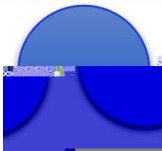


XL-504SYGC F5

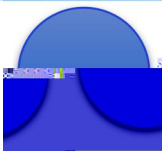
技术数据表

特点（

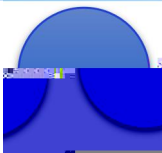


目录

Catalogue



电性参数



亮度分档

:

代码	最小值	最大值	单位	测试条件
A4	300	400	mcd	IF=20mA
A5	400	500		
A6	500	700		

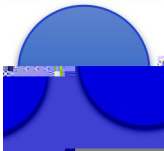
电压分档

:

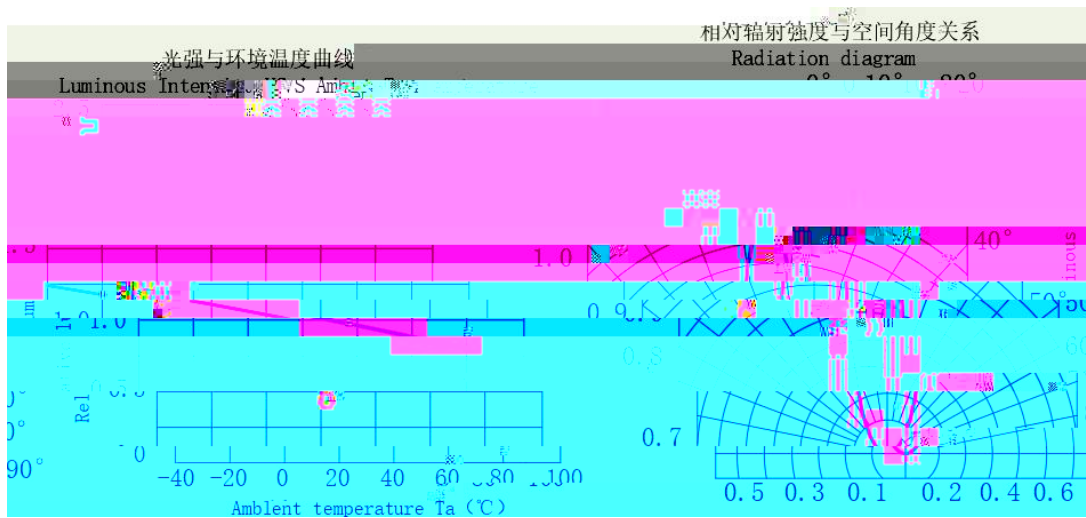
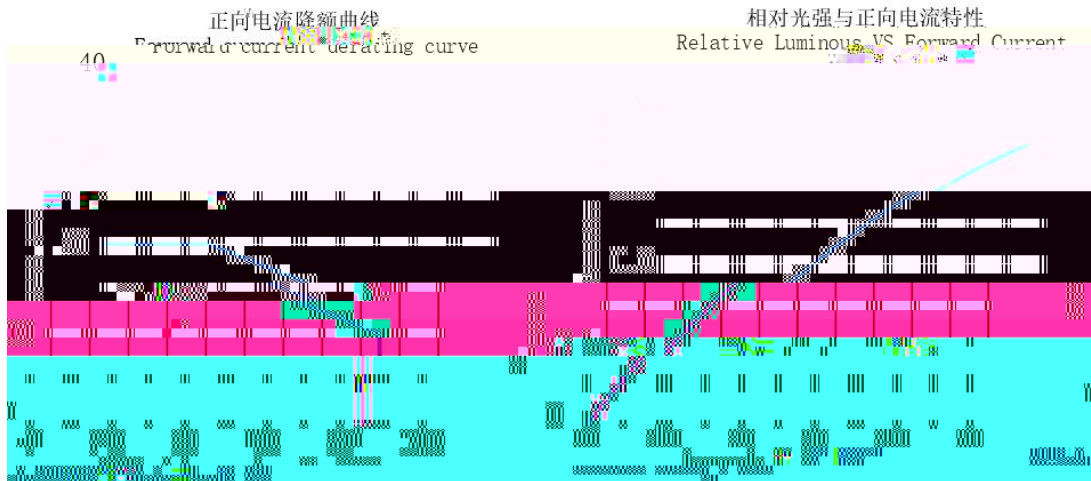
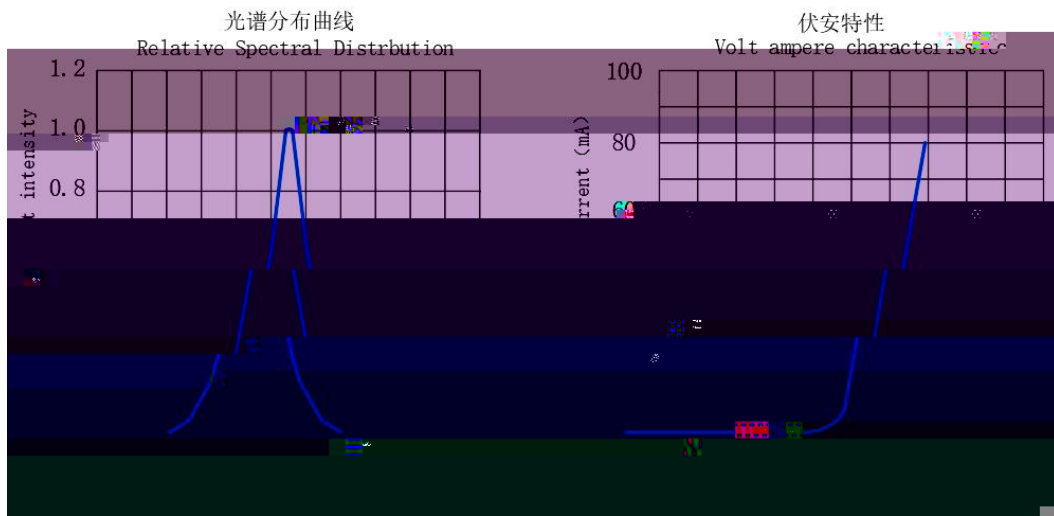
代码	最小值	最大值	单位	测试条件
N12-8	2.0	2.2	V	IF=20mA
N12-9	2.2	2.4		
N13-1	2.4	2.6		

波长分档

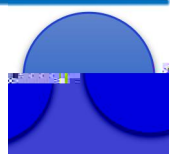
代码	最小值	最大值	单位	测试条件
HYG03	565	567.5	nm	IF=20mA
HYG04	567.5	570		
HYG05	570	572.5		
HYG06	572.5	575		



典型特性曲线



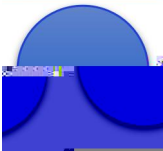
25±5 /Note If not otherwise indicated the test environment temperature is 25±5



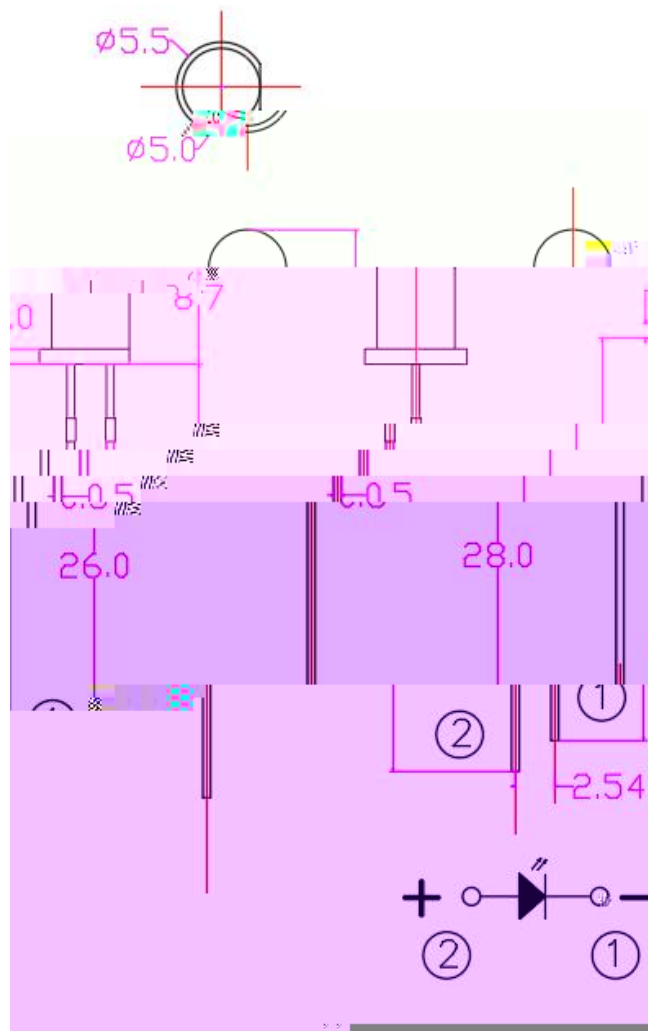
可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Fail qty
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外形尺寸



(Note)

Dimensions are in millimeters.

 ± 0.50

Tolerances unless mentioned are $\pm 0.50\text{mm}$.





使用注意事項 ()

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.

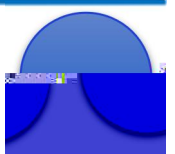
Storage environment of LED with temperature not exceeding 30 and relative humidity not exceeding 70%.It is recommended that LDE be used in the original box for no more than three months. If longer storage time is required, put it in the drying box and add desiccant or filled with nitrogen.

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 It must be 2 mm from the colloid to bend the bracket.
- 2 Support forming must be done with fixtures or by a professional.
- 3 Support forming must be completed before welding.
- 4 The pins and spacing are the same as on the circuit board.
- 5

PCB

LED



使用注意事項 ()

2mm

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

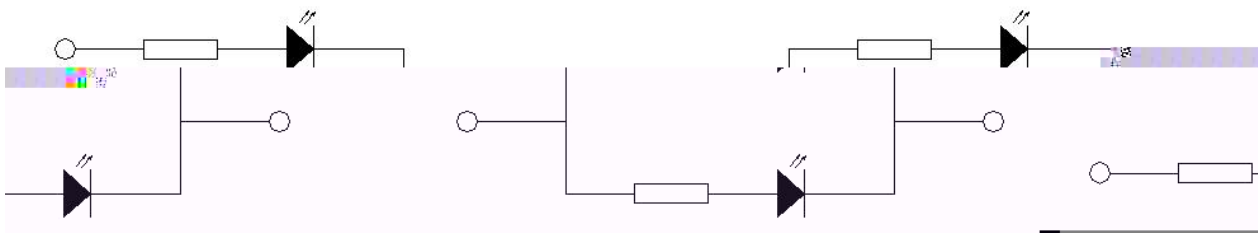
LED

A

LED

LED

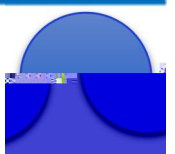
In the current driving mode of LED, if LED is multiple in parallel, it is recommended to use line A and add a flow limit resistance to each LED to ensure the consistent brightness of LED.



LED
HBM<1000V

InGaN
<100V

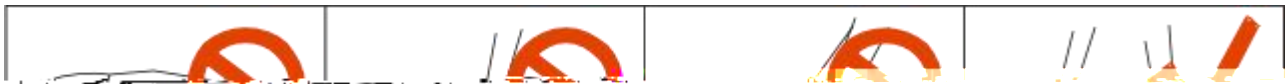
High increase of static electricity and current will damage LED. Use antistatic devices such as protective belts and gloves. Note: human discharge mode HBM <1000V; machine discharge mode <100V.



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.

9、眼睛保护忠告:

LED

LED

Viewing direct to the light emitting center of the LEDs, especially those of great Luminous Intensity, will cause great hazard to human eyes. Please be careful.

If there are any modifications to the specification