XL-304UBC F3 技术资料

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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	-	

亮度分档

：

代码	最小值	最大值	单位	测试条件
A9	1200	1500	mcd	IF=20mA
B1	1500	1800		
B2	1800	2100		

电压分档

：

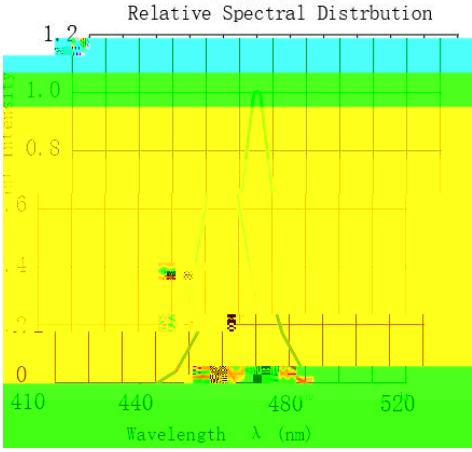
代码	最小值	最大值	单位	测试条件
N13-3	2.8	3.0	V	IF=20mA
N13-4	3.0	3.2		
N13-5	3.2	3.4		

波长分档

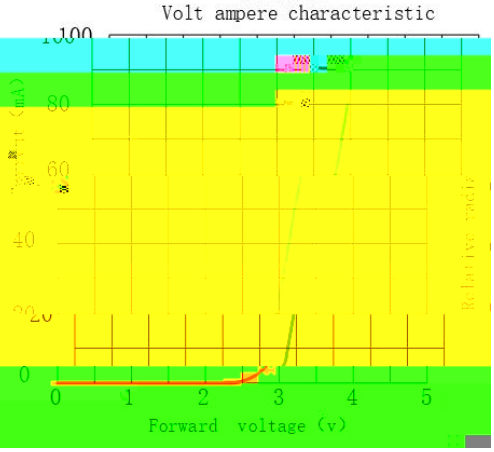
代码	最小值	最大值	单位	测试条件
HB04	460	465	nm	IF=20mA
HB05	465	470		
HB06	470	475		

典型特性曲线

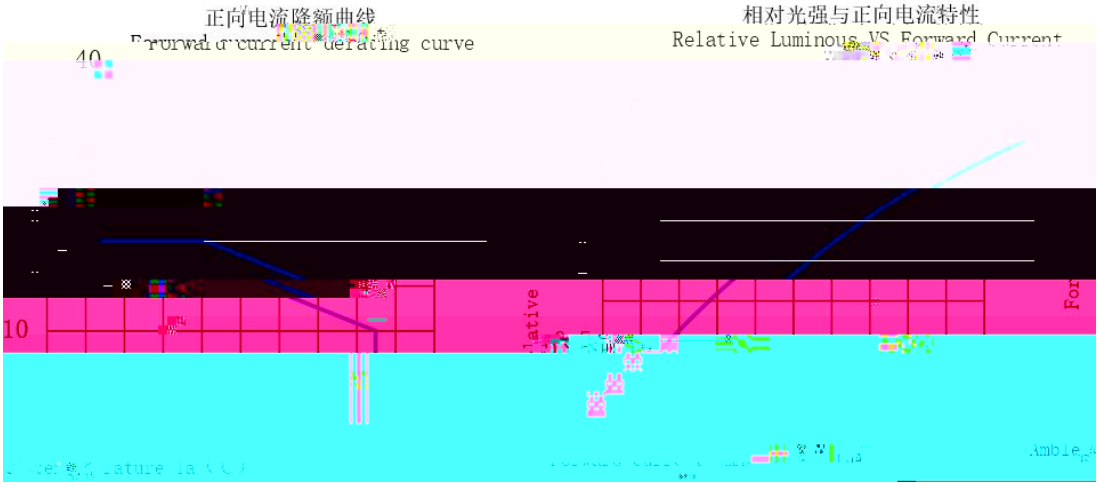
光谱分布曲线
Relative Spectral Distrbution



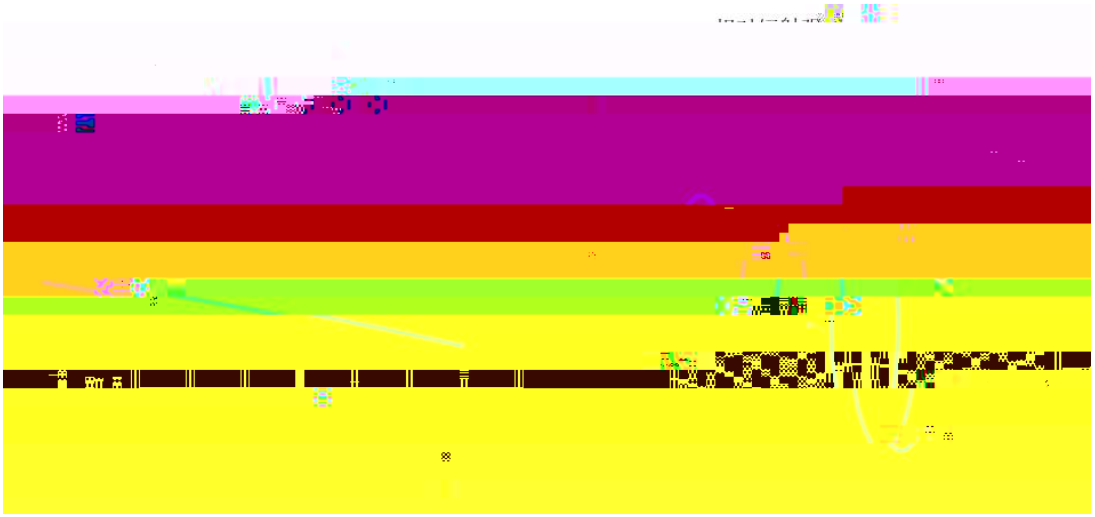
伏安特性
Volt ampere characteristic



正向电流降额曲线



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



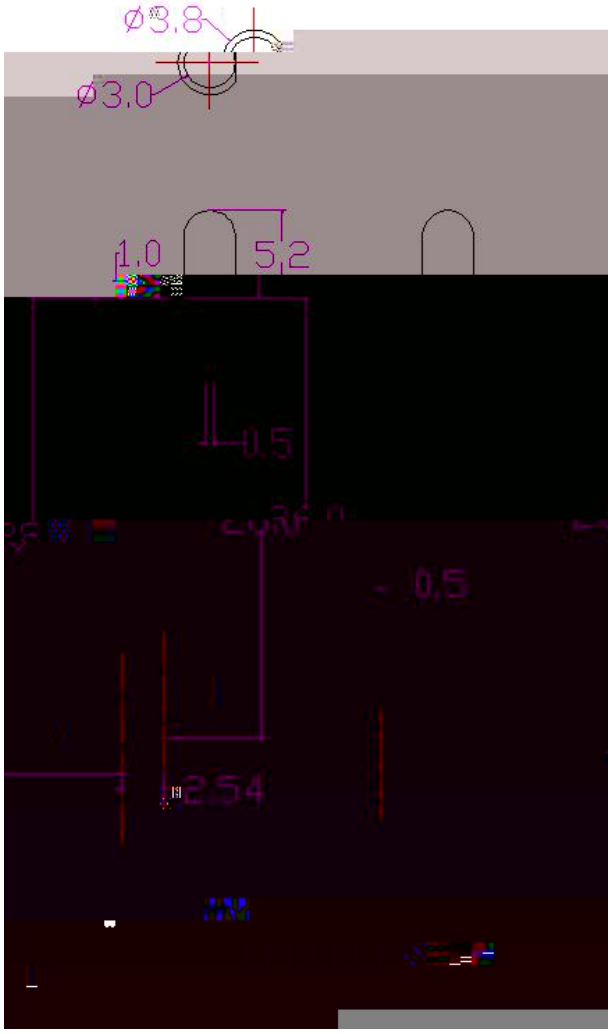
25±5 /Note If not otherwise indicated the test environment temp erature is 25±5

可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Fail qty

外形尺寸

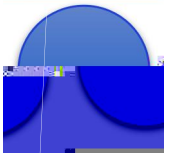


(Note)

Dimensions are in millimeters.

± 0.50

Tolerances unless mentioned are ± 0.50mm.



使用注意事项（ ）

1.

LED

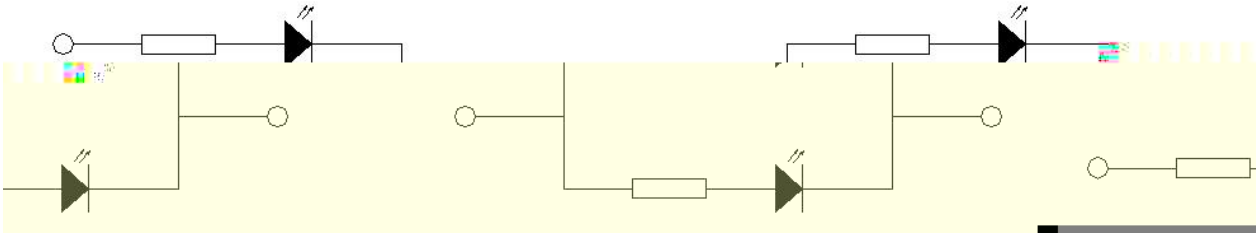
使用注意事项（ ）

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.