[0058:XEF00 58: ! ｒ ﾞ ｨ ｨ 技术数据表

特点（

目录

Catalogue

电性参数

Parameter	Symbol	Rating	Unit
Consumed power	Pd	70	mW
		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	

亮度分档

：

代码	最小值	最大值	单位	测试条件
A8	100	200	mcd	IF=20mA
A9	200	300		
B1	300	400		

电压分档

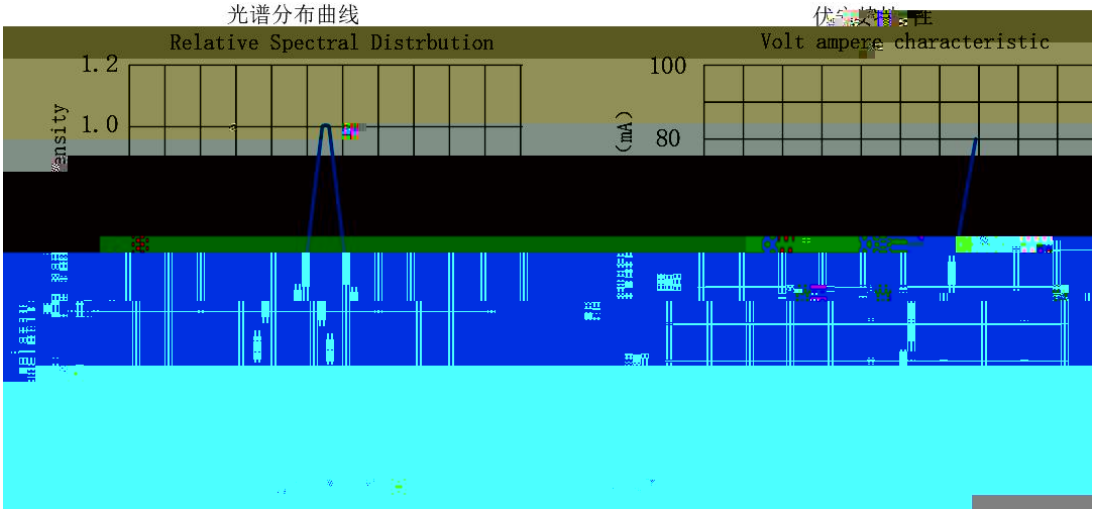
：

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

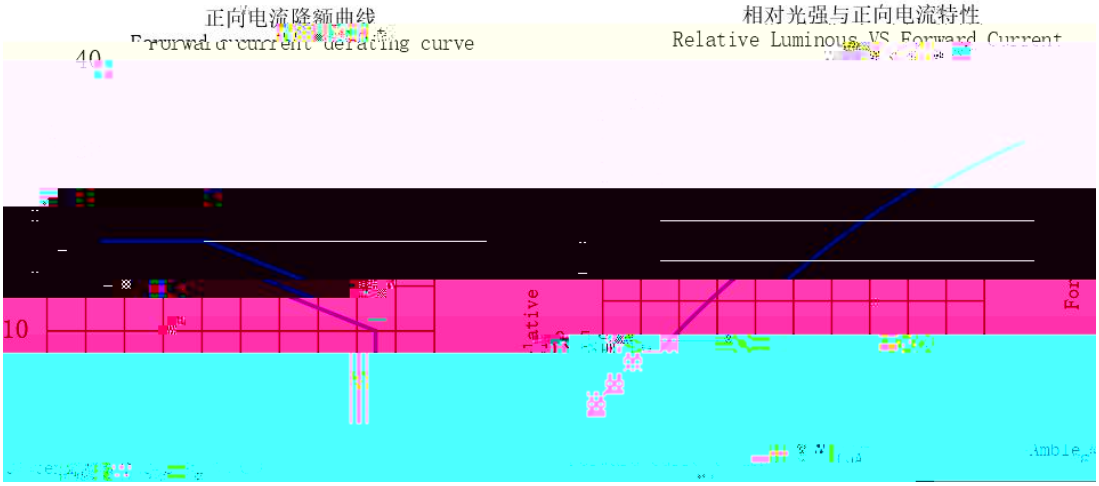
典型特性曲线

光谱分布曲线
Relative Spectral Distrbution



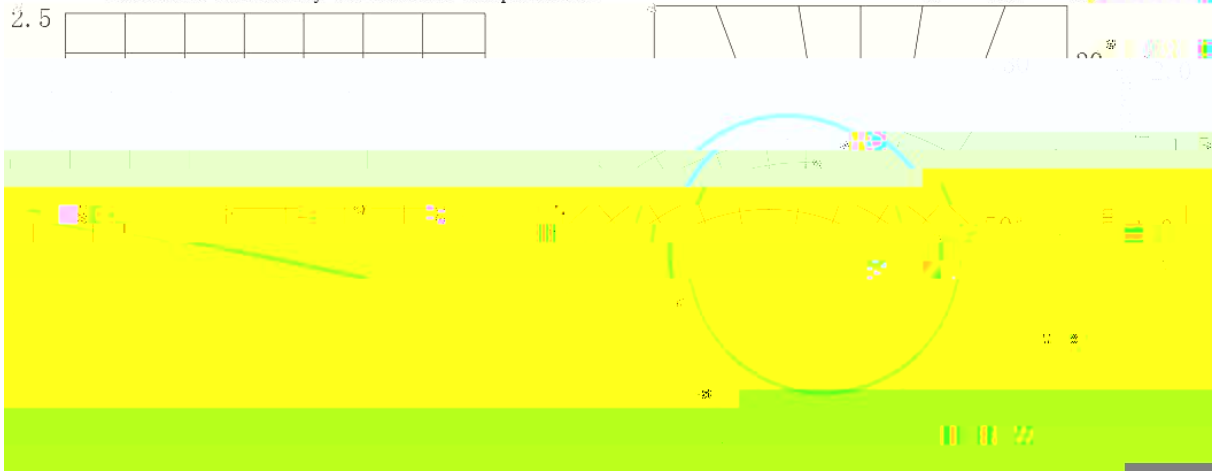
伏安特性
Volt ampere characteristic

正向电流降额曲线
Forward current derating curve

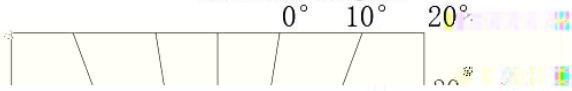


相对光强与正向电流特性
Relative Luminous VS Forward Current

光强与环境温度曲线
Luminous Intensity VS Ambient Temperature



相对辐射强度与空间角度关系
Radiation diagram



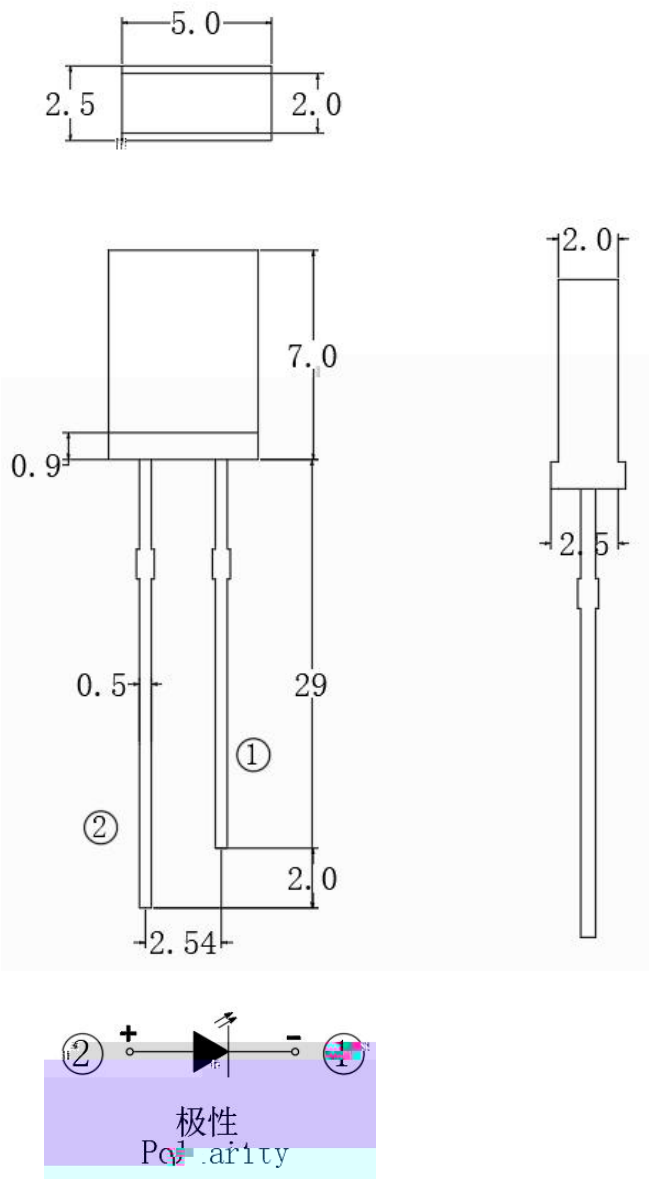
25±5 /Note If not otherwise indicated the test environment temp erature is 25±5

可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Fail qty

外形尺寸



(Note)

Dimensions are in millimeters.

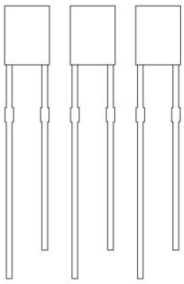
± 0.50

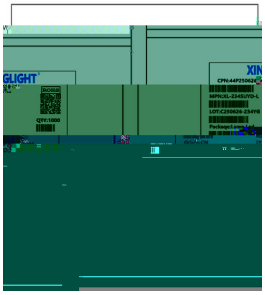
Tolerances unless mentioned are ± 0.50mm.

包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag





使用注意事项（1）

1.
LED FJ 6

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.

使用注意事项（2）

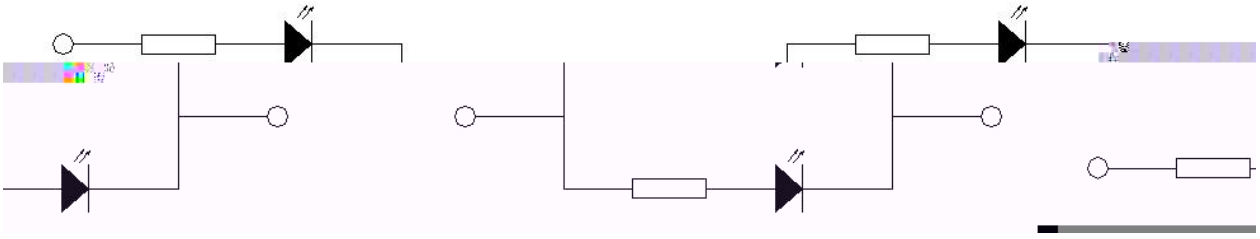
Precautions (2)

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 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.