XL-302SURD F3 **技术数据表**

**特点（ ）：**

* : F3/3.8*3.0*5.2*18mm
Appearance dimension: F3/3.8*3.0*5.2*18mm
* : /
Luminous color and colloid: Red brightness White /Red colloid
* ROHS
Environmental protection pro ' &mÎאד &

# 目录

Catalogue

## 电性参数

| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Consumed power | Pd | 70 | mW |
| Max Continuous Forward Current | IF | 20 | mA |
| Peak Forward Current | IFp | 80 | mA |
| Operating ambient temperature | Topr | -20 C ~ +85 C | |
| Storage ambient temperature | Tstg | -40 C ~ +85 C | |
| Welding conditions | Tsol | reflow soldering 240°C 6s<br>manual welding 300°C 3s<br>2.0mm | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Luminous Intensity | Iv | 400 | 600 | 900 | mcd | IF=20mA |
| Dominant Wave Length | λd | 615 | 620 | 625 | nm | IF=20mA |
| Peak Wave Length | λp | / | 625 | / | nm | IF=20mA |
| Forward Voltage | VF | 1.8 | 2.2 | 2.4 | V | IF=20mA |
| Viewing Angle | 2Ø1/2 | / | 30 | / | deg | IF=20mA |
| Spectral Width at half height | λ | / | 20 | / | nm | IF=20mA |
| Reverse Current | IR | / | / | ≤10 | μA | VR=5V |

±10% ±0.1V (X,Y) ±0.01 ±1nm

Note: the light intensity error is 10%; The pressure drop error is ±0.1V ; (X,Y) coordinate deviation ±0.01 wavelength error ±1 nm.

**亮度分档**

：

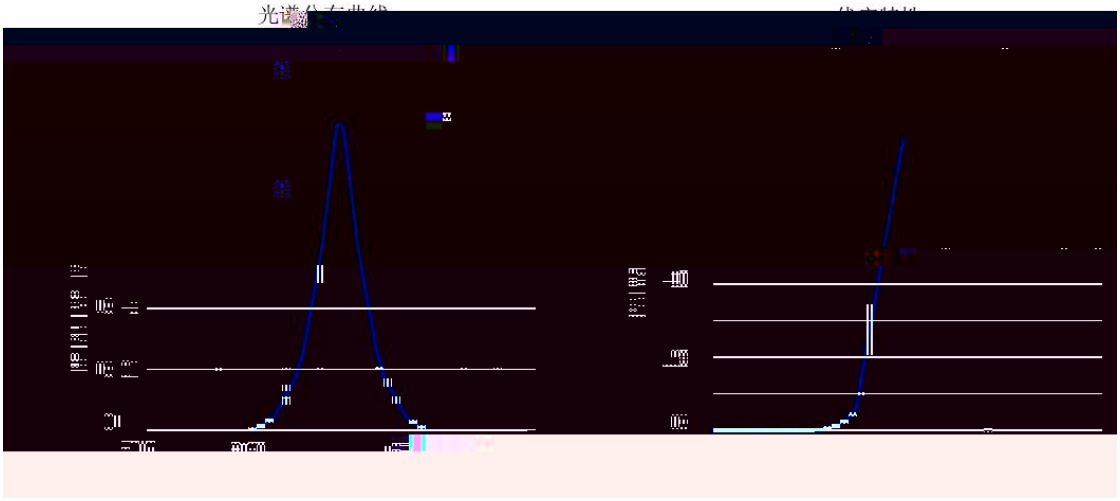
| 代码 | 最小值 | 最大值 |
| --- | --- | --- |

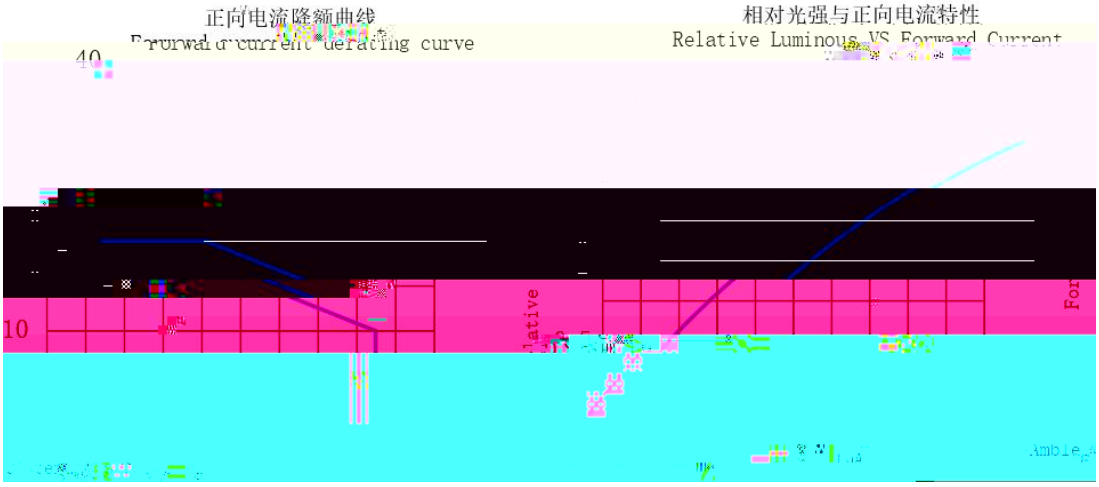
**电压分档**

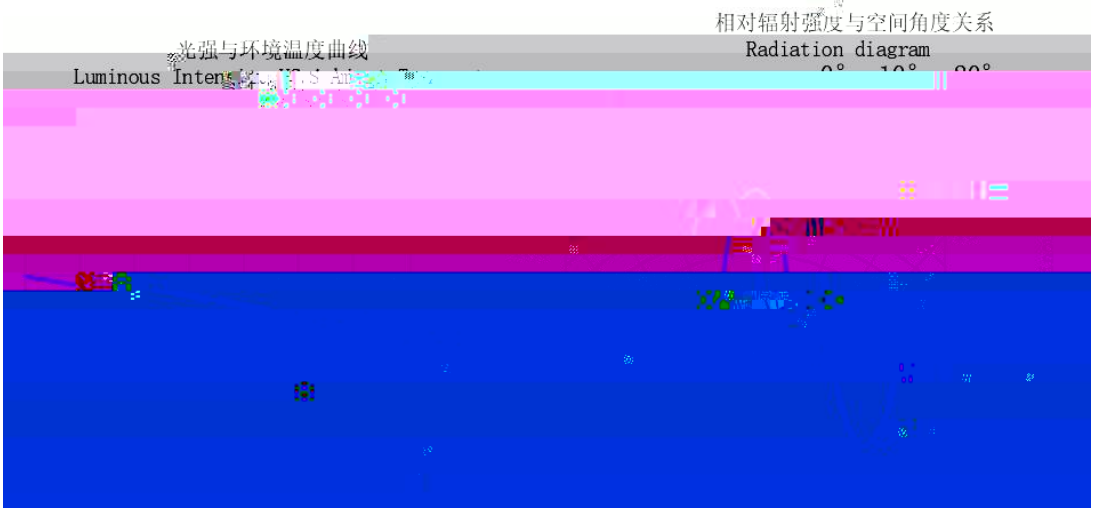
：

**波长分档**

# 典型特性曲线





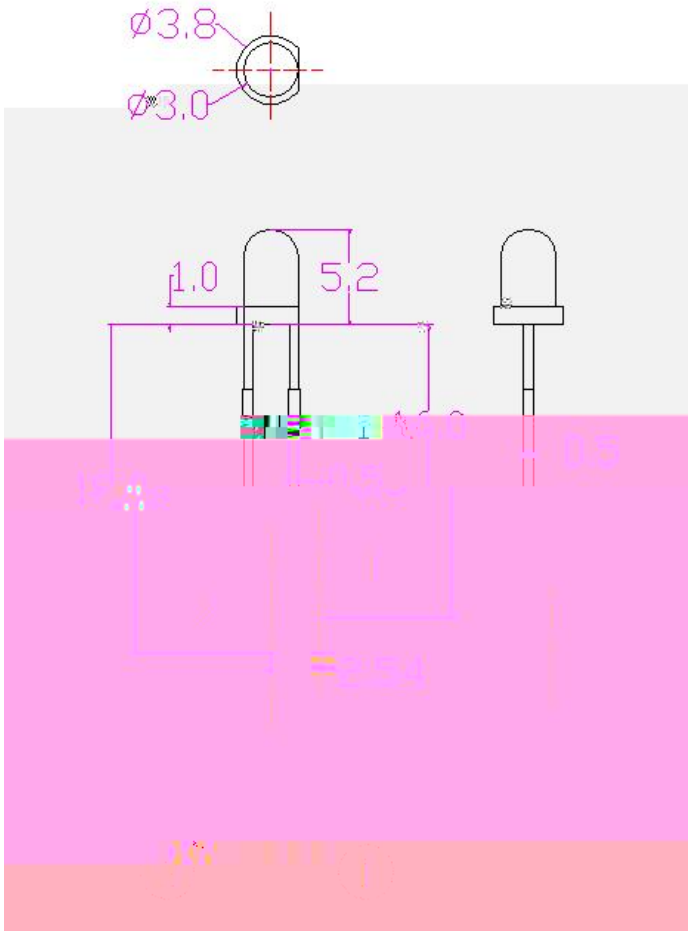

25±5 /Note If not otherwise indicated the test environment temp erature is 25±5

## 可靠性试验

**Reliability Test Items And Conditions**

| Class | Test item | Testing environment | Testing time | Qty | Failqty |
|---|---|---|---|---|---|
| Endurance test | Working life | Ta=25 ±5 ,IF=20mA | 1000hrs | 22 PCS | 0/1 |

# 外形尺寸




(Note)

1.

Dimensions are in millimeters.

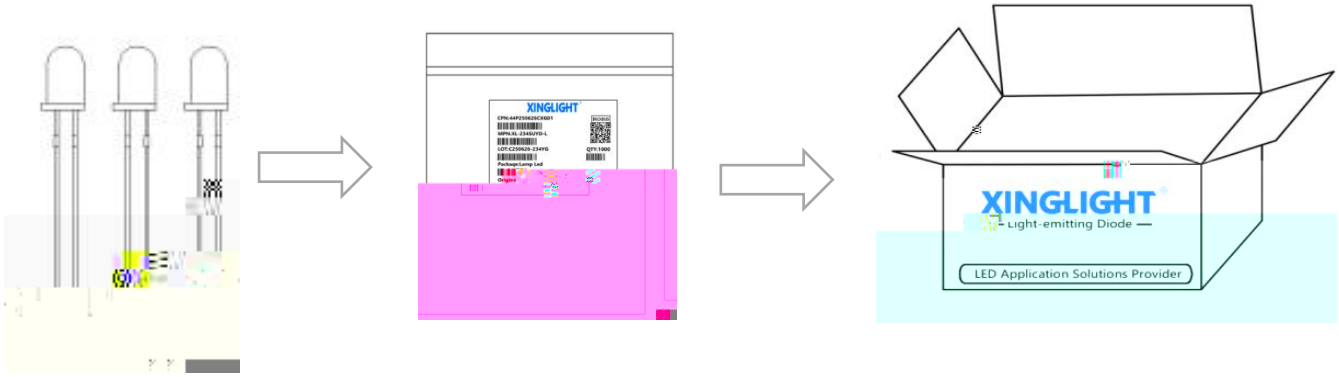
2. ± 0.50mm .

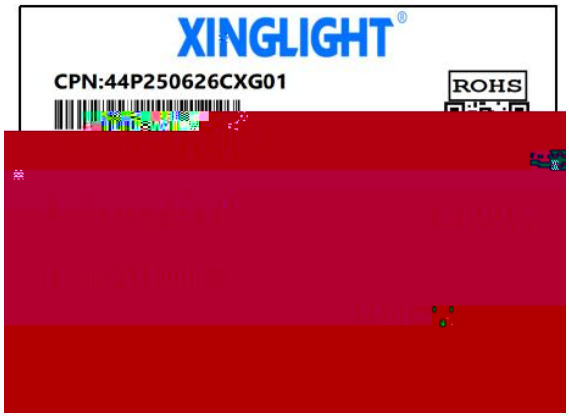
Tolerances unless mentioned are ± 0.50mm.

## 包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag





## 使用注意事項（ ）

1.
LED LED

This LED can be used in some ordinary electronic equipment, such as office equipment, communication equipment, house decoration, if LED is used in some h

使用注意事项（ ）