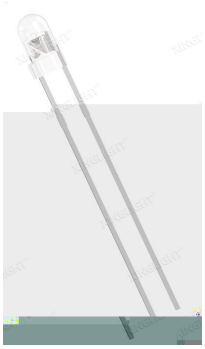
技术数据表

特点（ ）：



* :F3/3.85*3.0*5.3*28mm

Appearance dimension:F3/3.85*3.0*5.3*28mm

* : 940/

Luminous color and colloid: infrared emission 940/Transparent colloid

* ROHS

Environmental protection products Complied With ROHS Directive

* MSL :2

Moisture sensitivity level MSL : 2 levels

* EIA

EIA standard packaging

*

High energy efficiency, fast startup

应用领域：

*

Medical equipment

*

Infrared remote controller

*

Camera monitoring head

*

Industrial control: counters, thermal imaging, smart meter

*

Infrared photoelectric switch

*

Wireless communication and signal transmission

* ,

Intelligent car, robot

目录

Catalogue

电性参数

Power consumption	Pd	55	mW
Max continuous working current	IF	30	mA
Peak Forward Current	IFP	100	mA
Reverse breakdown voltage	VR	5	V
Antistatic ability	ESD	2000	
Operating Temperature	Topr	-25 +85	°C
Storage Temperature	Tstg	-40 +80	°C
Welding conditions	Tsol	reflow soldering 240°C 5s manual welding 300°C 3s 2.0mm	

* ≤0.1ms ≤1/10
* Note: Pulse width≤0.1ms, Duty≤1/10

辐射强度

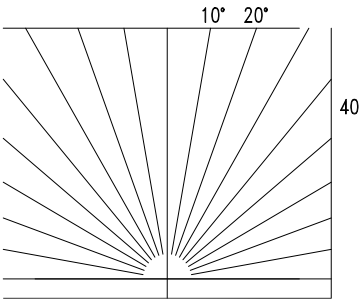
代码	最小值	最大值	单位	测试条件
P1-3	5	10	mW/Sr	IF=20mA
P1-4	10	15		

电压分档

代码			单位	测试条件
N11-1	1.3	1.5	V	IF=20mA
N11-2	1.5	1.7		

波长分档

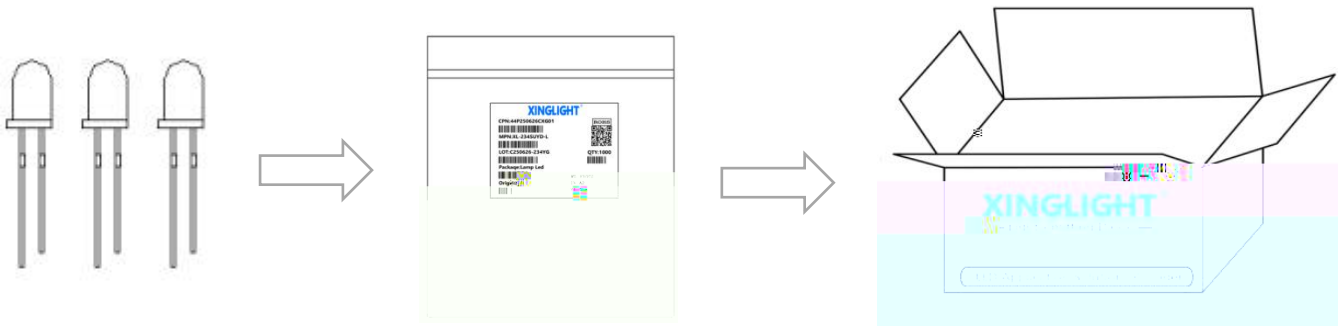
代码	最小值


10°
20°
40

包装（ ）

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag



◇ 标签说明 Label Expantion

使用注意事项（ ）

1.

LED

This LED can be used in some ordinary e
house decoration, if LED is used in som
medical liao equipment, must refer to th

LED 30 LED

Storage environment of LED with not and r not 70%.It is recommended that LDE be used i box than th ge me is require it in the drying box and add desi d with

3

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 a pr

3

Support forming must be completed before welding.

4

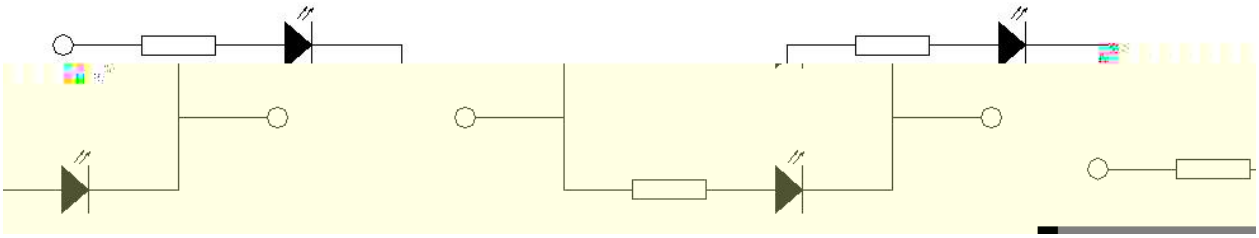
The pins and spacing are the same as on the circuit board.

5 LED PCB LED

使用注意事项（ ）

2mm LED
LED
When welding, welding must be conducted below 2mm of colloid bottom. When welding, try to avoid soaking LED colloid. After welding, avoid adding external force on the pin or shaking LED colloid.

LED LED A LED LED
In the current driving mode of LED, if LED is multiple in parallel, it is recommended to use line A and add a flow limit resistance to each LED to ensure the consistent brightness of LED.

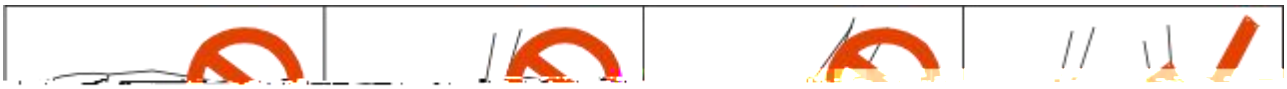


LED InGaN
HBM<1000V <100V
High increase of static electricity and current will damage LED. Use antistatic devices such as protective belts and gloves. Note: human discharge mode HBM <1000V; machine discharge mode <100V.

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