XL-504RGBC-KS F5七彩长脚透明快闪 技术数据表

特[illegible]（ ）：

* : F5/5.9*5.0*8.6*29mm

Appearance dimension:F5/5.9*5.0*8.6*29mm

* : RGB/

Luminous color and colloid: High light RGB/Transparent colloid

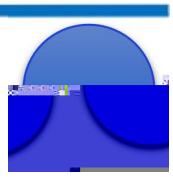
Environmentally friendly products, [illegible]

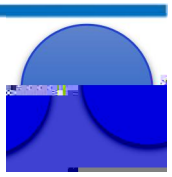
* MSLy

[redacted]

目录

Catalogue



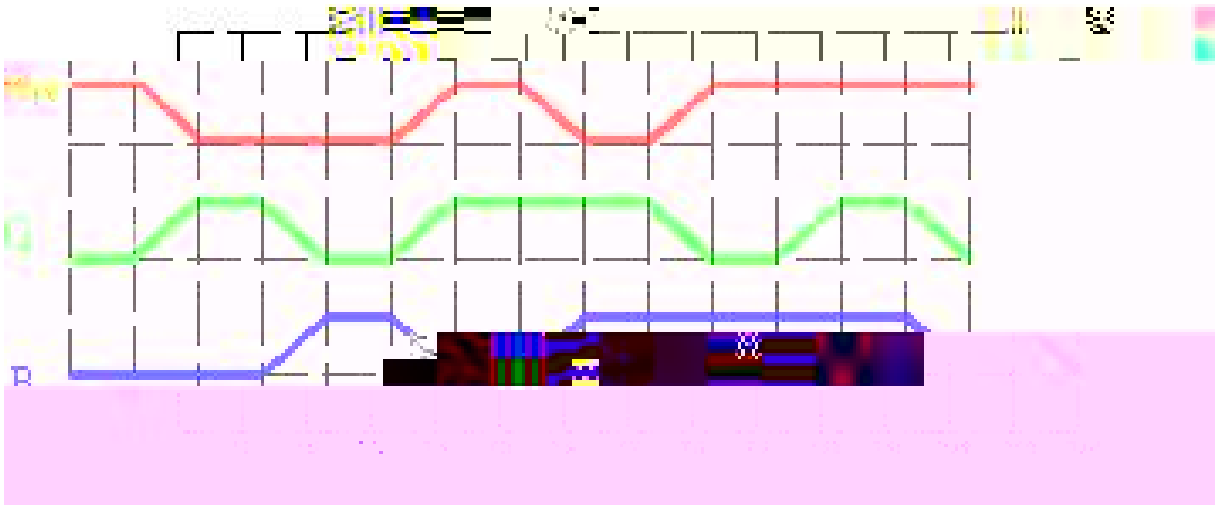


光电参数 Ta=25 Optical-electrical parameter(ta=25)

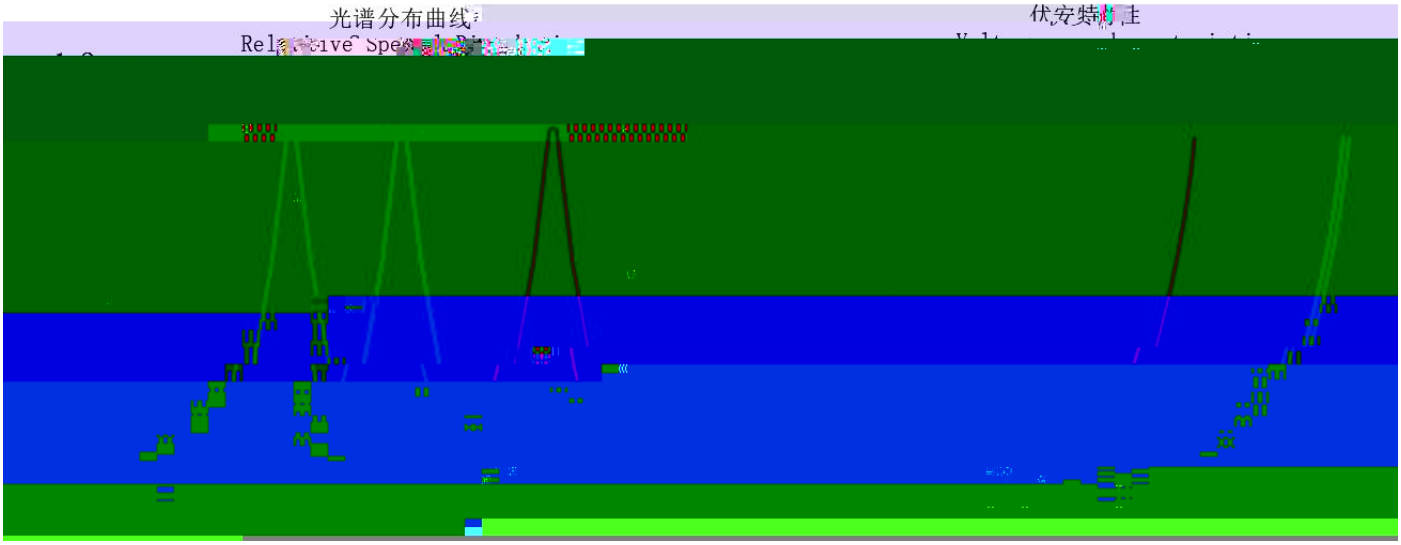
Parameter	Symbol		Rating			Unit	Test conditions
			Min	Typ	Max		
Working Voltage	VF		2.0		5.0	V	/
light intensity	Iv	R		600		mcd	IF=20mA
		G		1300		mcd	IF=20mA
		B		700		mcd	IF=20mA
Dominant wavelength	λd	R	620		625	nm	IF=20mA
		G	515		530	nm	IF=20mA
		B	460		475	nm	IF=20mA
Peak wavelength	λp	R		625		nm	IF=20mA
		G		530		nm	IF=20mA
		B		470		nm	IF=20mA
Half wave width	Δλ	R		20		nm	IF=20mA
		G		30		nm	IF=20mA
		B		25		nm	IF=20mA
Reverse current	Ir				5	μA	Vr=5V
Half light angle	2θ1/2			120		Deg	IF=20mA
Flicker period	T			5		S	IF=20mA

典型特性曲线

Flash diagram



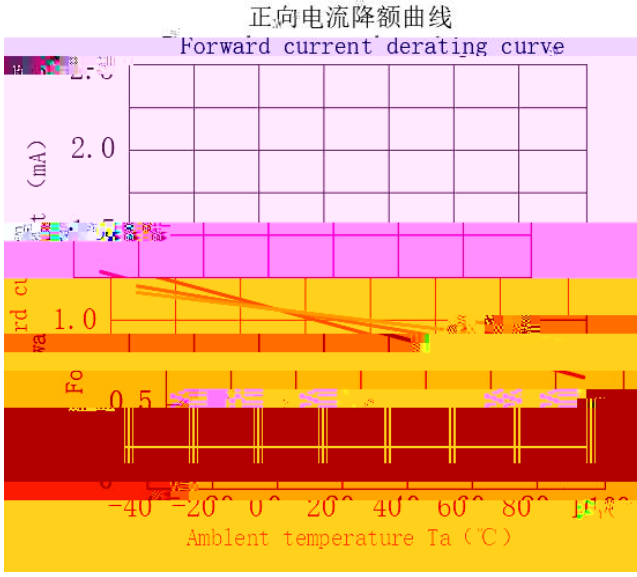
光谱分布曲线



伏安特性

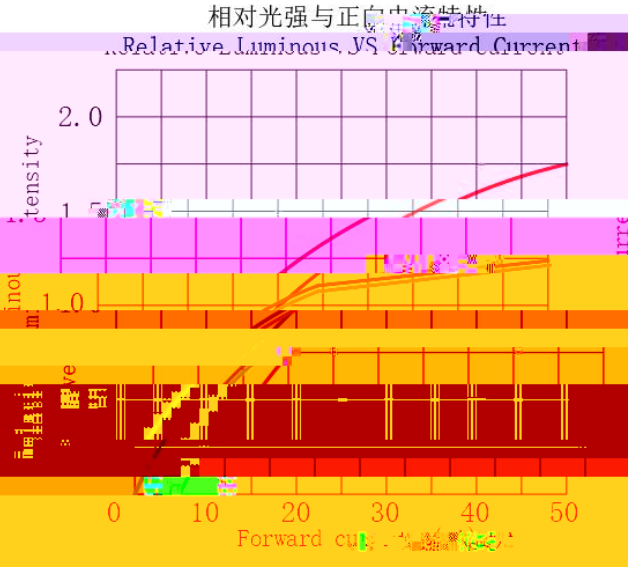
正向电流降额曲线

Forward current derating curve



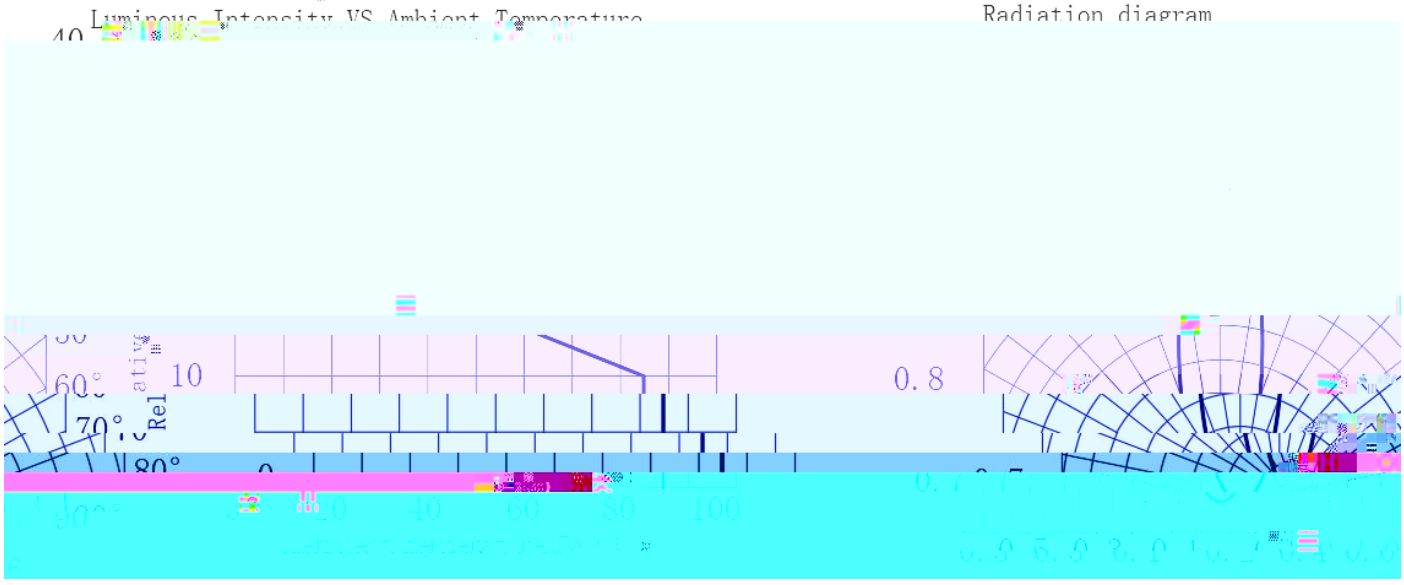
相对光强与正向电流特性

Relative Luminous VS Forward Current



光强与环境温度曲线

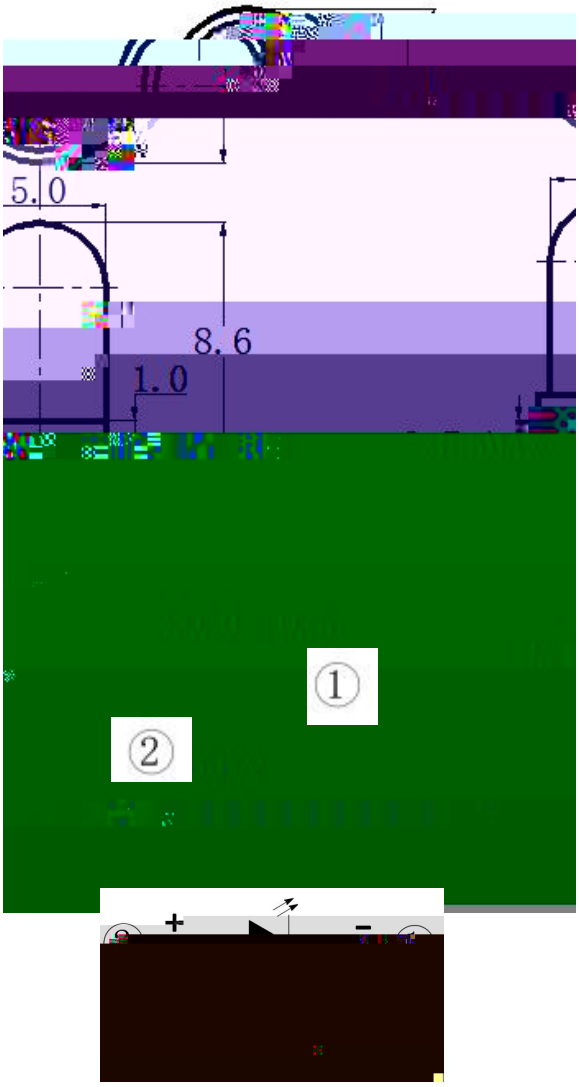
Luminous Intensity VS Ambient Temperature



相对辐射强度与空间角度关系

Radiation diagram

外形尺寸



(Note)

1.

Dimensions are in millimeters.

2. ± 0.50mm .

Tolerances unless mentioned are ± 0.50mm.

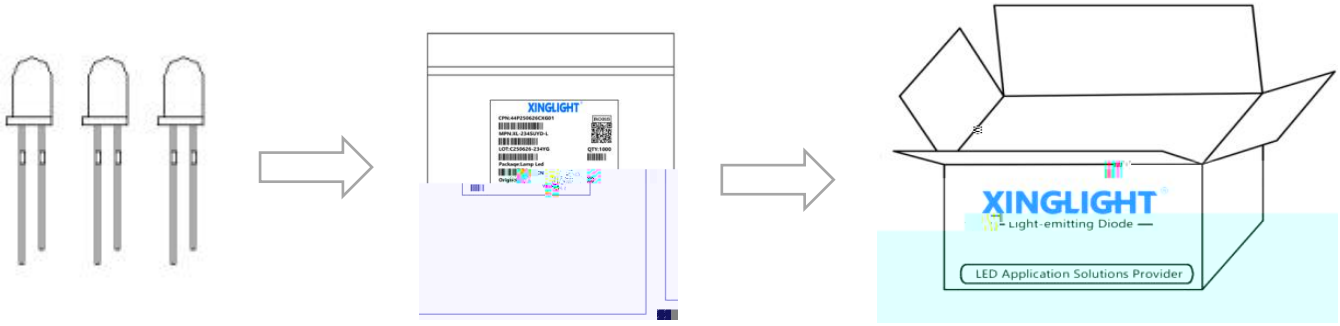
包装（ ）

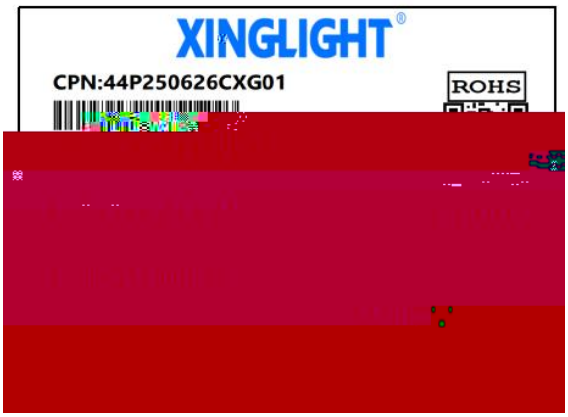
*

In Bags

*

Moisture Proof and Anti-Electrostatic Foil Bag





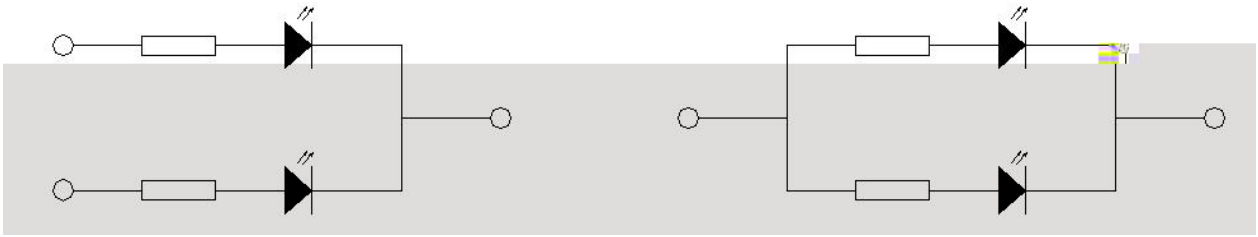
使用注意事项（ ）

1.

使用注意事项（ ）

2mm LED
LED
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.



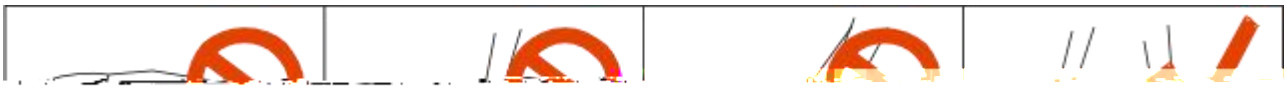
LED InGaN
HBM<1000V <100V
High increase of static electricity and current will damage LED. Use antistatic devices such as protective belts and gloves. Note: human discharge mode HBM <1000V; machine discharge mode <100V.

使用注意事项（ ）

8、其他事项：

*

*When handling the product, touching the encapsulant with bare hands will not only contaminate its surface, but also affect on its optical characteristics. Excessive force to the encapsulant might result in catastrophic failure of the LEDs due to die breakage or wire deformation. For this reason, please do not put excessive stress on LEDs, especially when the LEDs are heated such as during Reflow Soldering.



*LED

*The epoxy resin of encapsulant is fragile, so please avoid scratch or friction over the epoxy resin surface. While handling the product with tweezers, do not hold by the epoxy resin, be careful.

9、眼睛保护忠告：

*LED LED

*Viewing direct to the light emitting center of the LEDs, especially those of great Luminous Intensity, will cause great hazard to human eyes. Please be careful.

If there are any modifications to the specification sheet, no further notice will be given