XL-B324SURSYGW F3 技术数据表 Technical Data Sheet

特点（characteristic）：

* L/W/H :F3/3.8*3.0*5.2*28mm

Appearance dimension (L / w / h): F3/3.8*3.0*5.2*28mm

* : /

Luminous color and colloid: high brightness red yellow green / Aerosol colloid

* ROHS

Environmental protection products meet ROH ḠHt

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电性参数

Electrical Characteristics

Absolute Maximum Ratings Ta=25

Parameter	Symbol	Red	YG	Unit
Max Power Dissipation	PD	50	50	mW
Max Continuous Forward Current	IF	20	20	mA
Peak Forward Current	IFP	80	80	mA
Operating Temperature Range	TOPR	-20 ~ +85 C		
Storage Temperature Range	TSTR	-40 ~ +85 C		
/ Lead Soldering Temperature/Time	TSOL	reflow sold		

亮度分档:

Brightness grading:

代码 Code	最小值 Min	最大值 Max	单位 Unit	测试条件 Test conditions
A1	100	200	mcd	IF=20mA
A5	400	500		
A6	500	700		

电压分档:

Voltage grading:

代码 Code	最小值 Min	最大值 Max	单位 Unit	测试条件 Test conditions
N12-7	1.8	2.0	V	IF=20mA
N12-8	2.0	2.2		
N12-9	2.2	2.4		
N13-1	2.4	2.6		

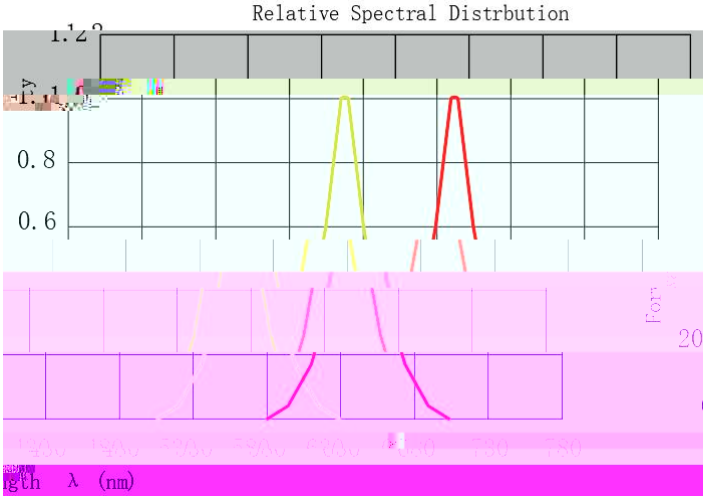
波长分档:

Wavelength grading:

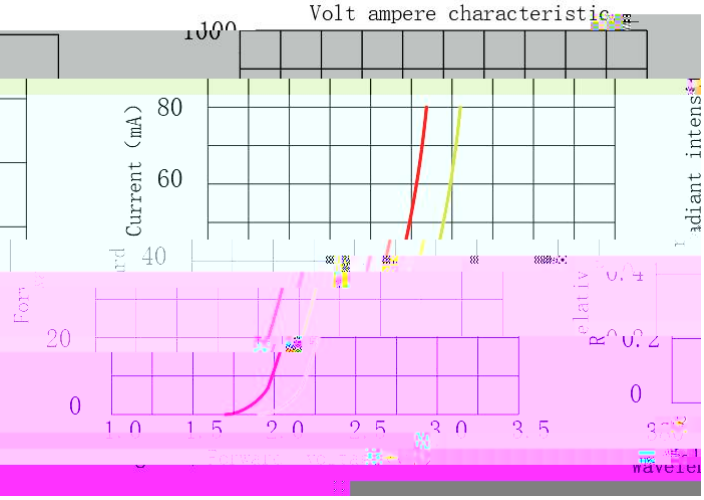
代码 Code	最小值 Min	最大值 Max	单位 Unit	测试条件 Test conditions
HR04	630	635	nm	IF=20mA
HR05	635	640		
HYG03	565	567.5		
HYG04	567.5	570		
HYG05	570	572.5		
HYG06	572.5	575		

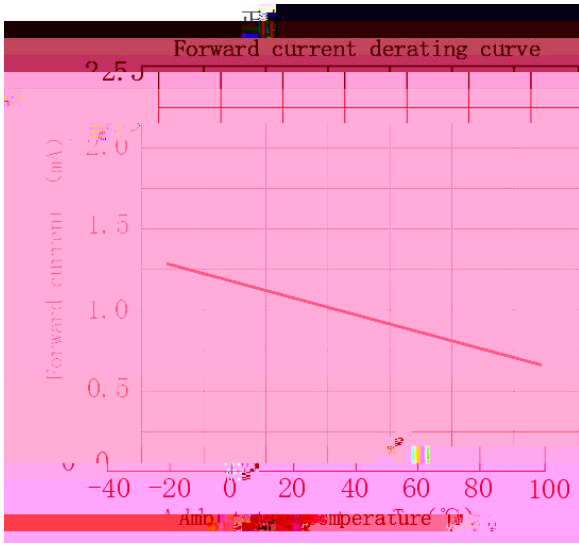
Typical Characteristics Curves

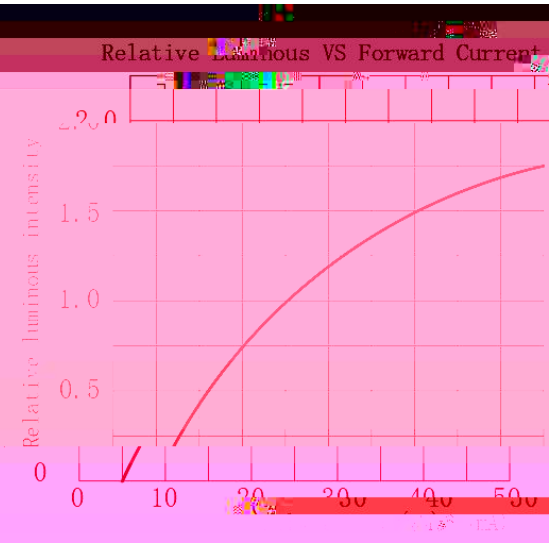
光谱分布曲线
Relative Spectral Distrbution



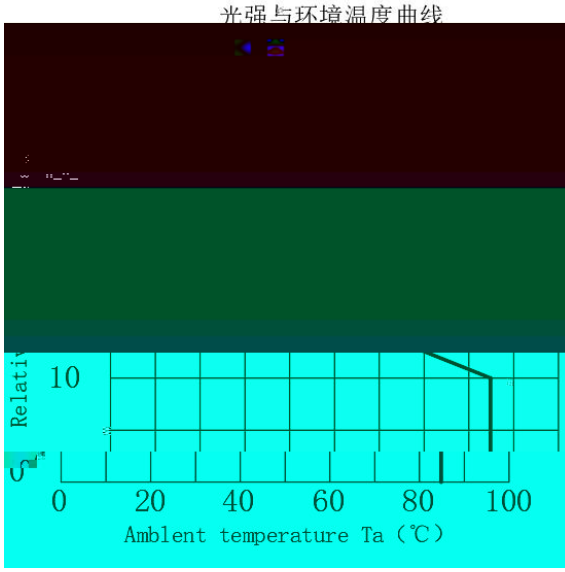
伏安特性
Volt ampere characteristic

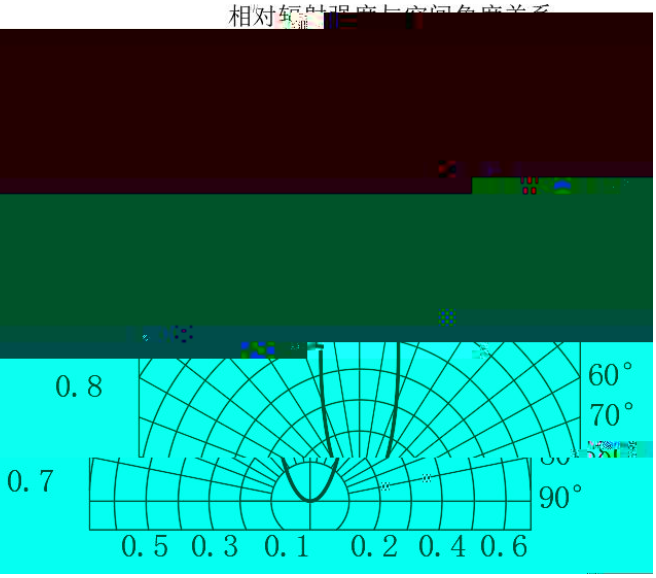






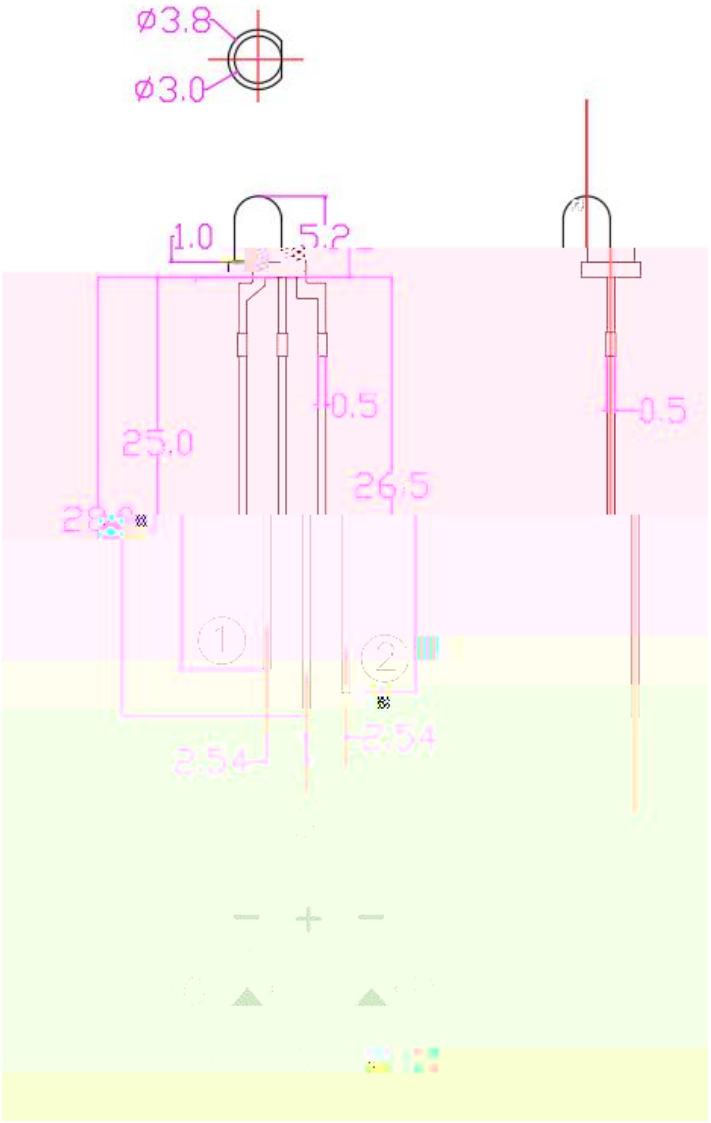
光强与环境温度曲线





外形尺寸

Outline Dimension



(Note)

1.

Dimensions are in millimeters.

2. Ñ 0.50mm .

Tolerances unless mentioned are Ñ 0.50mm.

包装

Packaging

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In Bags

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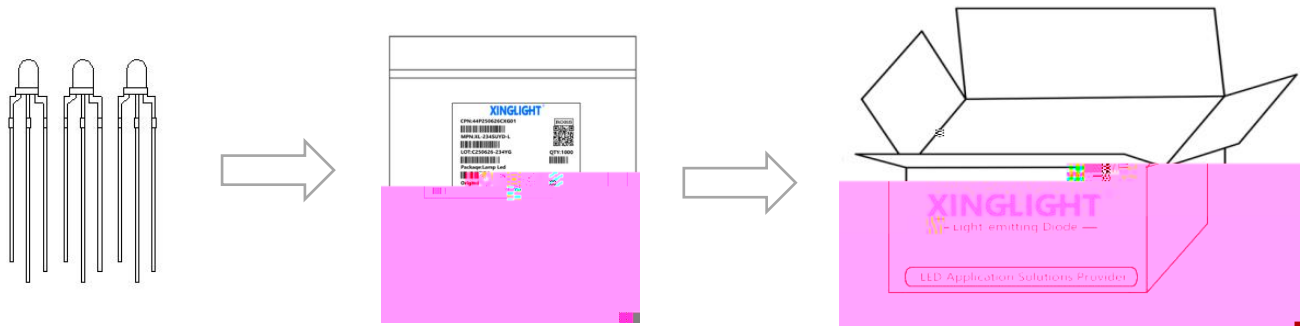
Moisture Proof and Anti-Electrostatic Foil Bag



使用注意事项（2）

Precautions (2)

5. Weld

2mm LED
LED

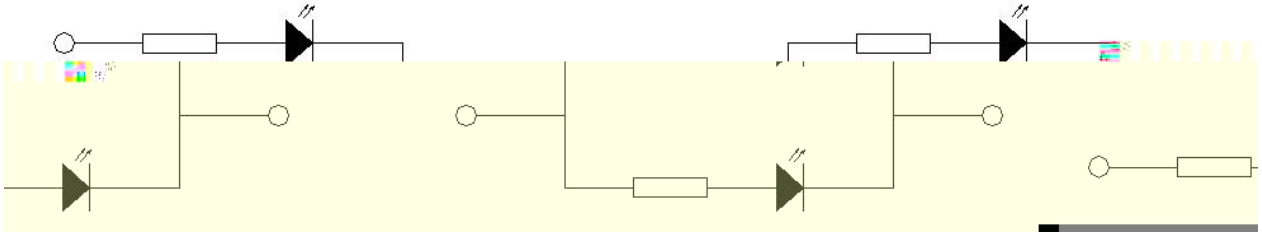
When welding, welding must be conducted below 2mm of colloid bottom. When welding, try to avoid soaking LED colloid. After welding, avoid adding external force on the pin or shaking LED colloid.

6. Drive way

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.

Circuit model A **Circuit model B**



7. Electrostatic protection

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.