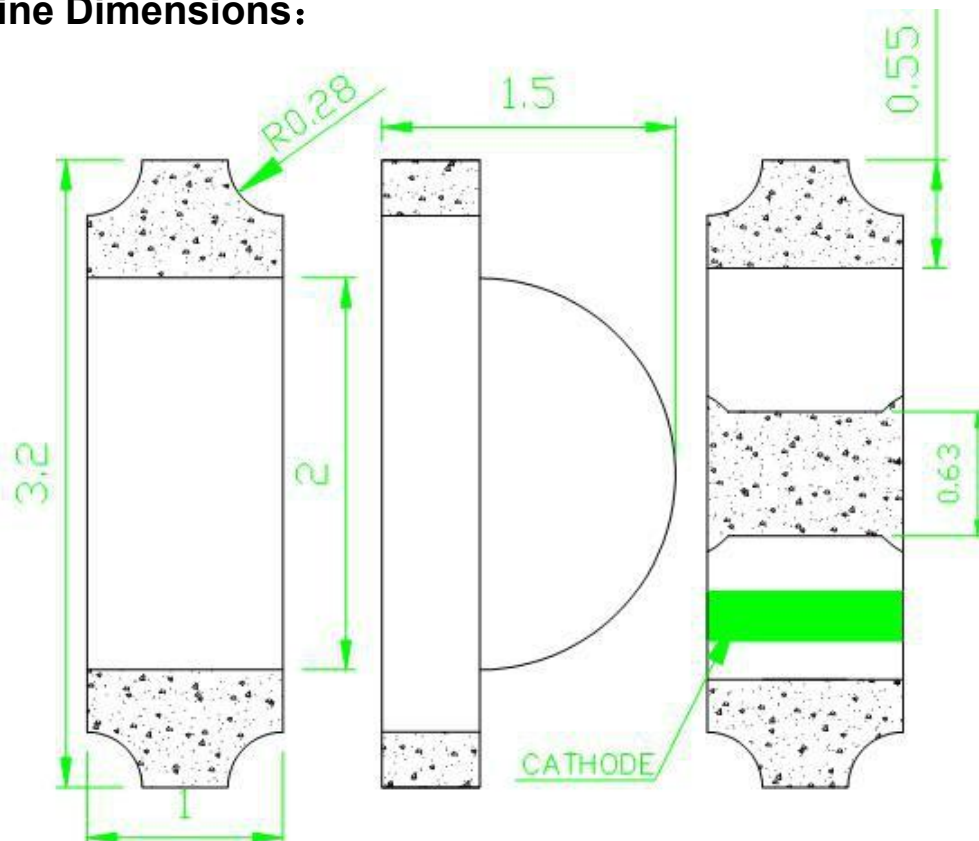
1、 Features:

- Emitting Color: Pure Green
- Lens Type: Water Clear
- Device Outline: 3.2×1.0×1.5 (unit:mm)
- RoHS compliant

2、 Applications:

- Backlight for Mobile, Machine Vision, LCD Display
- Backlight in Dashboard and switch of Automotive

3、 Outline Dimensions:



Note: 1.All dimension units are millimeters

2. All dimension tolerance is ± 0.10 mm



Part No.: JSL-1204PGC

4、 Absolute maximum ratings (Ta = 25°C):

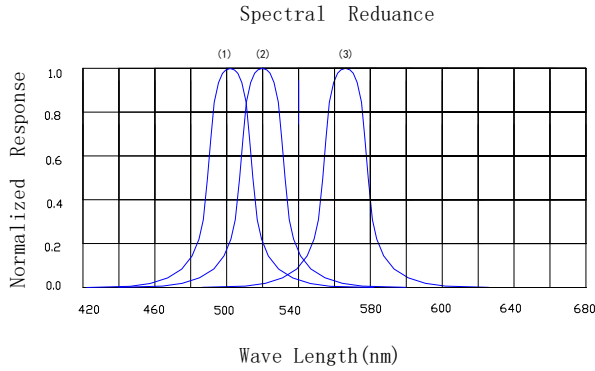
| Parameter | Symbol | Test Condition | Value | | Unit |
|-----------------------|--------|-----------------|-------|------|------|
| | | | Min. | Max. | |
| Power Dissipation | Pd | --- | --- | 70 | mW |
| Reverse Voltage | VR | IR = 30 μ A | 5 | --- | V |
| Pulse Current | IFp | Duty=0.1, 1kHz | --- | 100 | mA |
| Forward Current | IFm | --- | --- | 25 | mA |
| Operating Temperature | Topr | --- | -40 | +85 | °C |
| Storage Temperature | Tstr | --- | -40 | +85 | °C |

5、 Electrical and optical characteristics (Ta = 25°C):

| Parameter | Symbol | Test Condition | Value | | | Unit |
|--------------------|----------------|----------------|-------|------|------|---------|
| | | | Min. | Typ. | Max. | |
| Forward Voltage | VF | IF = 20mA | 2.8 | 3.0 | 3.6 | V |
| Reverse Current | IR | VR = 5V | --- | --- | 30 | μ A |
| Wave Length | Tc | IF = 20mA | --- | 525 | --- | nm |
| Luminous Intensity | Iv | IF = 20mA | 500 | 800 | 1000 | mcd |
| Viewing Angle | 2 θ 1/2 | IF = 20mA | --- | 120 | --- | Deg. |



6. Typical electrical/optical characteristic curves:



- (1) InGaN peak@505nm /bluish Green
- (2) InGaN peak@520nm /pure Green
- (3) GaP, GaAsP, AlGaAsP peak@568nm / Green

