XL-2520HIRC/T 技术数据表 Technical Data Sheet

## 2520红外发射850 直插小蝴蝶

## 特点（characteristic）：

L/W/H :2.1*2.3*2.6*Ø1.8mm

Appearance dimension (L / w / h): 2.1*2.3*2.6*Ø1.8mm

Color and colloid: infrared 850nm / transparent colloid

ROHS

Environmental protection products meet ROHS requirements

Moisture sensitivity level MSL : 2 levels

EIA

EIA standard packaging

Long operating life

Reduced maintenance costs

High energy efficiency, fast startup PP

## 应用领域（product application）

Medical equipment: endoscope, blood oximeter

Infrared remote controller

Camera monitoring head

Industrial control: counters, thermal imaging, smart meter

Infrared photoelectric switch

Wireless communication and si

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## 电性参数

**Electrical Characteristics**

**Initial Electrical Optical Characteristics Ta=25**

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test conf nf |
|---|---|---|---|---|---|---|

**radiation intensity**

| Code | Min | Max | unit | Test conditions |
|---|---|---|---|---|
| P1-3 | 8 | 15 | mW/Sr | IF=20mA |

**电压分档:**
**Voltage grading:**

| 代码<br>Code | 最小值<br>Min | 最大值<br>Max | 单位<br>Unit | [illegible]<br>Test conditions |
|---|---|---|---|---|
| N11-1 | 1.3 | 1.5 | V | IF=20mA |
| N11-2 | 1.5 | 1.7 | | |

**[illegible]:**
**Wavelength grading:**

| 代码<br>Code | 最小值<br>Min | 最大值<br>Max | 单位<br>Unit | 测试条件<br>Test conditions |
|---|---|---|---|---|
| TR02 | 830 | 840 | nm | IF=20mA |
| TR03 | 840 | 850 | | |
| TR04 | 850 | 860 | | |
| TR05 | 860 | 870 | | |

# 典型特性曲线

## Typical Characteristics Curves

Fig.1 Relative Intensity vs. Wavelength

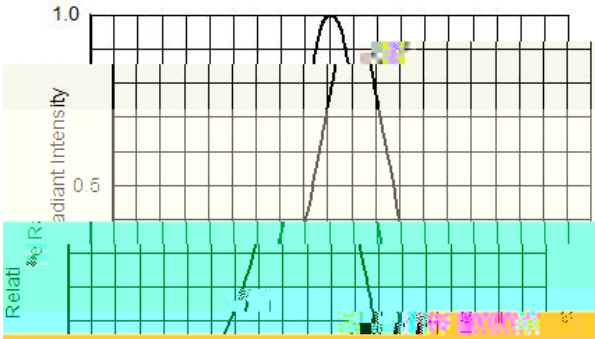
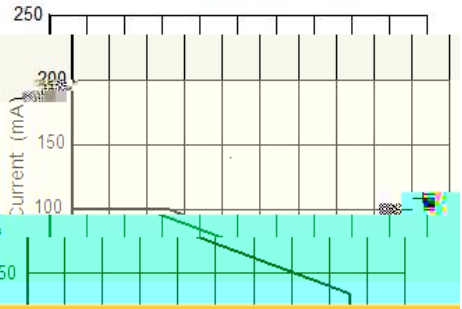
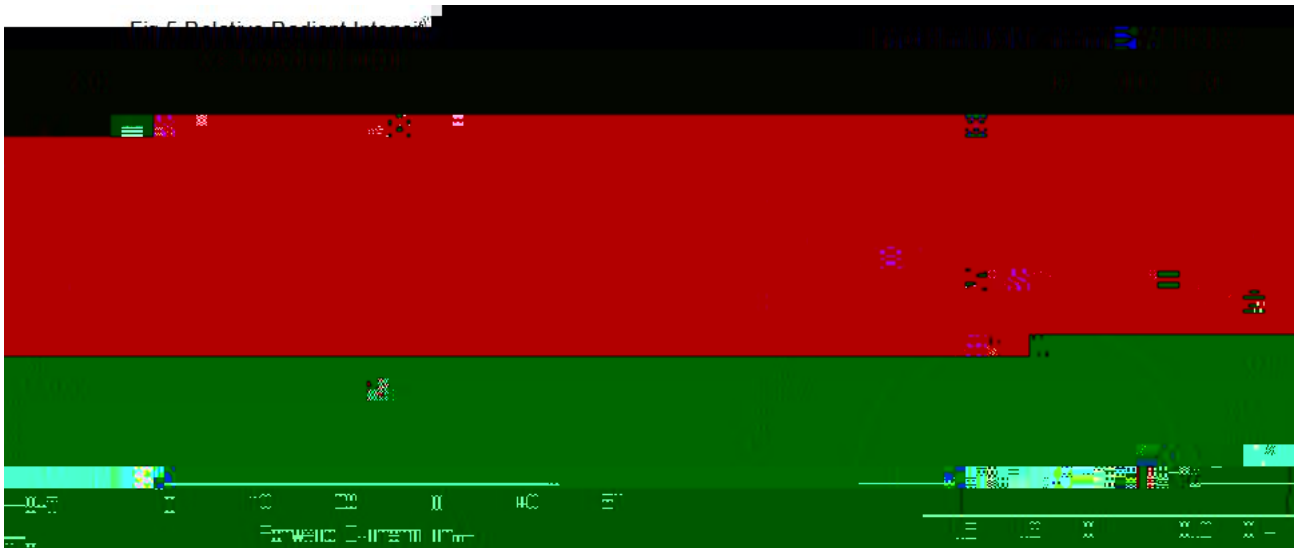



Fig.2 Forward Current vs.AmbientTemperature





# 包装

**Packaging**

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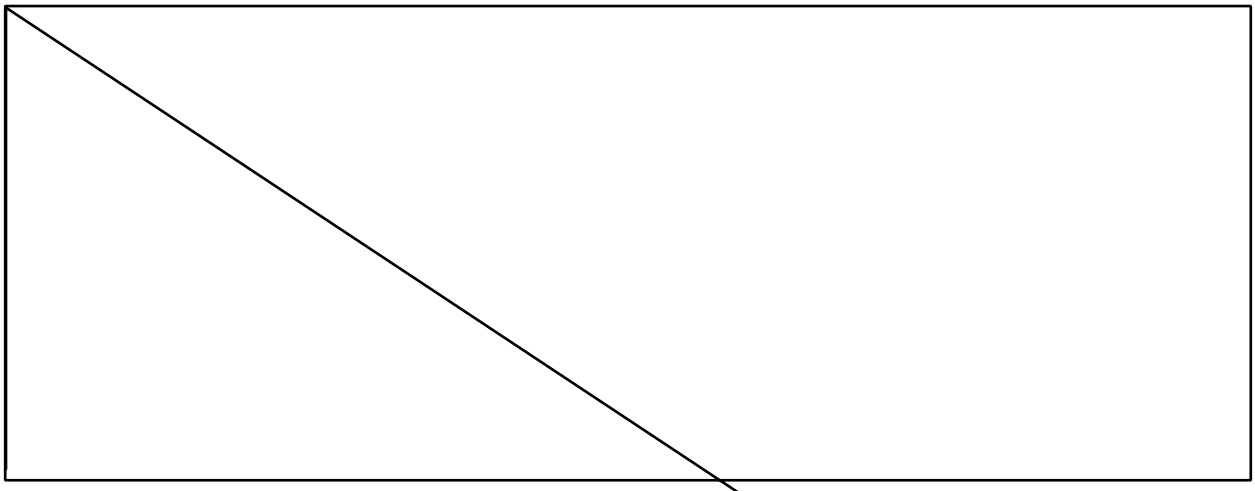
In Bags

*

Moisture Proof and Anti-Electrostatic Foil Bag



# 焊接指导

The wave peak welding curve is recommended :

Note

1

Lead solder temperature profile

2

Suggest one wave soldering frequency

3 LED

When soldering, do not put stress on the LED during hea

# 使用注意事项（1）

## Precautions (1)

**1. 贮存：**

**Storage**

Moisture proof

# Part