XL-302SURD F3 **技术数据表**

特点（ ）：

* : F3/3.8*3.0*5.2*18mm
Appearance dimension: F3/3.8*3.0*5.2*18mm
* : /
Luminous color and colloid: Red brightness White /Red colloid
* ROHS
Environmental protection pro-

目录

Catalogue

电性参数

Parameter	Symbol	Rating	Unit
Consumed power	Pd	70	mW
Max Continuous Forward Current	IF	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	

Luminous Intensity	Iv	400	600	900	mcd	IF=20mA
Dominant Wave Length	λd	615	620	625	nm	IF=20mA
Peak Wave Length	λp	/	625	/	nm	IF=20mA
Forward Voltage	VF	1.8	2.2	2.4	V	IF=20mA
Viewing Angle	2Ø1/2	/	30	/	deg	IF=20mA
Spectral Width at half height	λ	/	20	/	nm	IF=20mA
Reverse Current	IR	/	/	≤10	μA	VR=5V

±10% ±0.1V (X,Y) ±0.01 ±1nm

Note: the light intensity error is 10%; The pressure drop error is ±0.1V ; (X,Y) coordinate deviation ±0.01 wavelength error ±1 nm.

亮度分档

：

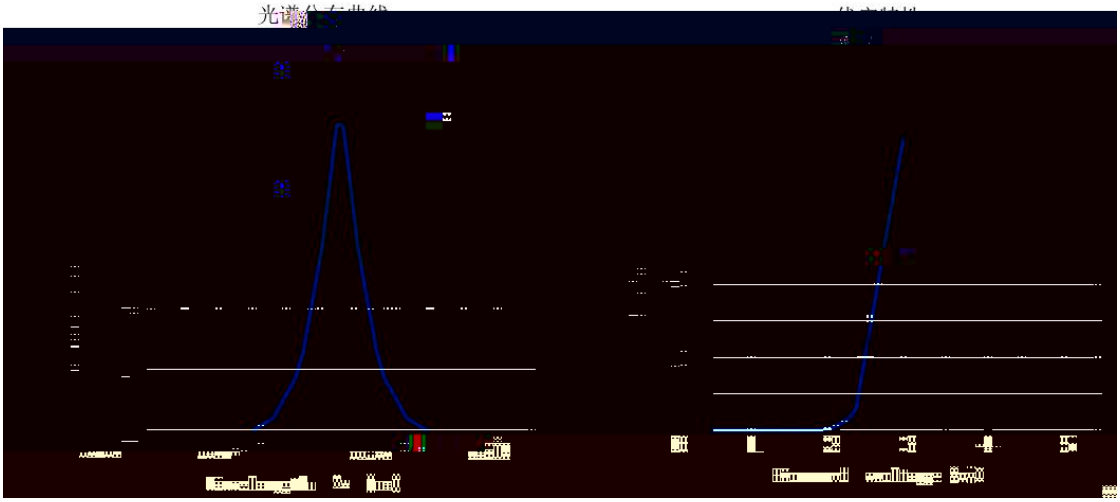
代码	最小值	最大值

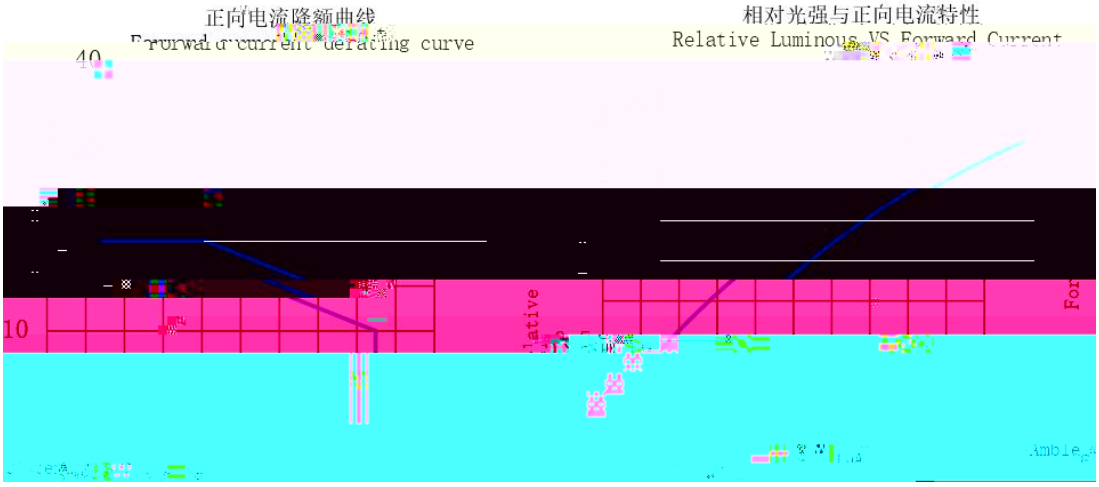
电压分档

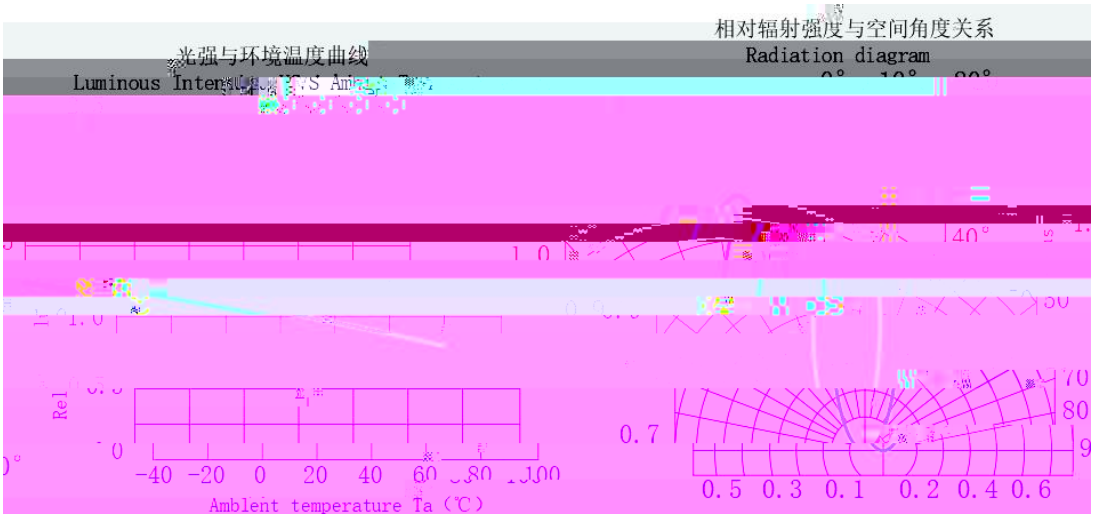
：

波长分档

典型特性曲线







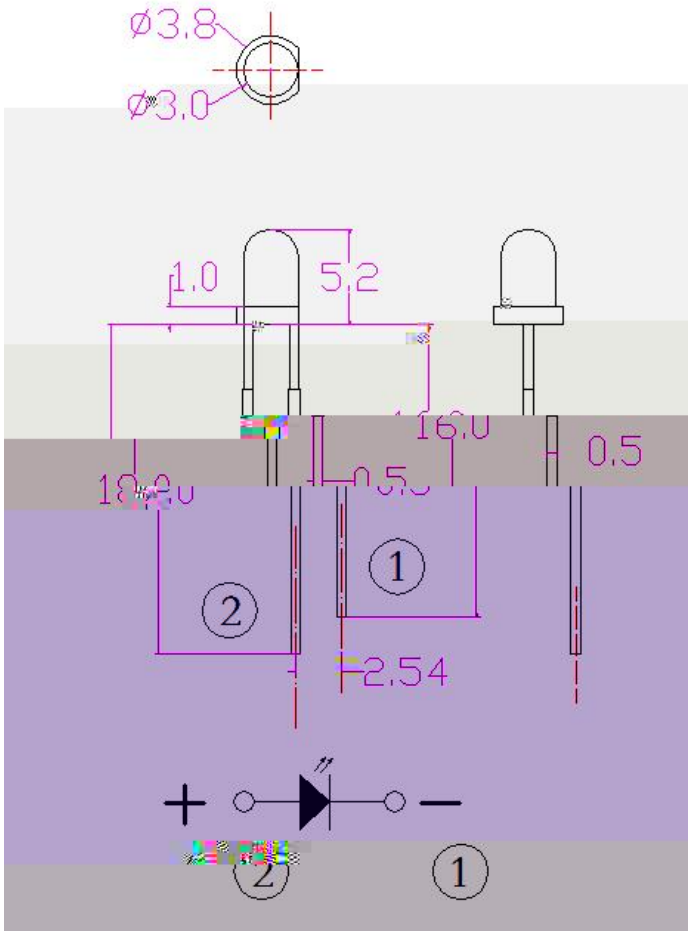
25±5 /Note If not otherwise indicated the test environment temp erature is 25±5

可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Failqty
Endurance test	Working life	Ta=25 ±5 ,IF=20mA	1000hrs	22 PCS	0/1

外形尺寸



(Note)

1.

Dimensions are in millimeters.

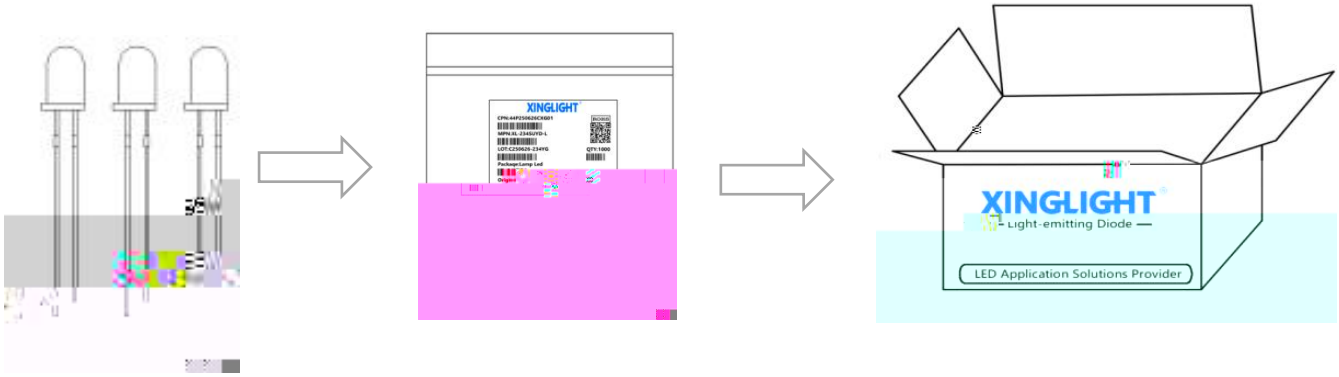
2. ± 0.50mm .

Tolerances unless mentioned are ± 0.50mm.

包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag



使用注意事项（ ）

1.
LED 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 h

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(使用注意事项)