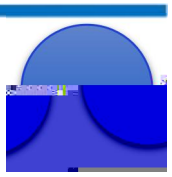
XL-234SYGC-L 234 技术数据表



目录

Catalogue

电性参数

Max Continuous Forward Current	IF		

Luminous Intensity	Iv	50	/	100	mcd	IF=20mA
Dominant Wave Length	λd	565	/	575	nm	IF=20mA
Peak Wave Length	λp	/	570	/	nm	IF=20mA
Forward Voltage	VF	2.0	2.4	2.6	V	IF=20mA
Viewing Angle	2Ø1/2	/	110	/	deg	IF=20mA
Spectral Width at half height	λ	/	15	/	nm	IF=20mA

亮度分档

：

代码	最小值	最大值	单位	测试条件

电压分档

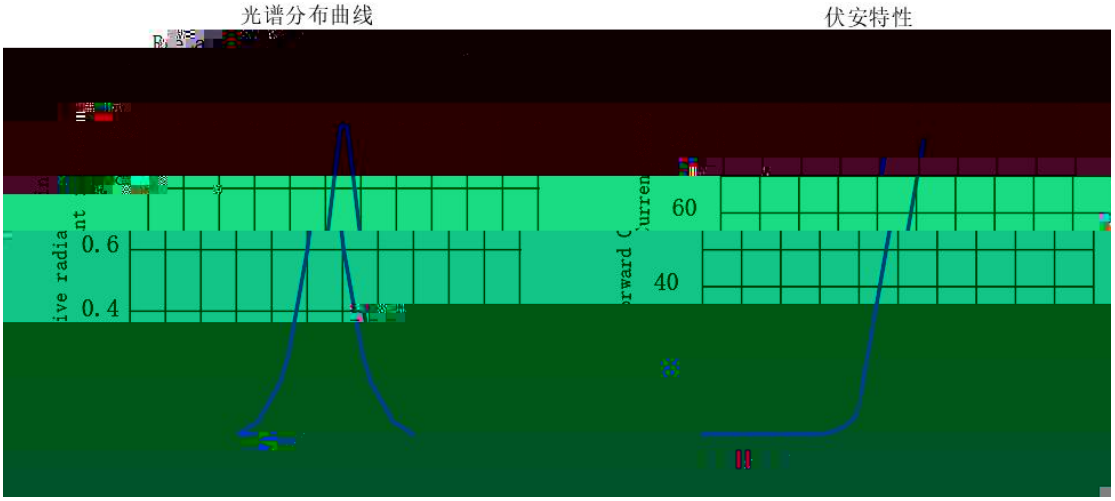
：

代码	最小值	最大值	单位	测试条件

波长分档

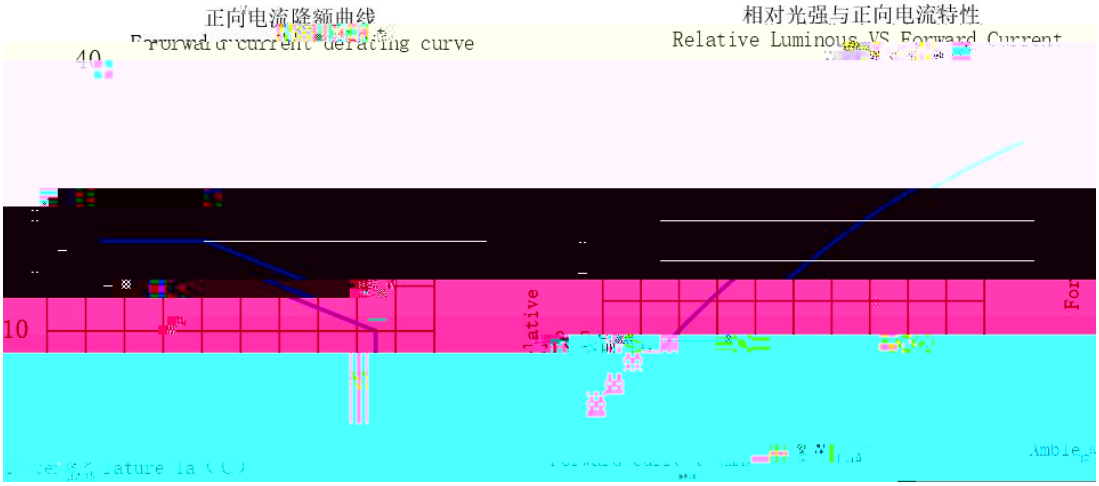
典型特性曲线

光谱分布曲线



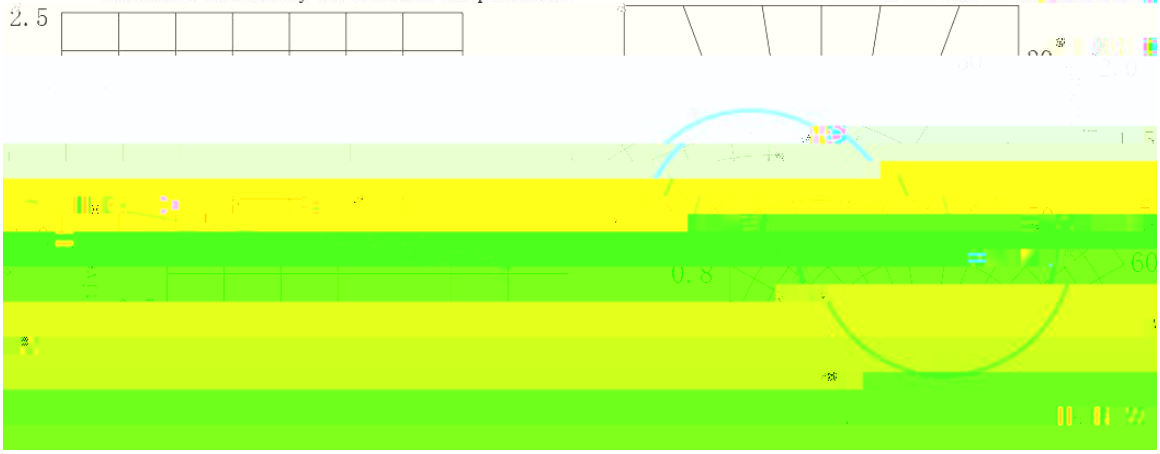
伏安特性

正向电流降额曲线



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

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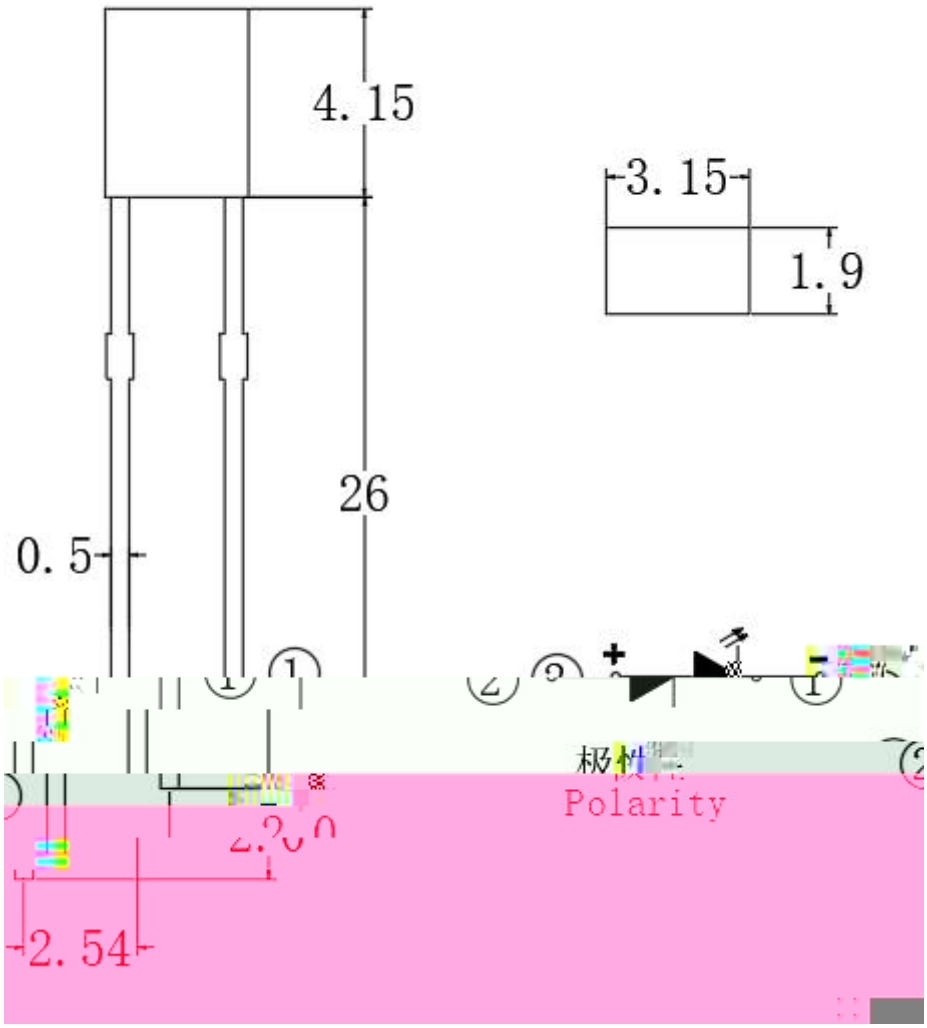
可靠性试验

Reliability Test Items And Conditions

Endurance test	Working life	Ta=25 ±5 ,IF=20mA	1000hrs	22 PCS	0/1
	High temperature and high humidity experiment	Ta= 85±5 , RH= 85 90%	1000hrs	22 PCS	0/1
	High-temperature storage	Ta= 85±5	1000hrs	22 PCS	0/1
	Low temperature storage	Ta= -40±5	1000hrs	22 PCS	0/1
Environmental testing	Cold and hot cycle	100 ±5 30mins 5mins -40 ±5 30mins	100 Circles	22 PCS	0/1
	Hot and cold impact	105 ±5 5mins -45 ±5 5mins	100 Circles	22 PCS	0/1
Mechanical Test	Resistance to Soldering Heat	T.sol= 250 ± 5	2times	22 PCS	0/1
	Lead Integrity	Load 2.5N(0.25kgf) 0°~ 90° ~0°	3times	22 PCS	0/1

外形尺寸



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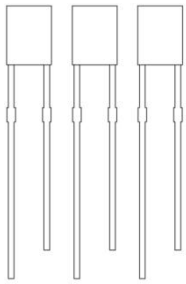
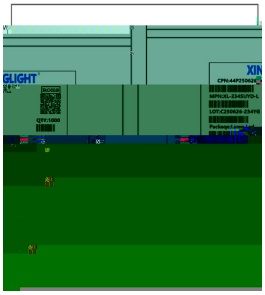
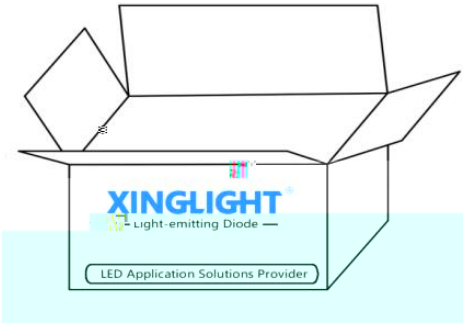




1000PCS/Bag



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8、其他事项：

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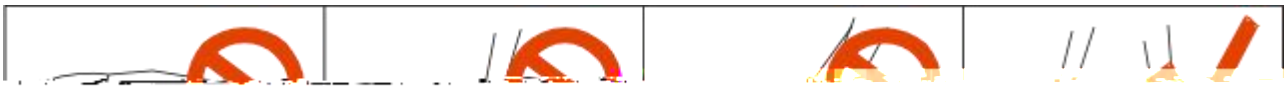

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