技术数据表

）：

L/W/H :4.6*4.5*2.5 mm

Outline Dimensions (L / w / h): 4.6x 4.5 x 2.5mm

* : /

Luminous color and colloid: infrared receiver tube /transparent colloid

ROHS

Environmental protection products Complied With ROHS Directive

Moisture sensitivity level MSL :3 levels

EIA

EIA standard packaging

*

High energy efficiency, fast startup

应用领域（ ）：

目录

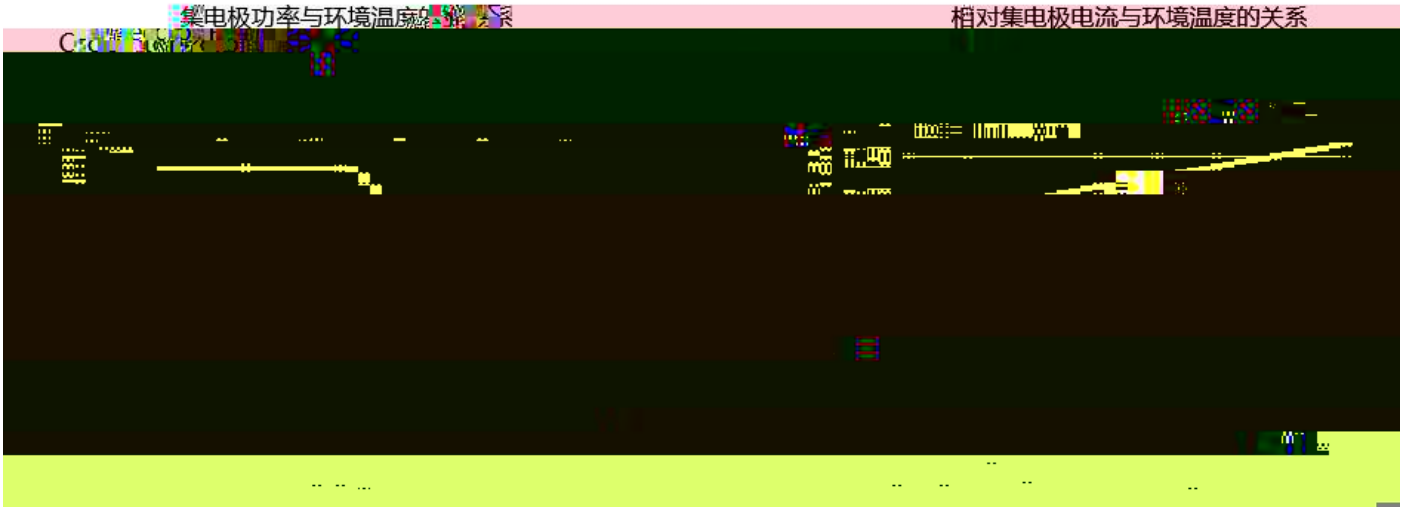
Catalogue

电性参数

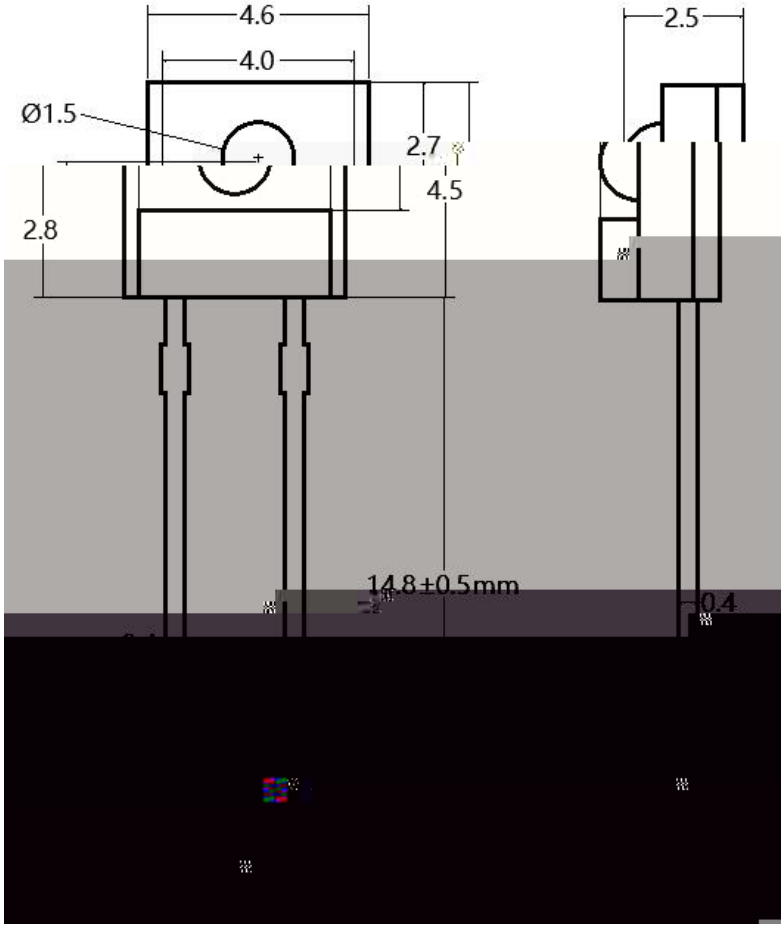
Power consumption	Pd	75	mW
	VCEO	30	V
	VECO	5	V
	IC(ON)	20	mA
Operating ambient temperature	Topr	-20ÁC ~ +85ÁC	
Storage ambient temperature	Tstg	-40ÁC ~ +85ÁC	
Welding conditions	Tsol	reflow soldering 260ÁC 6s manual welding 300ÁC 3s 2.0mm	

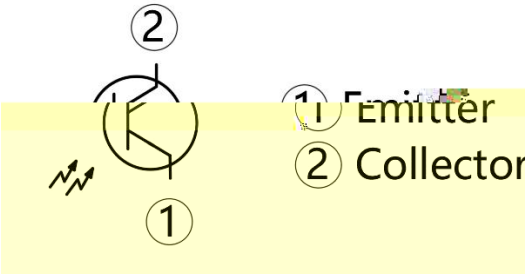
- Collector emitter breakdown voltage	Vbr ceo	30	/	/	V	IC=100εA Ee=0mW/cm2
Emitter to collector breakdown voltage	Vbr eco	5	/	/	V	IC=100εA Ee=0mW/cm2
Collector-EmitterSaturationVoltage	Vce(SAT)	/	/	0.4	V	IC=2mA Ee=1mW/cm2
Collector dark current	Io	/	/	100	nA	Ee=0mW/cm2 VCE=20V

典型特性曲线



外形尺寸





Note

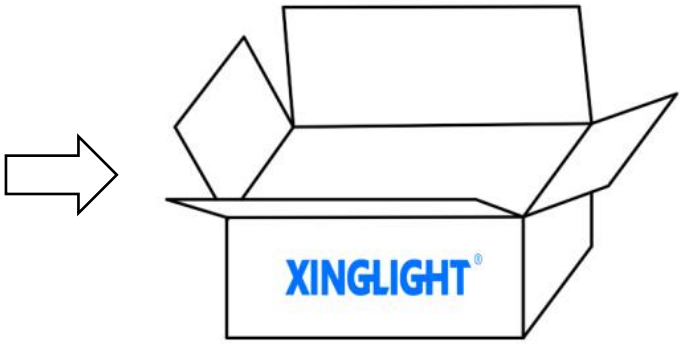
Dimensions are in millimeters

2 Ñ 030mm

Tolerances unless mentioned are Ñ 0.30mm

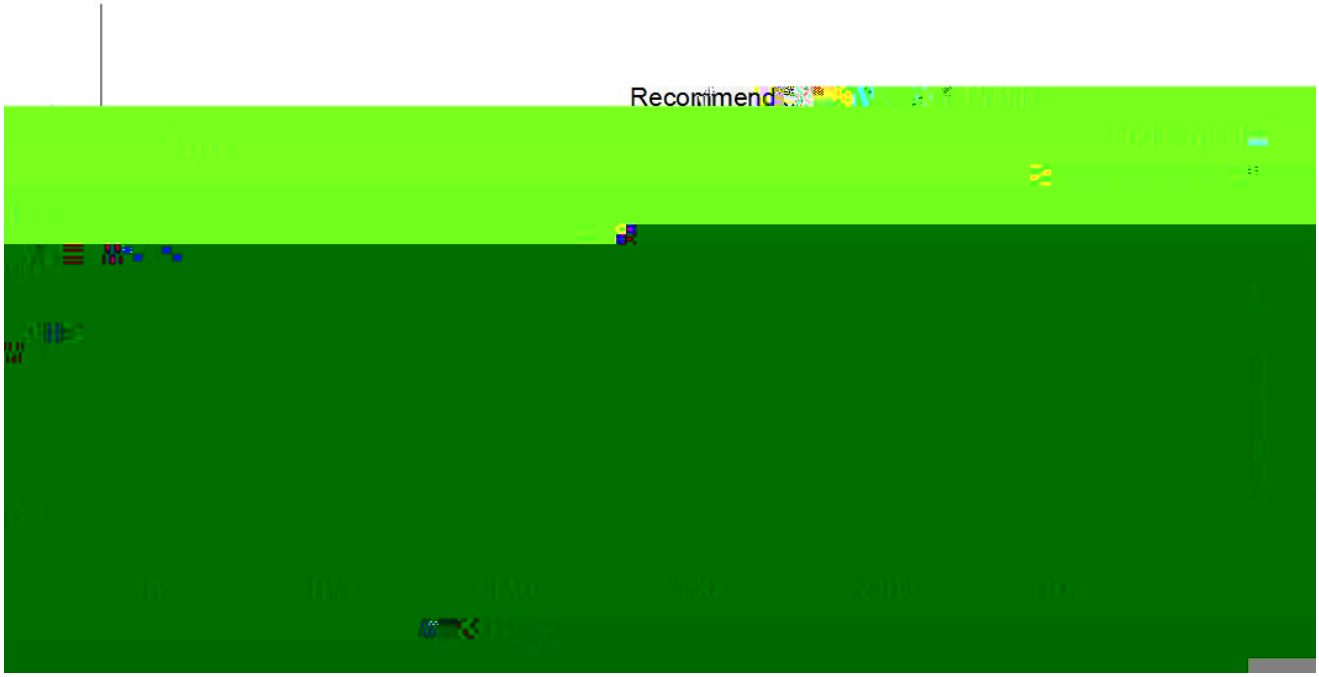
包装（ ）

Moisture Proof and Antti-Electrostic 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 heating

4

After soldering, do not warp the circuit board

5 240 /6S

The recommended maximum welding temperature for the product is 240 /6s

oldering Iron

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 do soldering of each terminal. Be careful because the damage of the product is often started at the time of the hand solder.

Repairing

LED ( )

LED

Repair should not be done after the LED have been soldered. When repairing is unavoidable, a double-head soldering iron should be used (as below figure

使用注意事项（）

1.

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 high reliability requirements, such as air transportation, traffic control and medical liao equipment, must refer to the information provided by sales.

Storage environment of LED with temperature not exceeding 30 and relative humidity not exceeding 70%.It is recommended that LDE be used in the original box for no more than three months. If longer storage time is required, put it in the drying box and add desiccant or filled with nitrogen.

Special care must be taken when cleaning colloids with chemicals, as some chemicals have damage to the colloidal surface and cause fading such as trichloroethylene, propylene, ketone, etc.It can be wiped and soaked with ethanol for no more than 3 minutes at room temperature.

1 2

It must be 2 mm from the colloid to bend the bracket.

2

Support forming must be done with fixtures or by professional.

3

Support forming must be completed before welding.

4

The pins &ri A & the same & on the circuit "o&d.

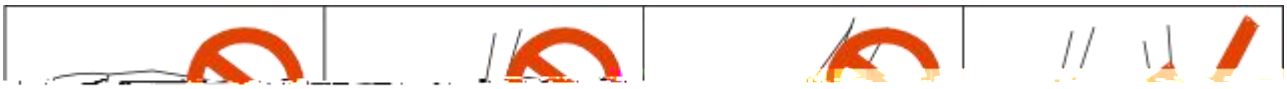
5 PCB LED

使用注意事项（ ）

（

8、其他事项：

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.