

XL-502SYGC

F5

技术数据表**特点 () :**

* : F5/5.5*5.0*8.7*18mm

Appearance dimension: F5/5.5*5.0*8.7*18mm

* : /

Luminous color and colloid: green brightness White /water colloid

* ROHS

Environmental protection products meet ROHS requirements

* MSL :2

Moisture sensitivity level MSL : 2 levels

* EIA

EIA standard packaging

*

Long operating life

*

High energy efficiency, fast startup

*

Low voltage DC drive

应用领域 () :

*

Home appliances, digital, communication

*

Automotive Electronics

*

Lighting decoration

*

electronic toy

*

electronic clock

*

Traffic instructions

*

Medical beauty instruments

*

Electronic teaching equipment

*

Urban lighting



目录

Catalogue

电性参数

Max Continuous Forward Current			

Luminous Intensity	Iv	300	500	700	mcd	IF=20mA
Dominant Wave Length	λ d	565	/	575	nm	IF=20mA
Peak Wave Length	λ p	/	570	/	nm	IF=20mA
Forward Voltage	VF	2.0	2.2	2.6	V	IF=20mA
Viewing Angle	2θ1/2	/	30	/	deg	IF=20mA
Spectral Width at half height	λ	/	30	/	nm	IF=20mA
Reverse Current	IR	/	/	≤ 10	μ A	VR=5V

± 10% ± 0.1V (X,Y) ± 0.01 ± 1nm
Note: the light intensity error is 10%-e yÑ v R Ð



亮度分档

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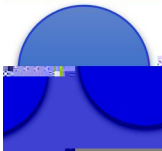
代表

最小值

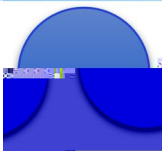
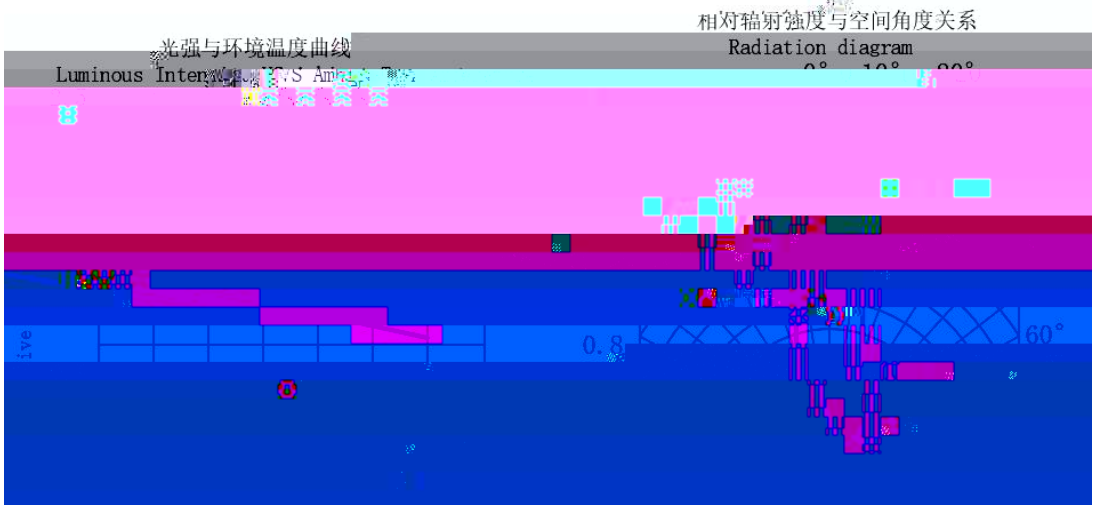
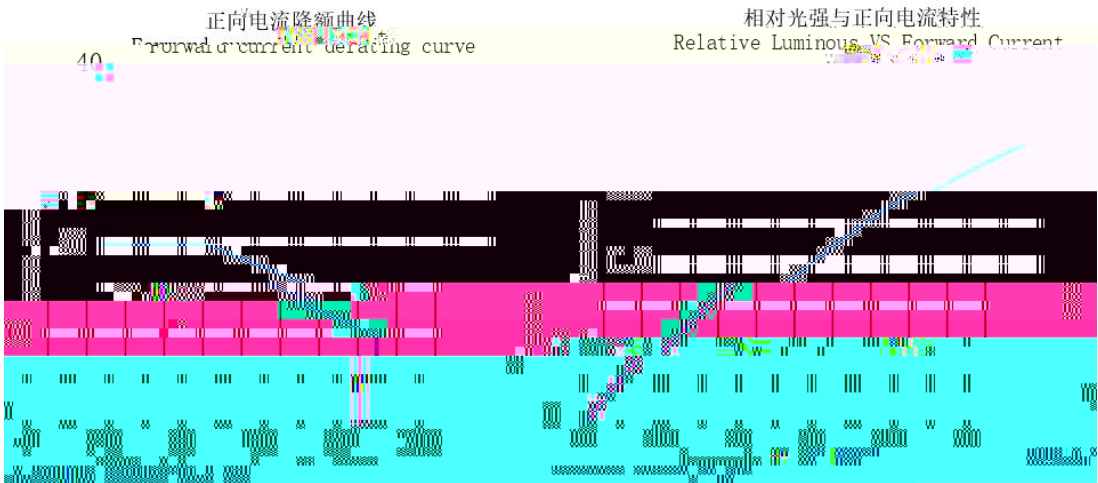
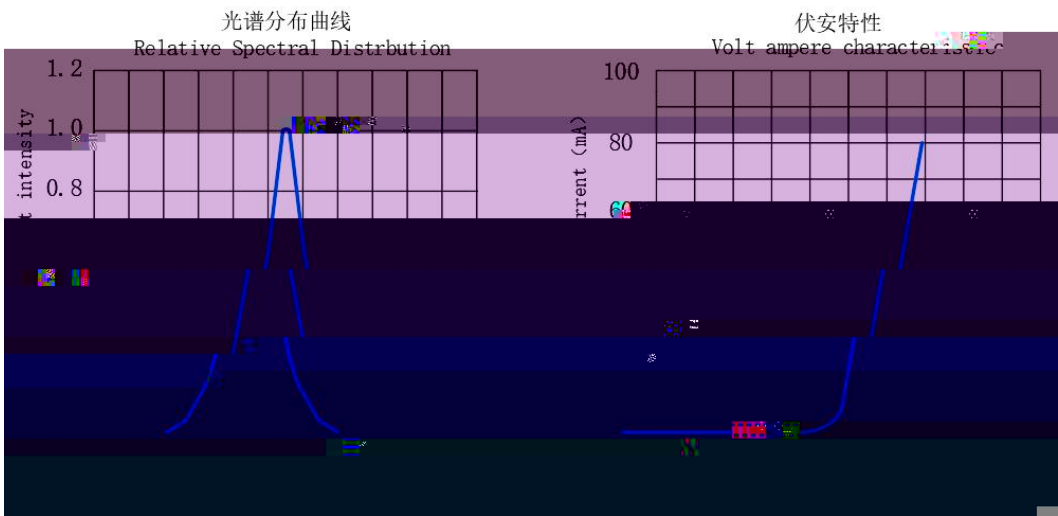
电压分档

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波长分档



典型特性曲线



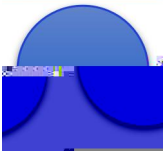
可靠性试验

Reliability Test Items And Conditions

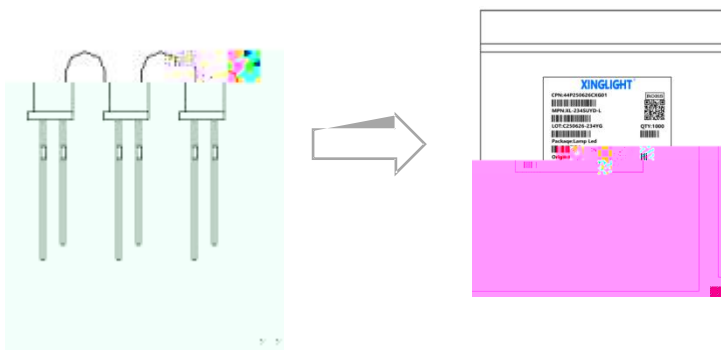
Endurance test	Working life	Ta=25 ± 5 , IF=20mA	1000hrs	22 PCS	0/1
	High temperature and high humidity experiment	Ta= 85 ± 5 , RH= 85 ~ 90%	1000hrs	22 PCS	0/1
	High-temperature storage	Ta= 85 ± 5	1000hrs	22 PCS	0/1
	Low temperature storage	Ta= -40 ± 5	1000hrs	22 PCS	0/1
Environmental testing	Cold and hot cycle	100 ± 5 30mins -40 ± 5 5mins 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

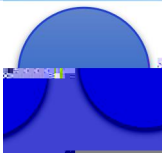


包装



使用注意事項 (1)

LED

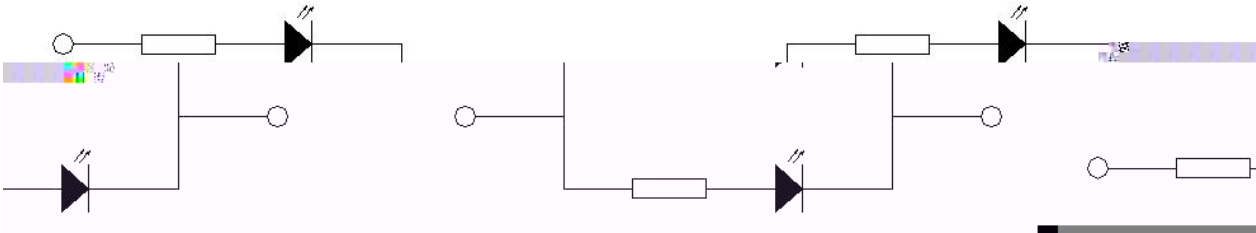


使用注意事項 (2)

(2)

LED

LED



使用注意事項 ()

8、其他事項:

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9、眼睛保護忠告:

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