特

* : F3/3.8*3.0*5.2*28mm
Appearance dimension: F3/3.8*3.0*5.2*28mm
* : /
Luminous color and colloid: green brightness White /green colloid
* ROHS
Environmental protece t t Π ˆ ㄱ D

电性参数

Consumed power	Pd	70	mW
Max Continuous Forward Current	IF	20	mA
Peak Forward Current	IFp	80	mA
Operating ambient temperature	Topr	-20 C ~ +85 C	
Storage ambient temperature	Tstg	-40 C ~ +85 C	
Welding conditions	Tsol	reflow soldering 240°C 6s manual welding 300°C 3s 2.0mm	

Luminous Intensity	Iv	4000	6000	8000	mcd	IF=20mA
Dominant Wave Length	λd	515	/	530	nm	IF=20mA
Peak Wave Length	λp	/	525			

亮度分档

：

代码	最小值	最大值	单位	测试条件
B7	4000	5000	mcd	IF=20mA
B8	5000	6000		
B9	6000	8000		

电压分档

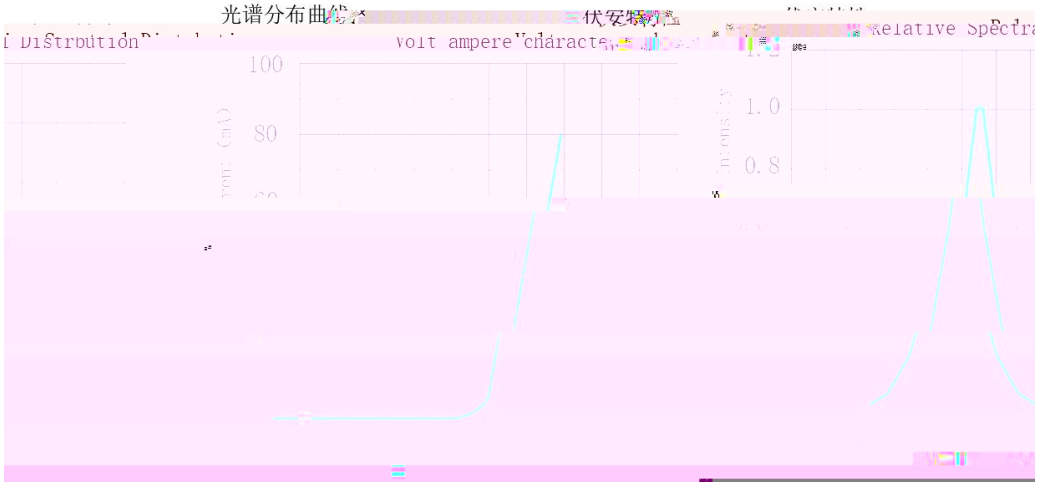
：

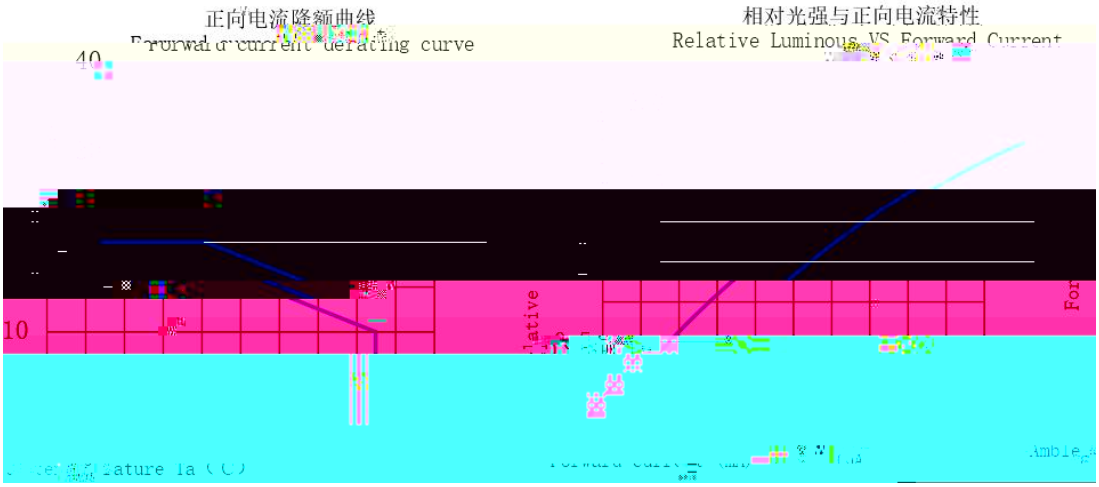
代码	最小值	最大值	单位	测试条件
N13-3	2.8	3.0	V	IF=20mA
N13-4	3.0	3.2		
N13-5	3.2	3.4		

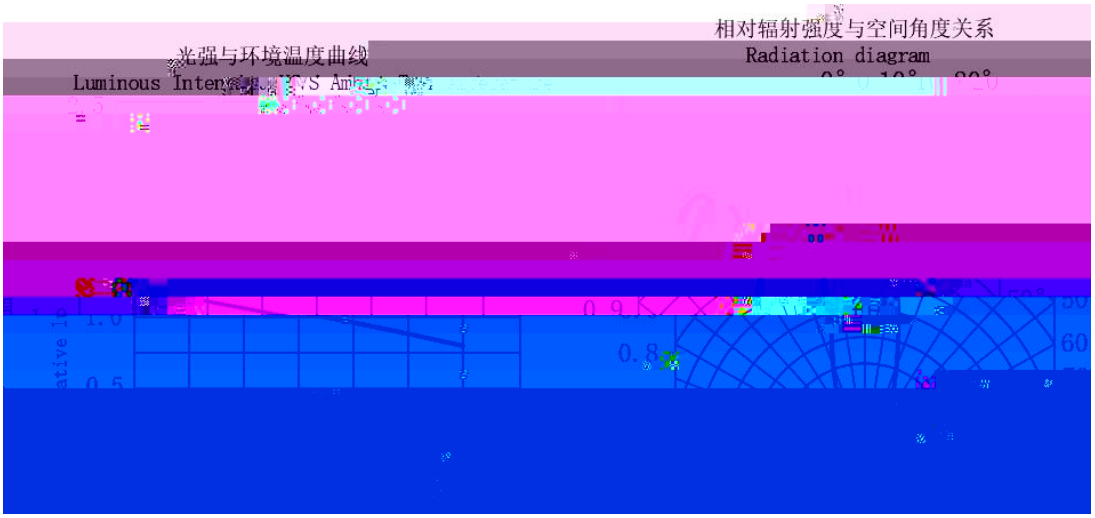
波长分档

代码	最小值	最大值	单位	测试条件

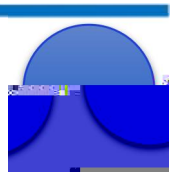
典型特性曲线



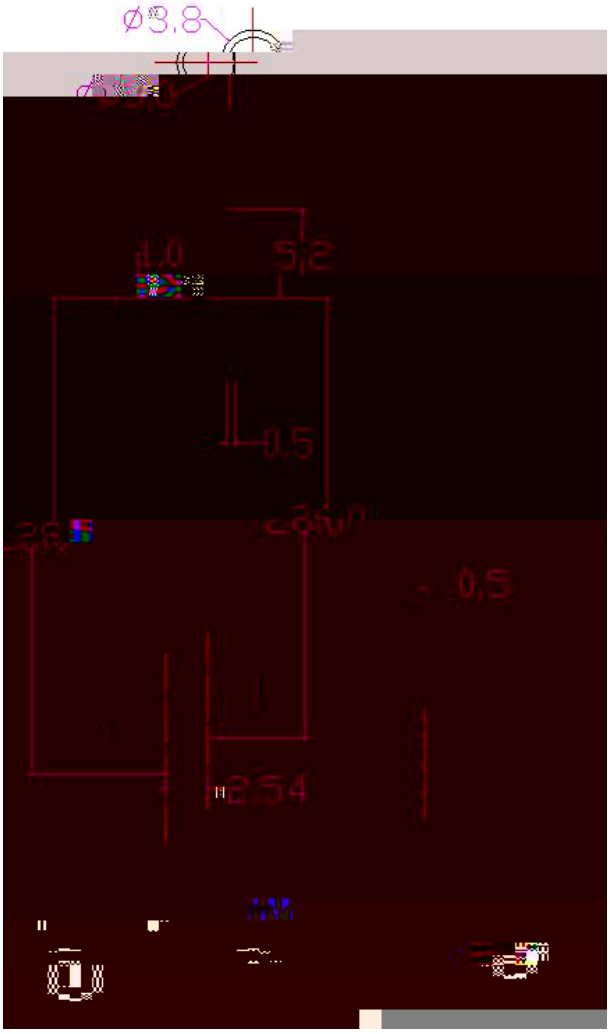




25±5 /Note If not otherwise indicated the test environment temp erature is 25±5



外形尺寸



(Note)

1.

Dimensions are in millimeters.

2. ± 0.50mm .

Tolerances unless mentioned are ± 0.50mm.

包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag

使用注意事项（1）

1.
LED 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.

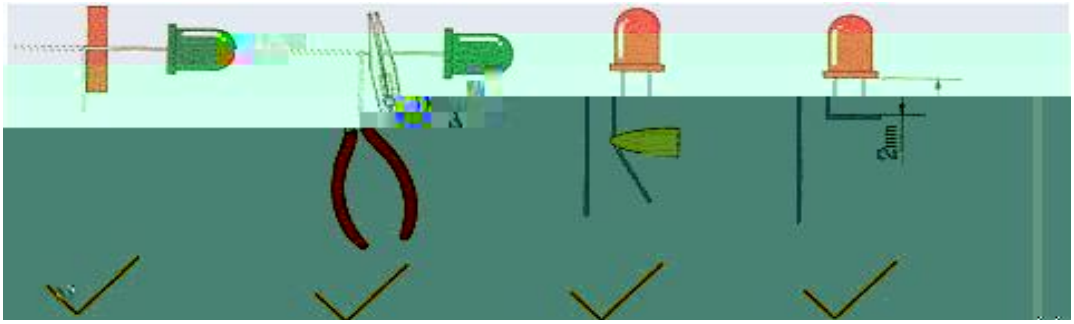
LED 30 70% LED

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.

3

Special care must be taken when cleaning collo jde with chemicals, as some chemicals have damage to the collo jde 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 collo j eIJ bend the bracket.
2
Support forming must be jnde with fixtures or by a professional.
3
Support forming must be completeĎefore welding.k
4
The pins and spacing are the same as on the circuit board.
5 LED PCB LED
Welding must be performeĎ normal tempe rature and when LED is normally welded to the PCB plate, avo j epplying E mechanical pressure at LED pins at a minimum.

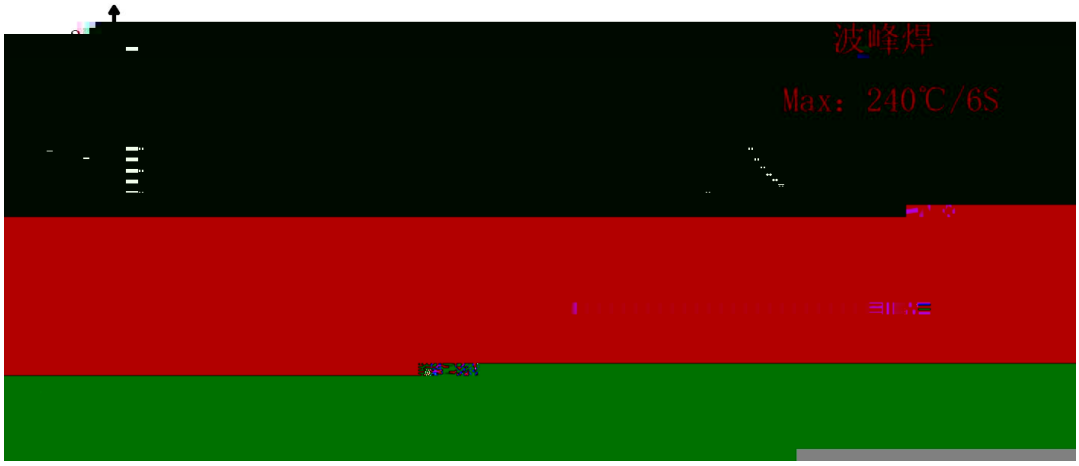


使用注意事项（2）

Precautions (2)

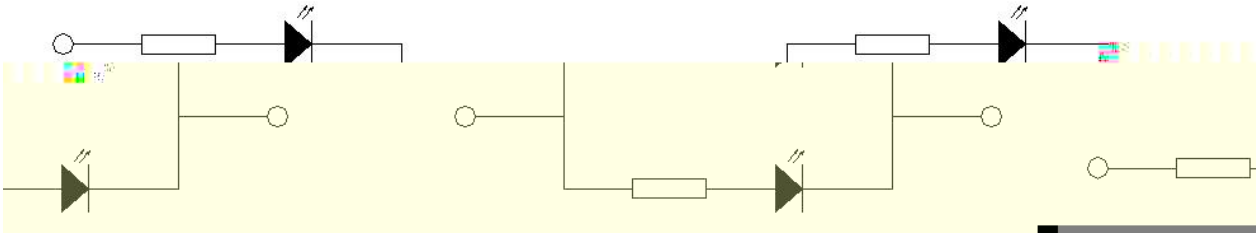
2mm LED
LED

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.