技术数据表

特点（ ）：

* L/W/H :6.4*3.9*1.2 mm

Outline Dimensions (L / w / h): 6.4x 3.9 x 1.2mm

* : /

Luminous color and colloid: infrared receiver tube /transparent colloid

* ROHS

Environmental protection products Complied With ROHS Directive

* MSL :3

Moisture sensitivity level MSL : 3 levels

* EIA

EIA standard packaging

*

High energy efficiency, fast startup

应用领域（ ）：

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Medical equipment

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Infrared remote controller

*

Camera monitoring head

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Industrial control: counters, thermal

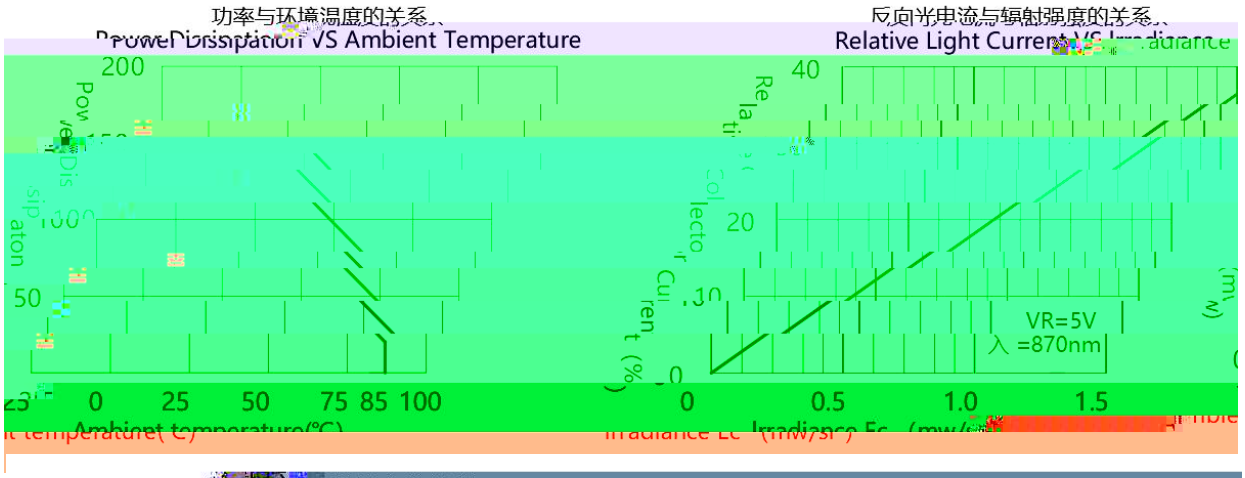
目录

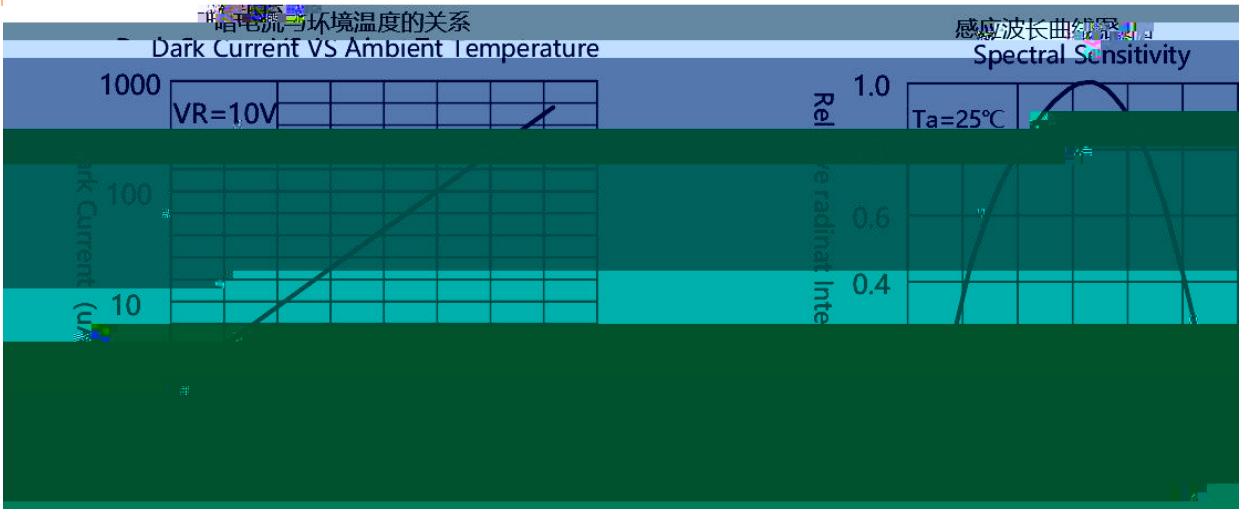
Catalogue

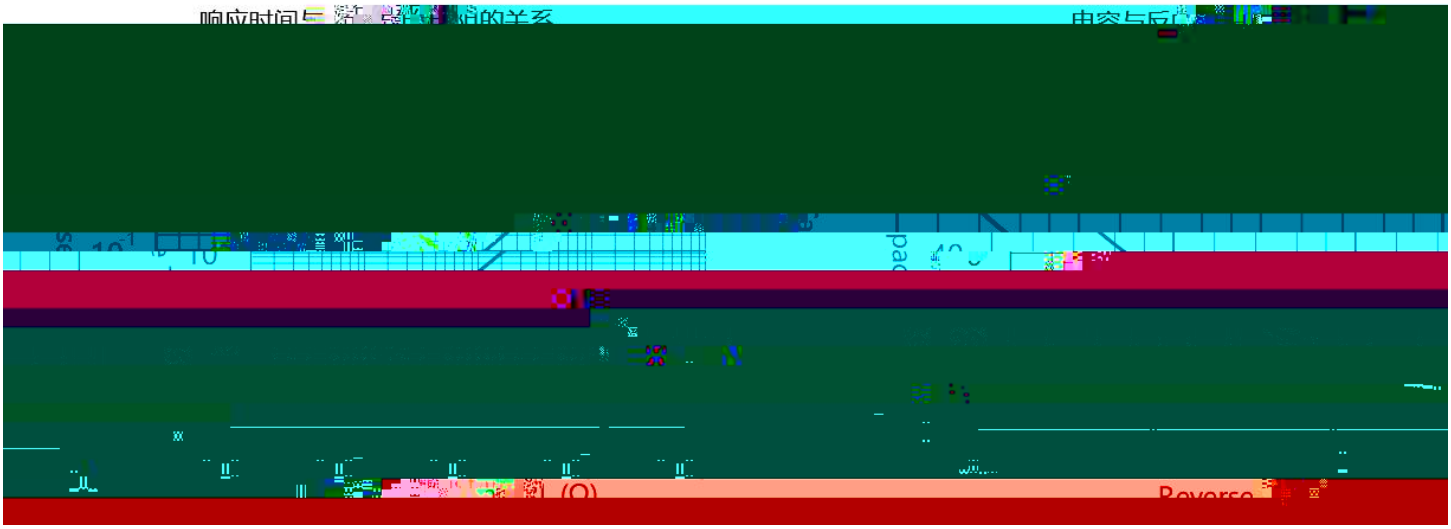
电性参数

Power consumption	Pd	150	mW
Reverse Voltage	VR	32	V
Operating ambient temperature	Topr	-20°C ~ +85°C	
Storage			

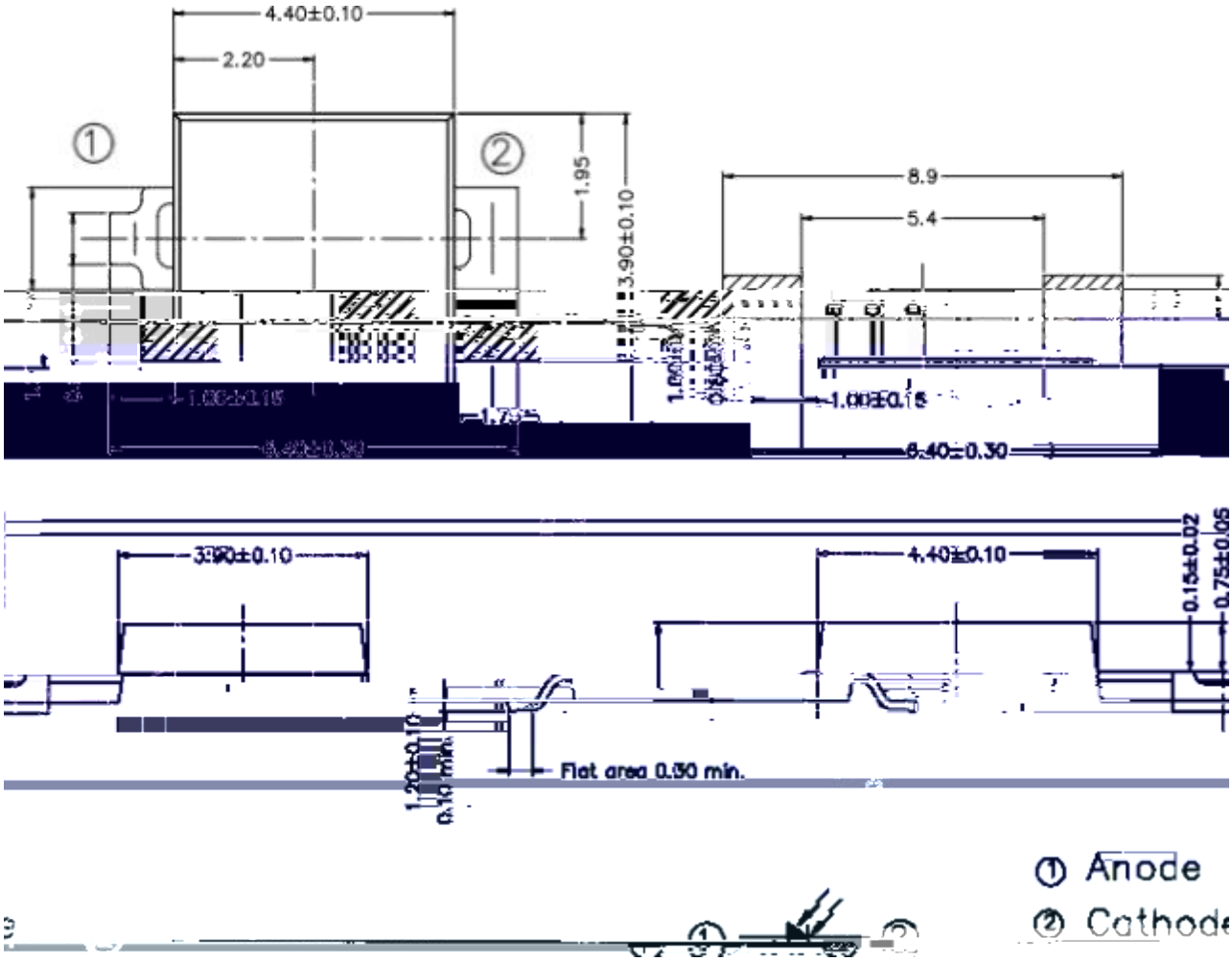
典型特性曲线


功率与环境温度的关系
Power Dissipation VS Ambient Temperature
200
50
0
25
50
75
85
100
反向光电流与辐射强度的关系
Relative Light Current VS Irradiance
40
20
0
0.5
1.0
1.5
VR=5V
入 =870nm


暗电流与环境温度的关系
Dark Current VS Ambient Temperature
1000
100
10
VR=10V
感应波长曲线图
Spectral Sensitivity
1.0
0.6
0.4
Ta=25℃



外形尺寸



(Note)

1.

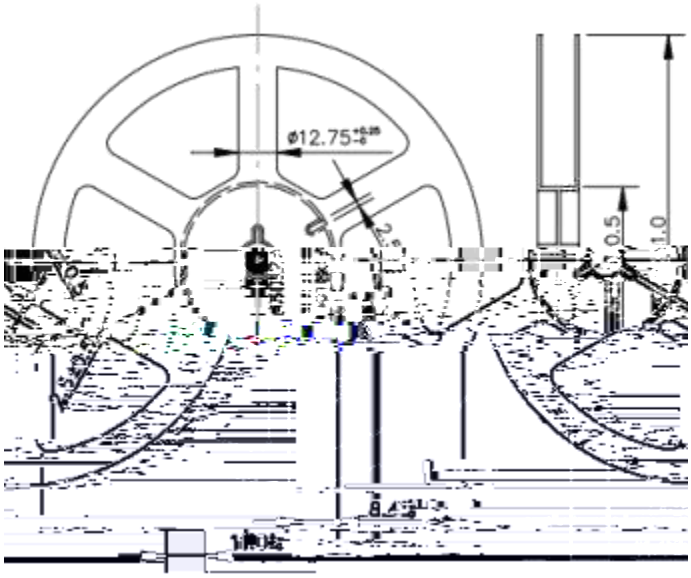
Dimensions are in millimeters

2. ± 0.30mm

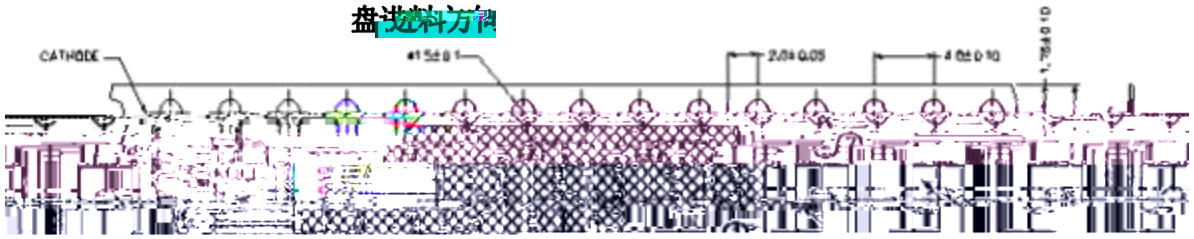
Tolerances unless mentioned are ± 0.30mm

包装（ ）

载带与圆盘尺寸



盘进料方向



:

1. (mm)

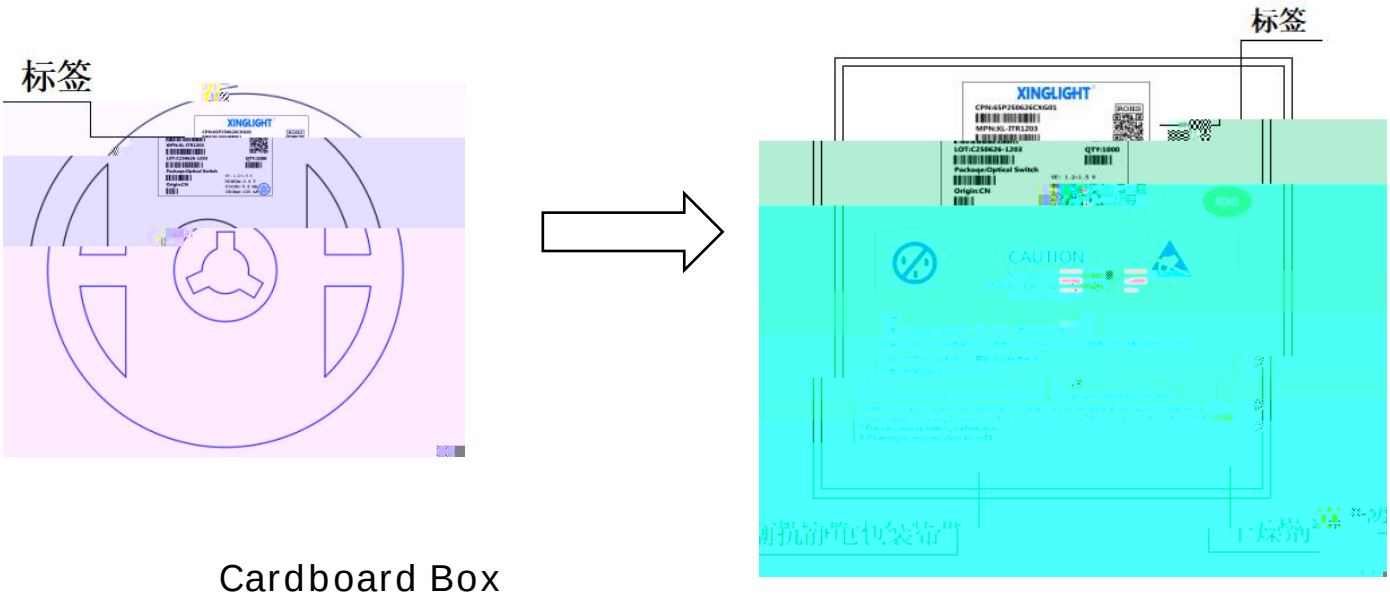
1. Size unit is mm (mm).

2. ±0.1mm

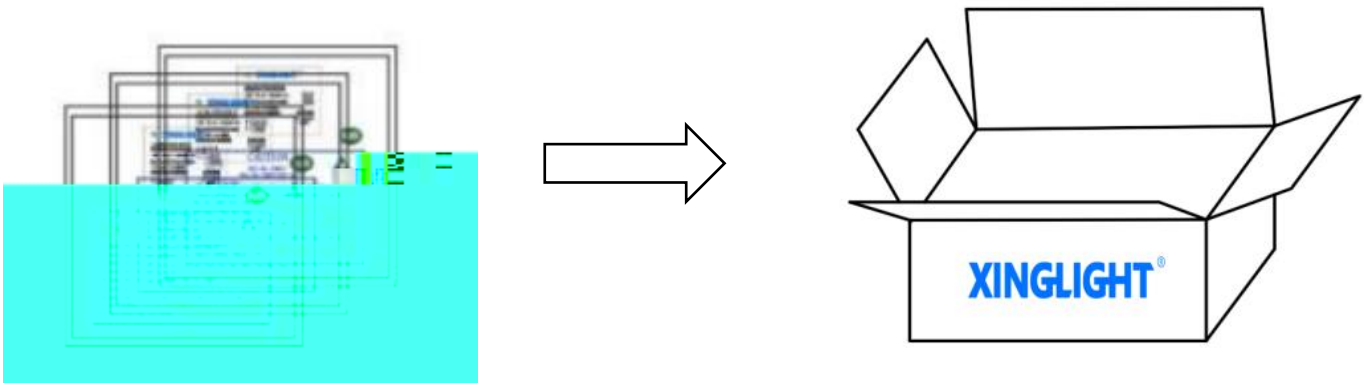
The dimensional tolerance is ± 0.1mm.

包装（ ）

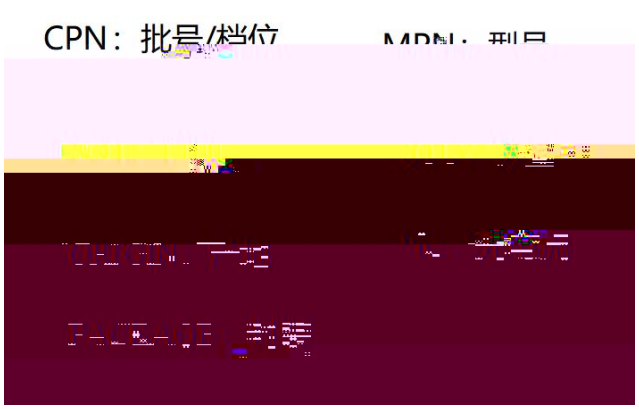
Moisture Proof and Antti-Electrostic Foil Bag



Cardboard Box



Label Expantion



使用注意事项（1）

Precautions (1)

300 3 25W

Each terminal is to go to the tip of soldering iron temperature less than 300 for 3 seconds within once in less than the soldering iron capacity 25W. Leave two seconds and more intervals, and

使用注意事项（2）

Precautions (2)

1. 贮存

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Moisture proof and anti-electrostatic package with moisture absorbent material is used, to keep moisture to a minimum.

. 30 60%RH

Before opening the package, the product should be kept at 30 or less and humidity less than 60% RH, and be used within a year.

. 30 10%RH 168 7

; 30 40%RH

After opening the package, the product should be stored at 30 or less and humidity less than 40%RH, and be soldered within 168 hours (7day). And it should be welded as soon as possible after the patch.It is recommended that the product be operated at the workshop condition of 30 or less and humidity less than 40%RH.

. LED

60±5 24

If the moisture absorbent material has fade away or the LEDs have exceeded the storage time, baking treatment should be performed based on the following condition: (60±5) for 24 hours.

静电

LED 1 100V

Static electricity or surge voltage damages the LEDs. Damaged LEDs will show some unusual characteristic such as the forward voltage becomes lower, or the LEDs do not light at the low current. even not light.
All devices, equipment and machinery must be properly grounded. At the same time, it is recommended that wrist bands or anti-electrostatic gloves, anti-electrostatic containers be used when dealing with the LEDs.Using ordinary plastic products are strictly prohibited.It is recommended to use ion fans to suppress the static electricity generation during the operation.The static field voltage is less than 100V within the ambient range of 1 foot distance from the LED element.

使用注意事项（3）

Precautions (3)

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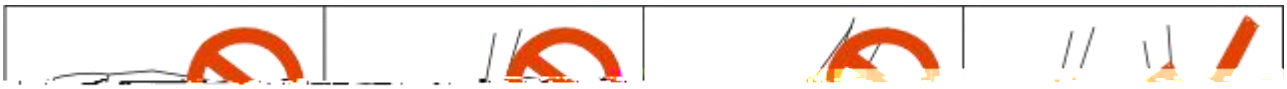
*When handling the product, touching the encapsulant with bare hands will not only contaminate its surface, but also affect on its optical characteristics. Excessive force to the encapsulant might result in catastrophic failure of the LEDs due to die breakage or wire deformation. For this reason, please do not put excessive stress on LEDs, especially when the LEDs are heated such as during Reflow Soldering.



*LED

*The epoxy resin of encapsulant is fragile, so please avoid scratch or friction over the epoxy resin surface. While handling the product with tweezers, do not hold by the epoxy resin, be careful.