

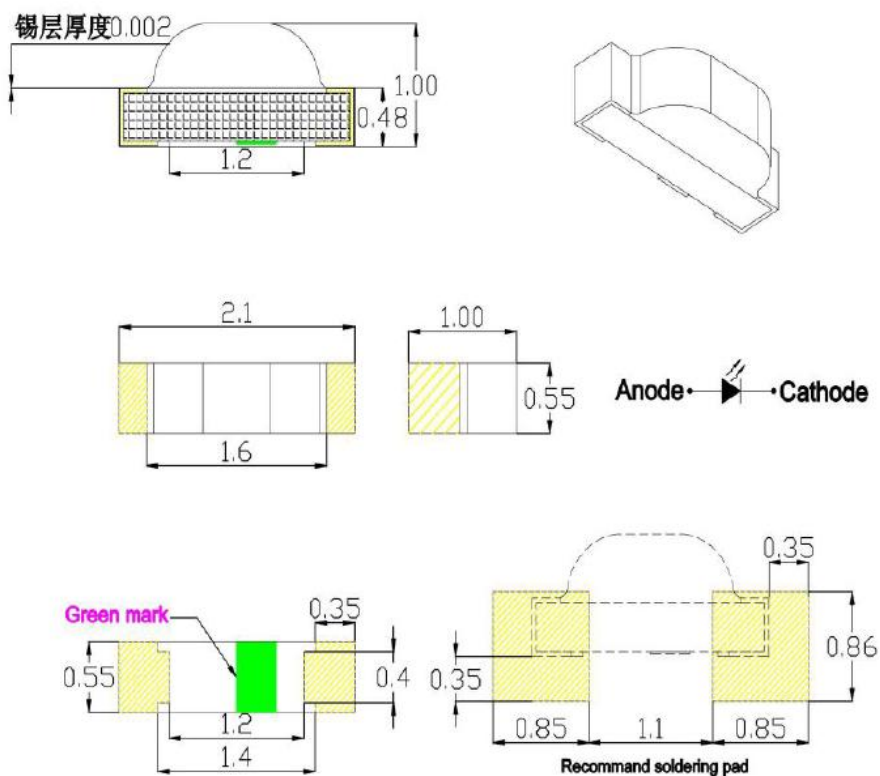
### 1、 Features:

- Emitting Color: Pure Green
- Lens Type: Water Clear
- Device Outline: 2.1×0.55×1.0 (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  $\pm 0.10\text{mm}$



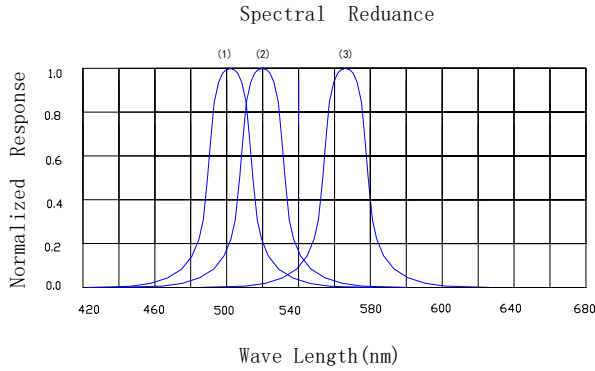
**4、 Absolute maximum ratings (Ta = 25°C):**

| Parameter             | Symbol | Test Condition  | Value |      | Unit |
|-----------------------|--------|-----------------|-------|------|------|
|                       |        |                 | Min.  | Max. |      |
| Power Dissipation     | Pd     | ---             | ---   | 70   | mW   |
| Reverse Voltage       | VR     | IR = 30 $\mu$ 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   | $\mu$ A |
| Wave Length        | Tc             | IF = 20mA      | ---   | 525  | ---  | nm      |
| Luminous Intensity | Iv             | IF = 20mA      | 500   | 800  | 1000 | mcd     |
| Viewing Angle      | 2 $\theta$ 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

