XL-234SYGC-L 234 技术数据表

# 目录

Catalogue

Catalogue

## 电性参数

| | | | |
|---|---|---|---|
| | | | |
| Max Continuous Forward Current | IF | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Luminous Intensity | Iv | 50 | / | 100 | mcd | IF=20mA |
| Dominant Wave Length | λd | 565 | / | 575 | nm | IF=20mA |
| Peak Wave Length | λp | / | 570 | / | nm | IF=20mA |
| Forward Voltage | VF | 2.0 | 2.4 | 2.6 | V | IF=20mA |
| Viewing Angle | 2Ø1/2 | / | 110 | / | deg | IF=20mA |
| Spectral Width at half height | λ | / | 15 | / | nm | pA |

**亮度分档**

：

| 代码 | 最小值 | 最大值 | 单位 | 测试条件 |
|---|---|---|---|---|
| | | | | |

**电压分档**

：

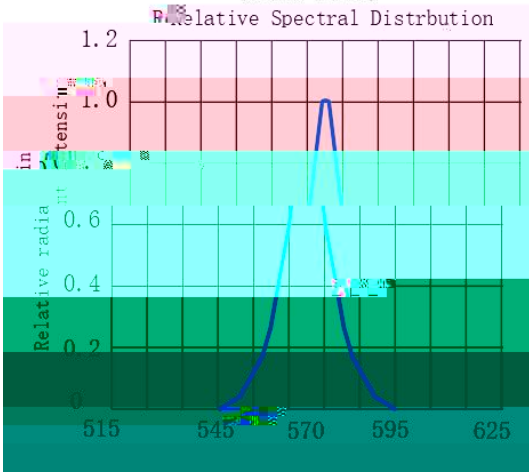
| 代码 | 最小值 | 最大值 | 单位 | 测试条件 |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

**波长分档**

# 典型特性曲线

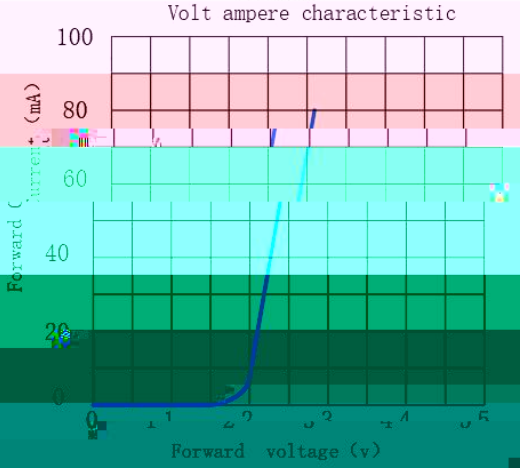
光谱分布曲线

Relative Spectral Distrbution



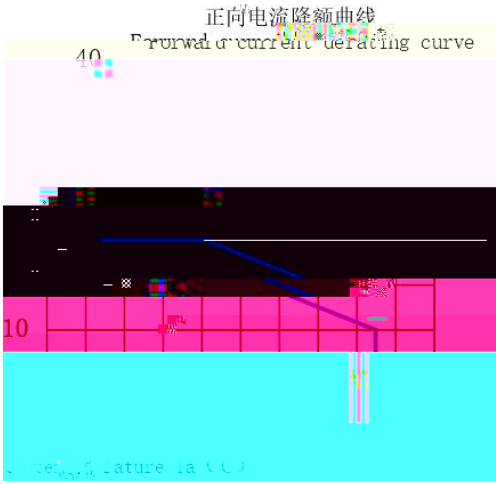

伏安特性

Volt ampere characteristic



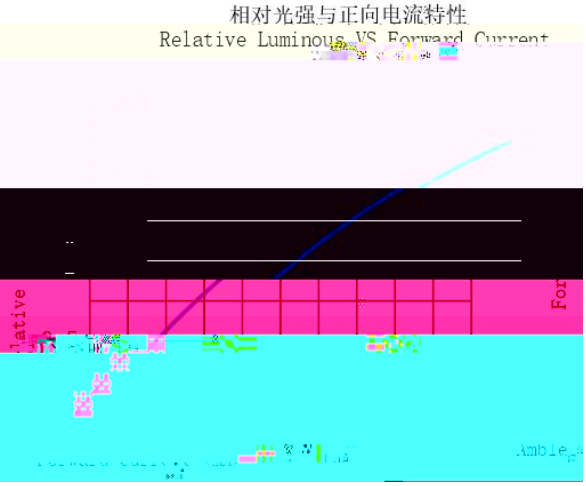

正向电流降额曲线

Forward current derating curve



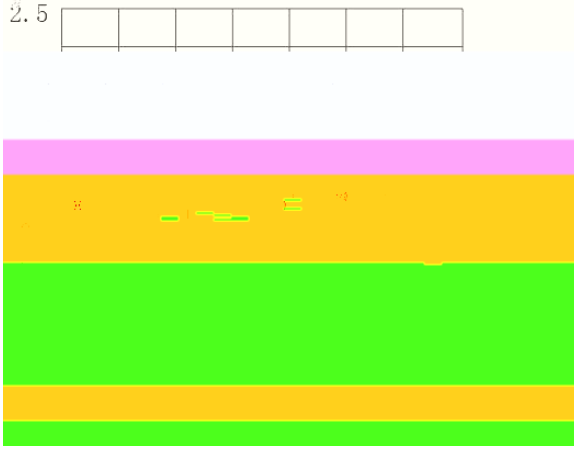

相对光强与正向电流特性

Relative Luminous VS Forward Current



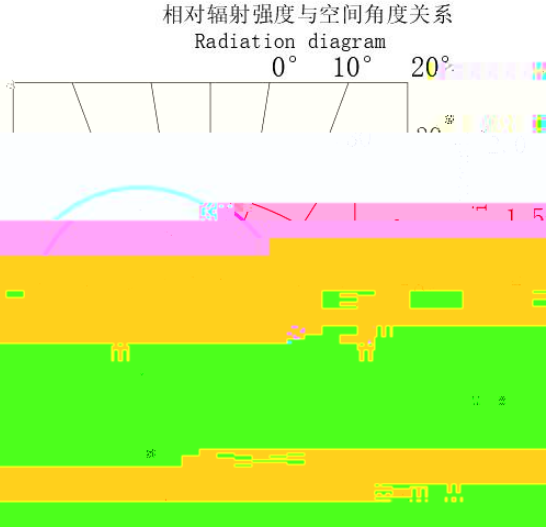
光强与环境温度曲线

Luminous Intensity VS Ambient Temperature




相对辐射强度与空间角度关系

Radiation diagram

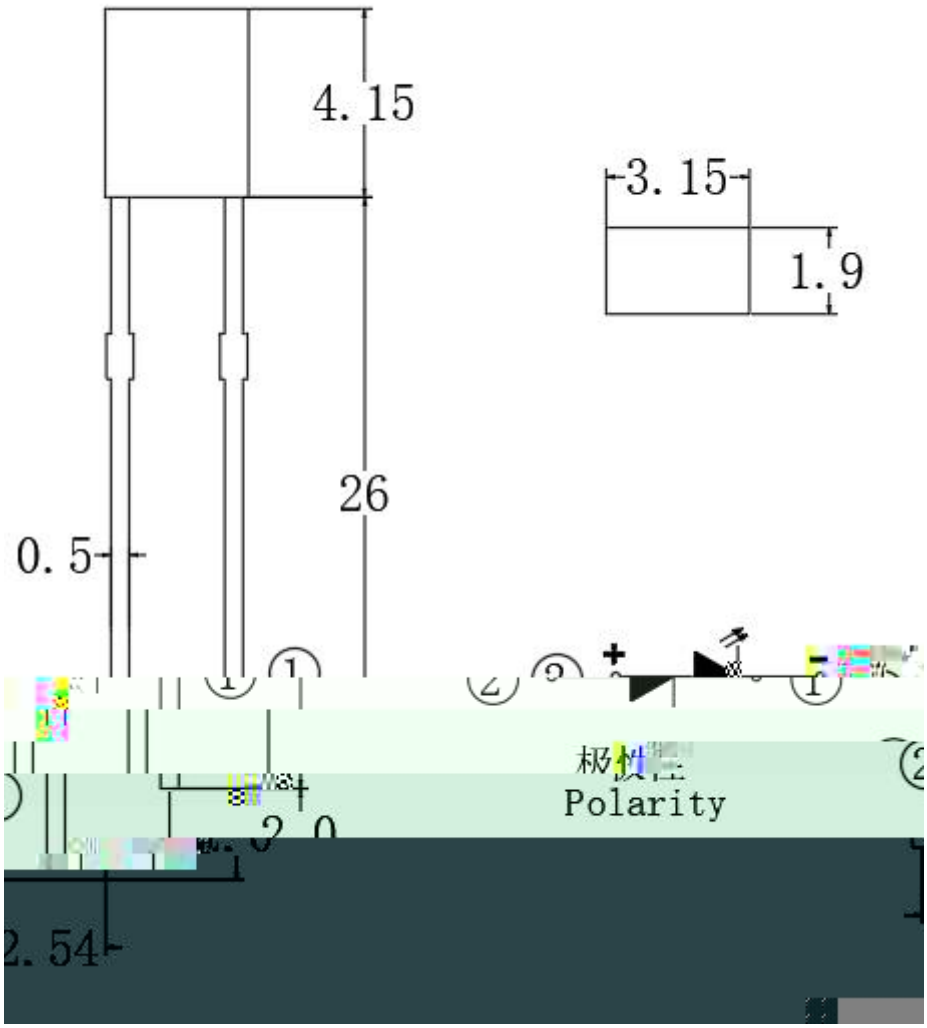


# 可靠性试验

## Reliability Test Items And Conditions

| | | | | | |
|---|---|---|---|---|---|
| Endurance test | Working life | Ta=25 ±5 ,IF=20mA | 1000hrs | 22 PCS | 0/1 |
| | High temperature and high humidity experiment | Ta= 85±5 , RH= 85 90% | 1000hrs | 22 PCS | 0/1 |
| | High-temperature storage | Ta= 85±5 | 1000hrs | 22 PCS | 0/1 |
| | Low temperature storage | Ta= -40±5 | 1000hrs | 22 PCS | 0/1 |
| Environmental testing | Cold and hot cycle | 100 ±5 30mins 5mins -40 ±5 30mins | 100 Circles | 22 PCS | 0/1 |
| | Hot and cold impact | 105 ±5 5mins -45 ±5 5mins | 100 Circles | 22 PCS | 0/1 |
| Mechanical Test | Resistance to Soldering Heat | T.sol= 250 ± 5 | 2times | 22 PCS | 0/1 |
| | Lead Integrity | Load 2.5N(0.25kgf) 0°~ 90° ~0° | 3times | 22 PCS | 0/1 |

# 外形尺寸

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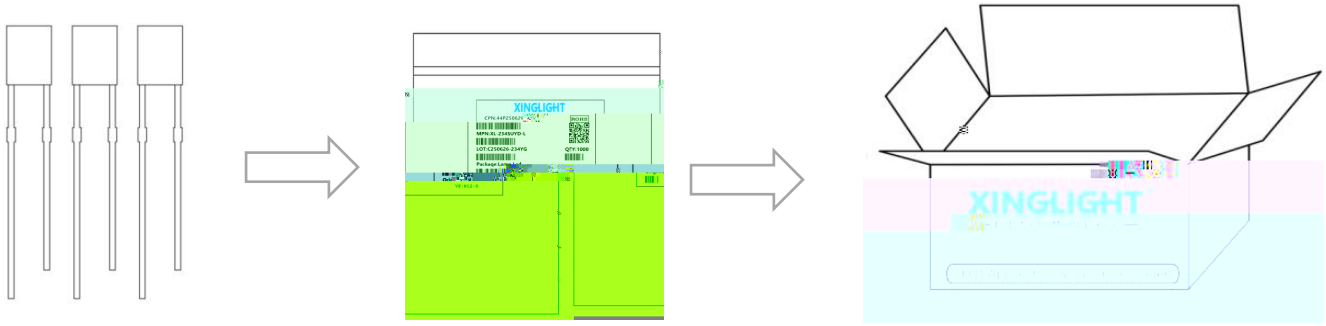
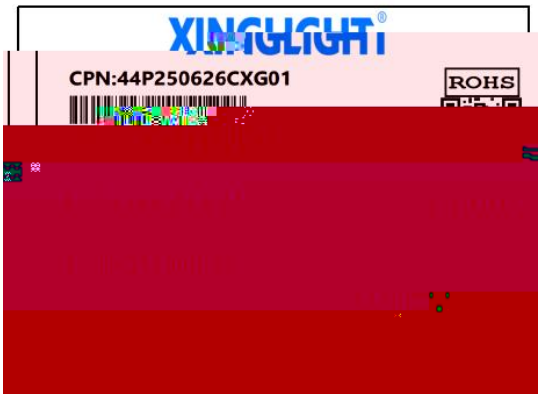
# 包装




1000PCS/Bag



## 使用注意事项（ ）

LED

使用注意事项（

（使用注意事项）

5.

LED

LED

## 使用注意事项（ ）

**8、其他事项：**

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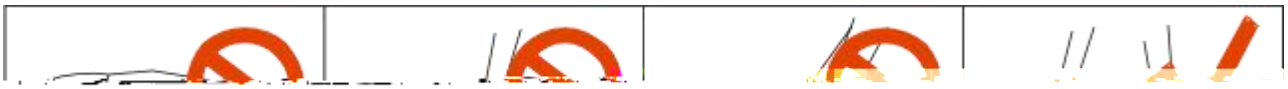

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