XL-234SYGC-L 234 技术数据表

目录

Catalogue

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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	pA

亮度分档

：

代码	最小值	最大值	单位	测试条件

电压分档

：

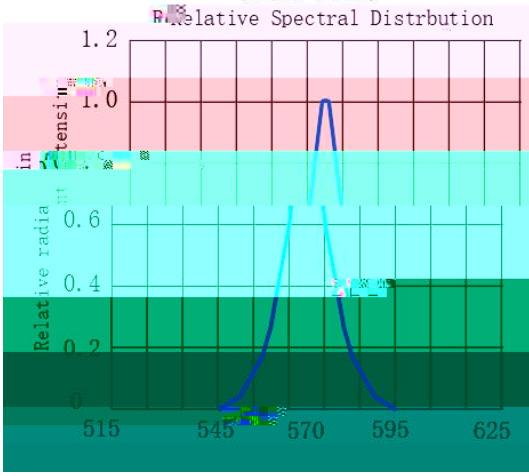
代码	最小值	最大值	单位	测试条件

波长分档

典型特性曲线

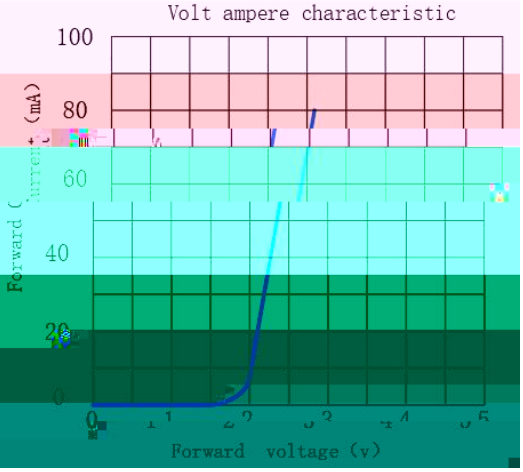
光谱分布曲线

Relative Spectral Distrbution



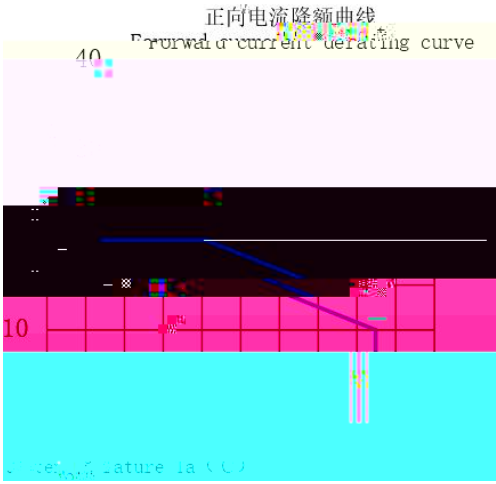
伏安特性

Volt ampere characteristic



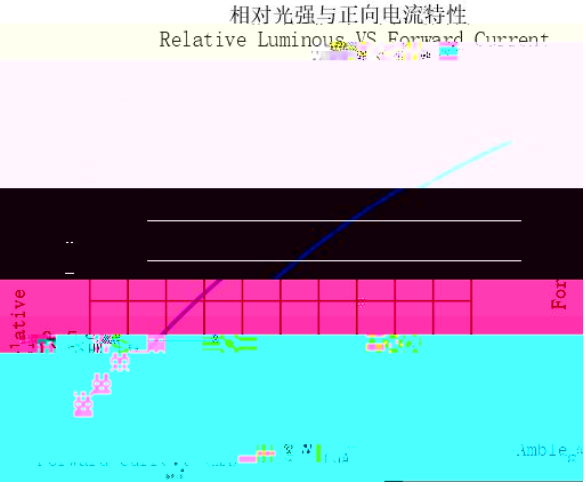
正向电流降额曲线

Forward current derating curve



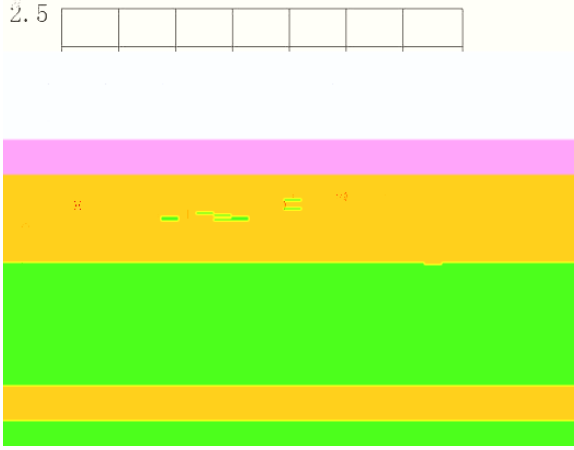
相对光强与正向电流特性

Relative Luminous VS Forward Current



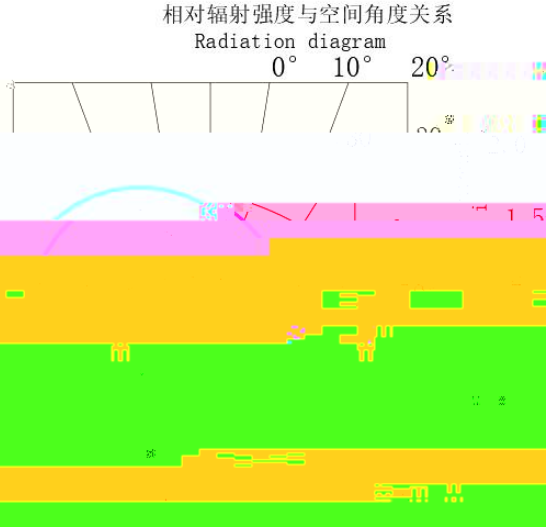
光强与环境温度曲线

Luminous Intensity VS Ambient Temperature



相对辐射强度与空间角度关系

Radiation diagram

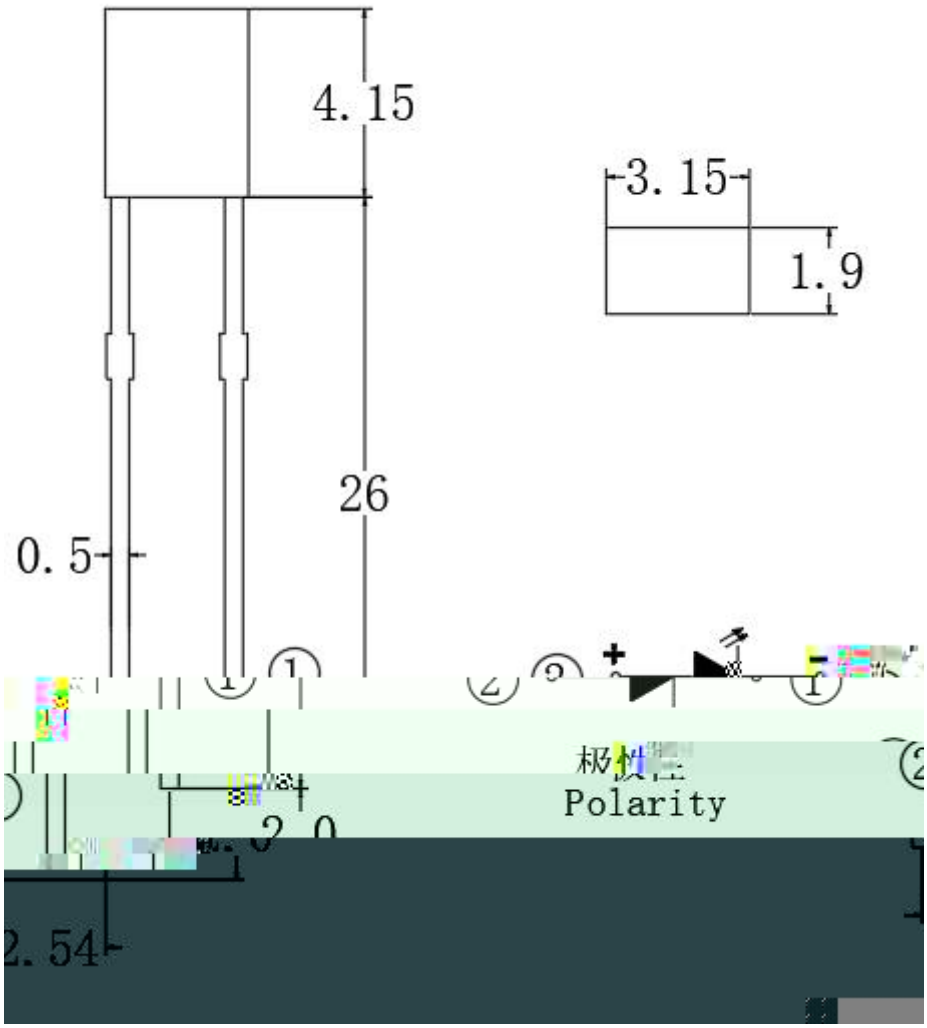


可靠性试验

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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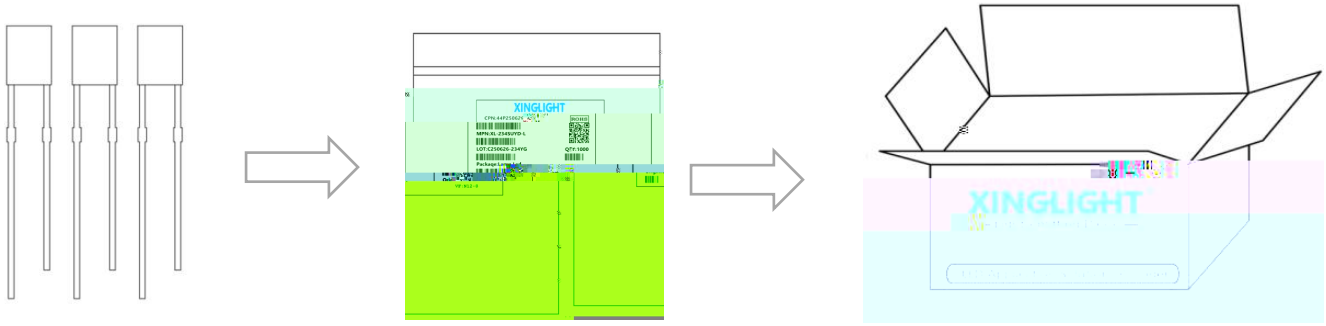
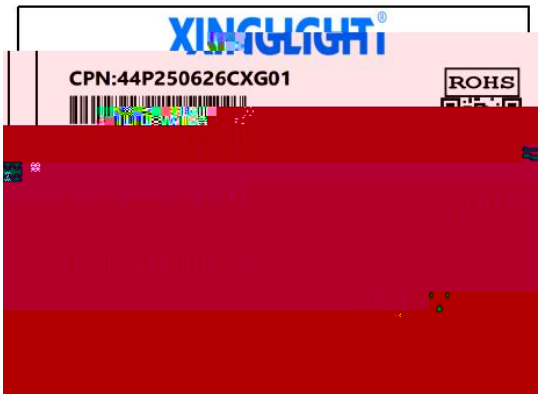


1000PCS/Bag



使用注意事项（ ）

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8、其他事项：

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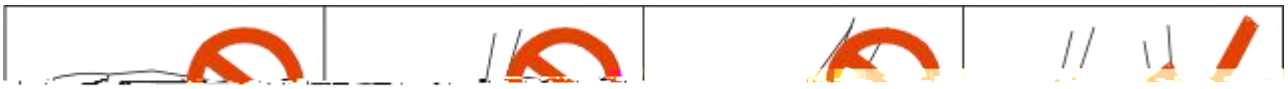

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