XL-DZ304SURSYGD/2 技术数据表

F3MM

特点（ ）：

* :10.0*9:0*0

电性参数

		Color.					
Luminous Intensity	Iv	R	/	500	/	mcd	IF=20mA
		YG	/	100	/		
Dominant Wave Length	λd	R	620	/	625	nm	IF=20mA
		YG	565	/	575		
Peak Wave Length	λp	R	/	625	/	nm	IF=20mA
		YG	/	570	/		
Forward Voltage	VF	R	1.8	/	2.4	V	IF=20mA
		YG	1.8	/	2.6		
Half wave width	φ∂	R/YG	/	25	/	nm	IF=20mA
Viewing Angle	2Ø1/2	R	/	45°	/	deg	IF=20mA
		YG	/	45°	/		
Reverse Current	IR	R	/	/	5	μA	VR=5V
		YG	/	/	5		

Note :

1. CIE
The luminous intensity is the simulated luminous intensity according to the response curve of human eyes to luminous intensity, which conforms to CIE (International Light Commission)

2.
The measurement of the luminous angle is the data measured when the luminous brightness is half.

3. 10%
Guaranteed error of luminous brightness is plus

亮度分档

：

代码	最小值	最大值	单位	测试条件
A1	50	100	mcd	IF=20mA
A2	100	200		
A4	300	400		
A5	400	500		
A6	500	700		
A7	700	900		

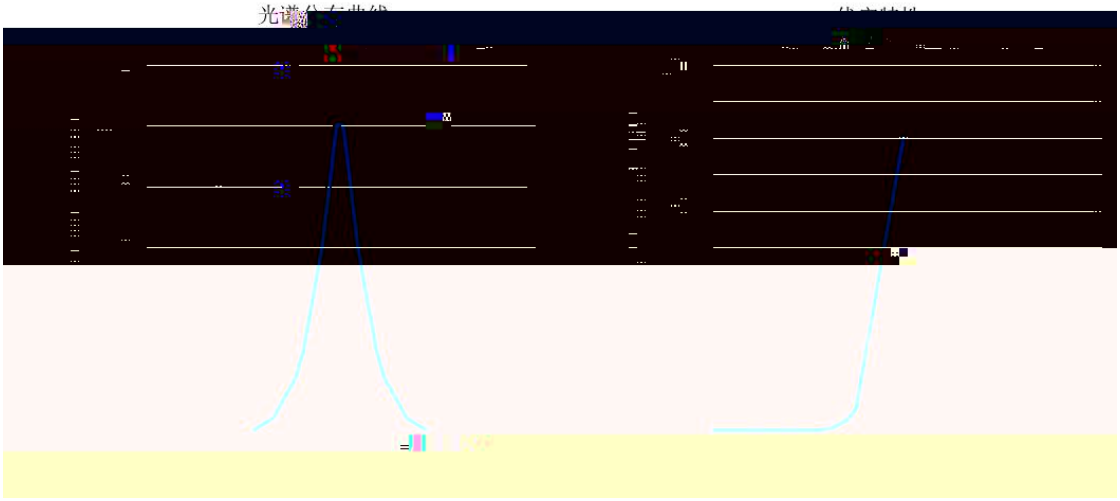
电压分档

：

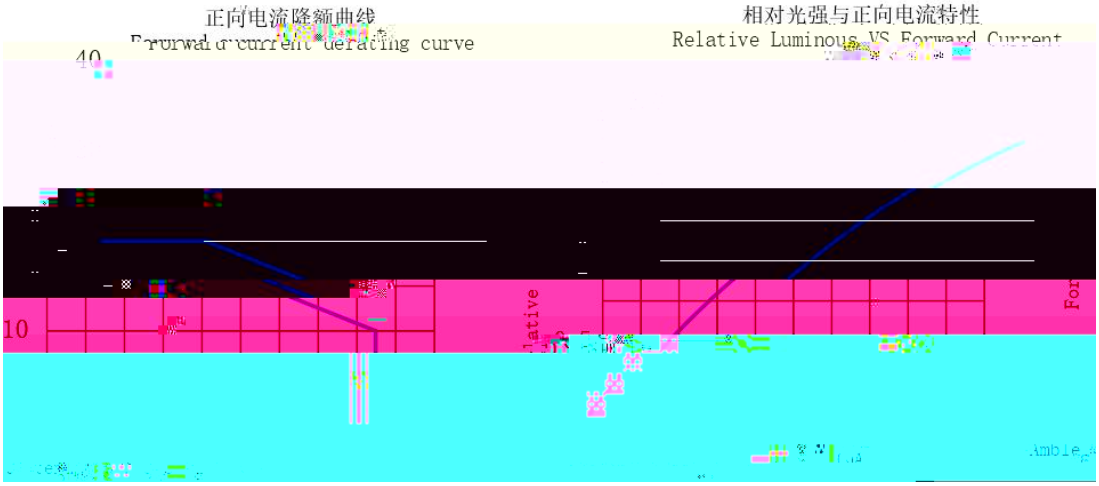
代码	最小值	最大值	单位	测试条件
N12-7	1.8	2.0	V	IF=20mA
N12-8	2.0	[redacted]		
N12-9	2.2	2.4		

波长分档

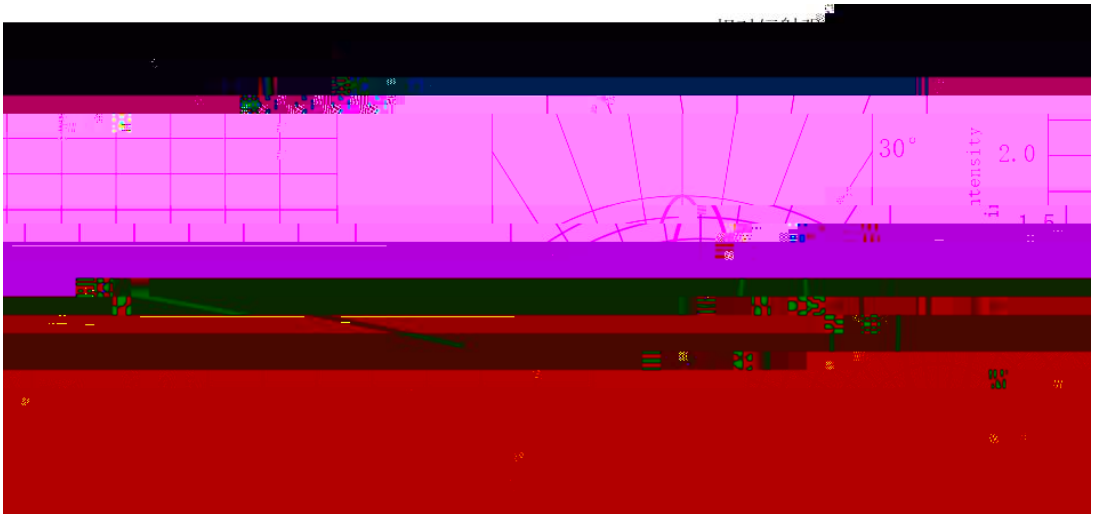
典型特性曲线



正向电流降额曲线
Forward current derating curve



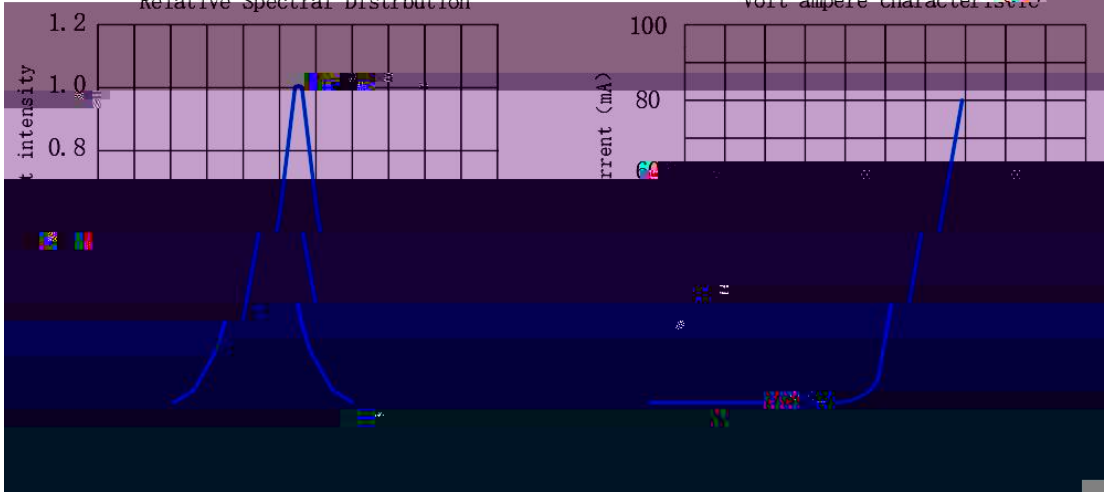
相对光强与正向电流特性
Relative Luminous VS Forward Current



25 + 5 C./Note: If not otherwise indicated, the test environment temperature is 25 + 5 C.

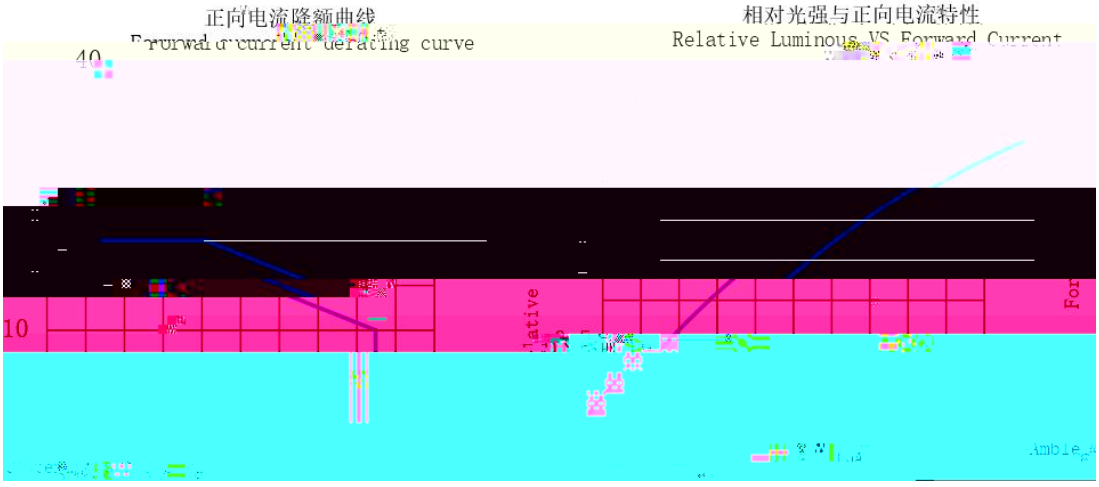
典型特性曲线

光谱分布曲线
Relative Spectral Distrbution

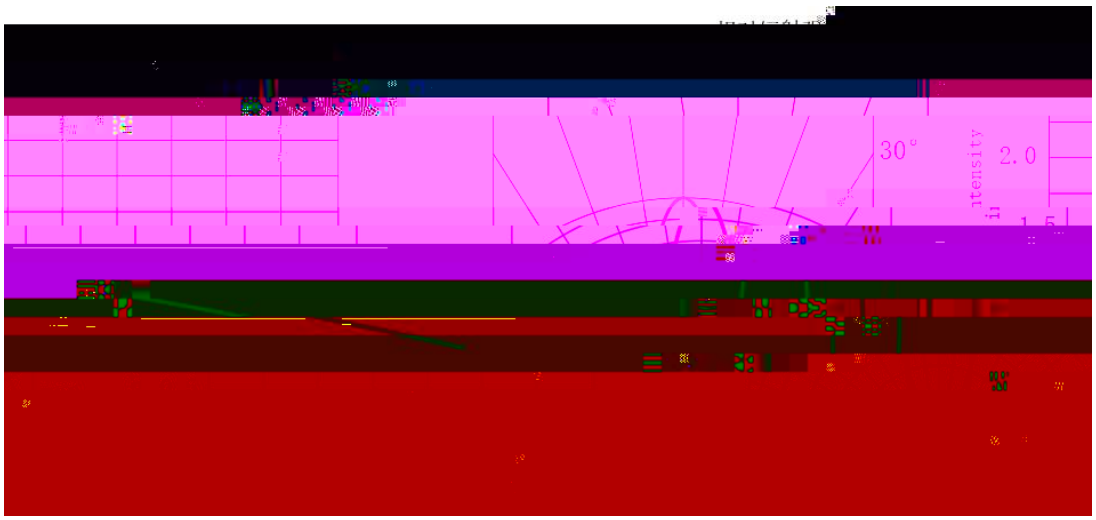


伏安特性
Volt ampere characteristic

正向电流降额曲线
Forward current derating curve

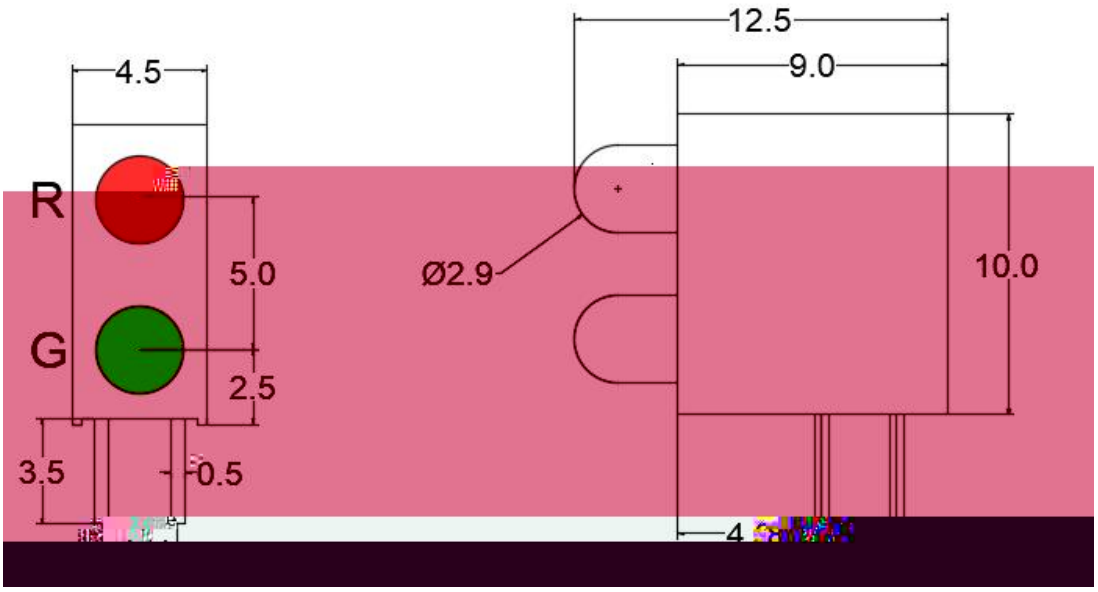


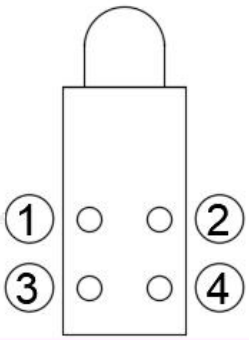
相对光强与正向电流特性
Relative Luminous VS Forward Current

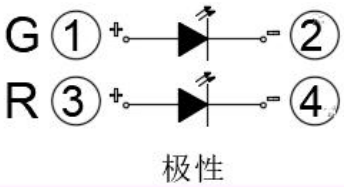


25 + 5 C./Note: If not otherwise indicated, the test environment temperature is 25 + 5 C.

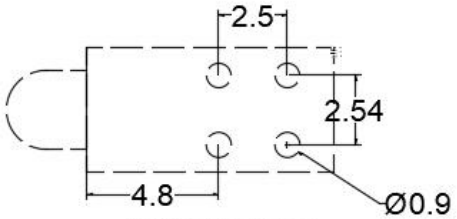
外形尺寸







极性



建议焊盘尺寸

(Note)

1.

Dimensions are in millimeters.

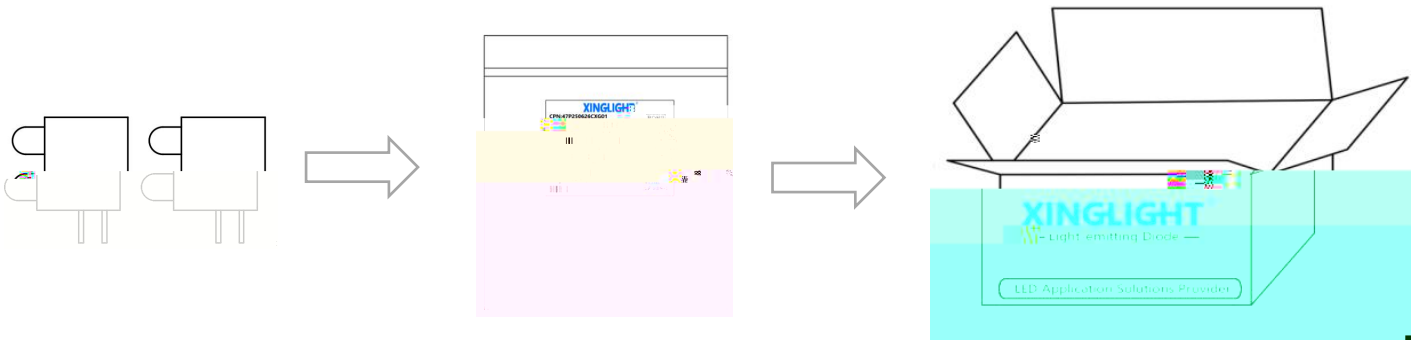
2. Ñ0.25mm .

Tolerances unless mentioned are Ñ 0.25mm.

包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag



使用注意事项（1）

1、贮存.

*　　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.

2、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.

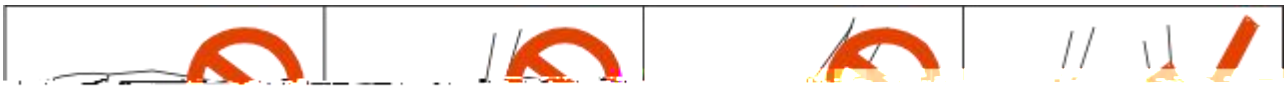
使用注意事项（3）

Precautions (3)

4、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.

5、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.