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

目录
Catalogue

Electrical Characteristics.....3

Typical Characteristic Curves.....6

Outline Dimensions.....7

Packaging..... 8

Precautions..... 9

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

[illegible]:
Wavelength grading:

代码 Code	最小值 Min	最大值 Max	单位 Unit	测试条件 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

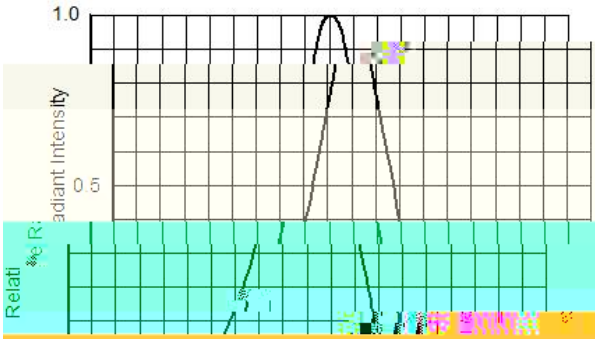
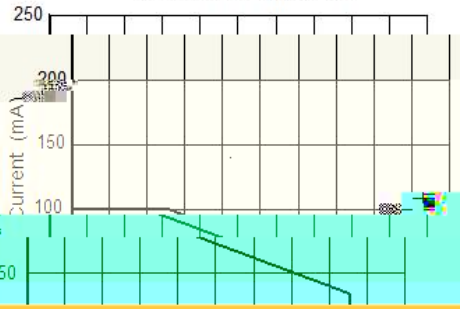
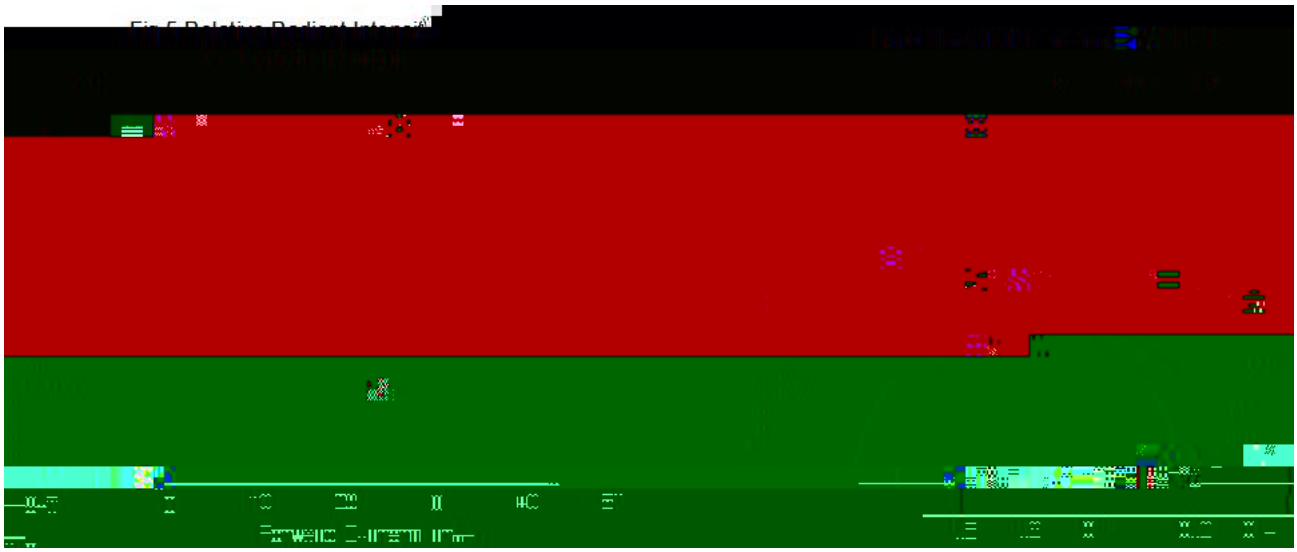


Fig.2 Forward Current vs.AmbientTemperature





包装

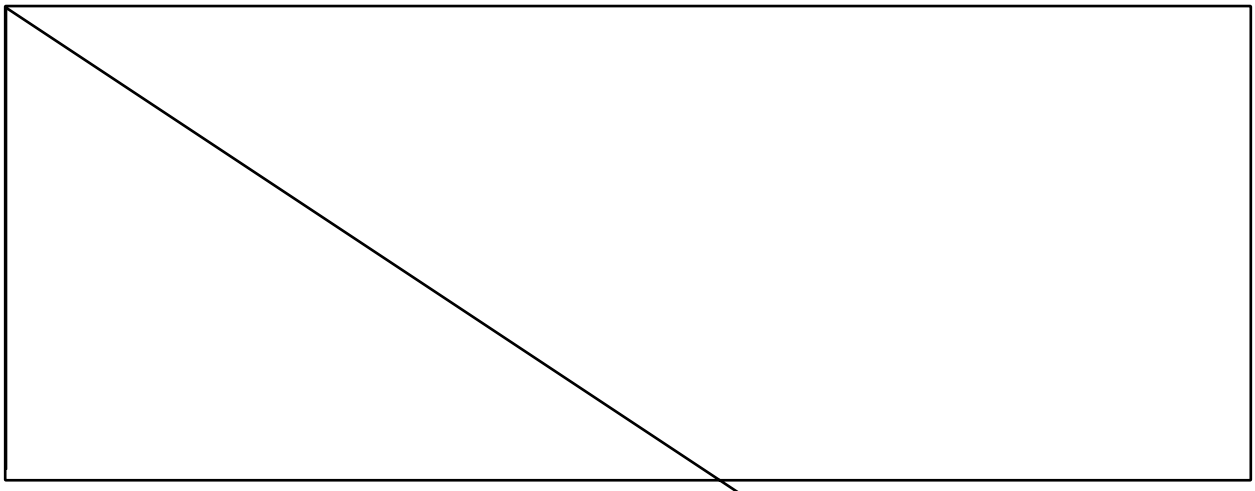
Packaging

*

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