

F3MM

特点 (characteristic) :

- * L/W/H :10.0*9.0*4.5mm
- Appearance dimension (L / w / h):10.0*9.0*4.5mm
- * : /
- Luminous color and colloid: Red Green Light /Red Green colloid
- * ROHS
- Environmental protection products meet ROHS requirements
- * MSL :2
- Moisture sensitivity level MSL : 2 levels
- * EIA
- EIA standard packaging
- *
- Long operating life
- *
- Reduced maintenance costs
- * 4
- High energy efficiency, fast startup

应用领域 (product application)

- *
- Internet of Things
- *
- medical treatment
- *
- converter
- *
- Storage servers and communication
- *
- Status indicator
- *
- Electronic testing instruments

目录

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自性参数

Electrical Characteristics

IC W W2 f

Initial Electrical Optical Characteristics Ta=25

Parameter	Symbol	Color.	Min.	Typ.	Max.	Unit.	Test Conditions
Luminous Intensity	Iv	R	/	500	/	mcd	IF=20mA
		YG	/	100	/		
Dominant Wave Length	λ d	R	620	/	625	nm	IF=20mA
		YG	565	/	575		
Peak Wave Length	λ p	R	/	625	/	nm	IF=20mA
		YG	/	570	/		
Forward Voltage	VF	R	1.8	/	2.4	V	IF=20mA
		YG	1.8	/	2.6		
Half wave width							



Brightness grading:

Code	Min



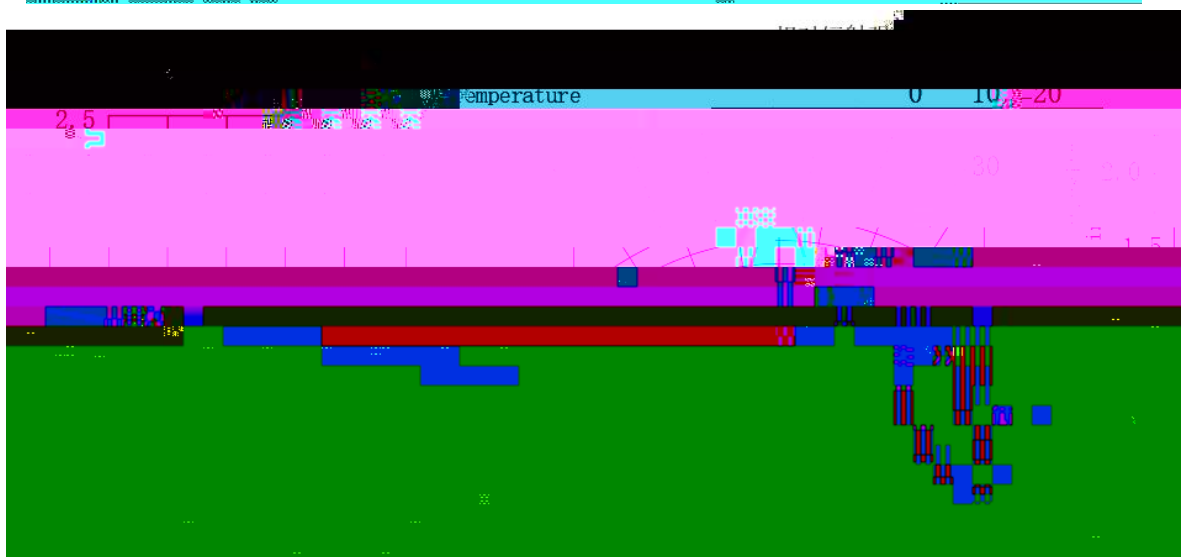
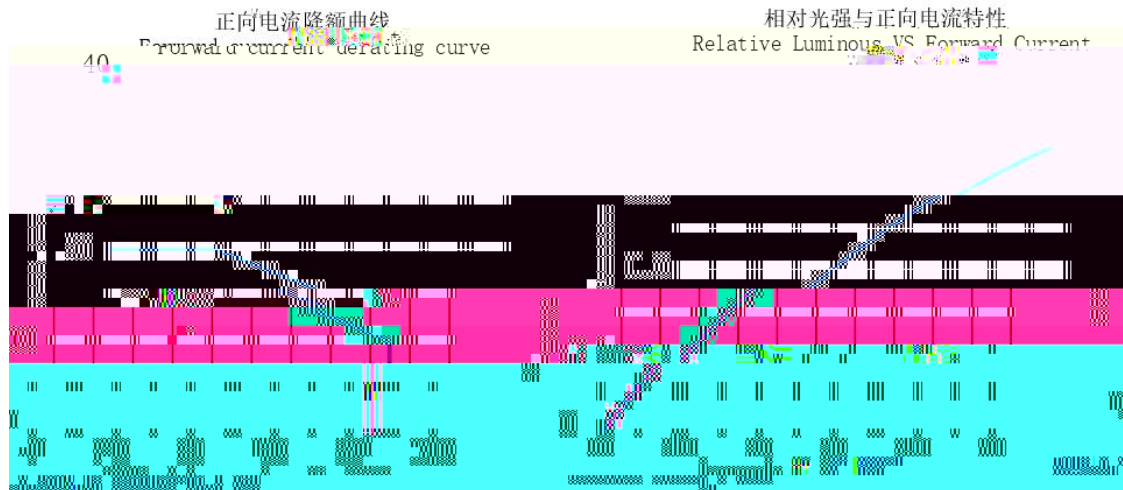
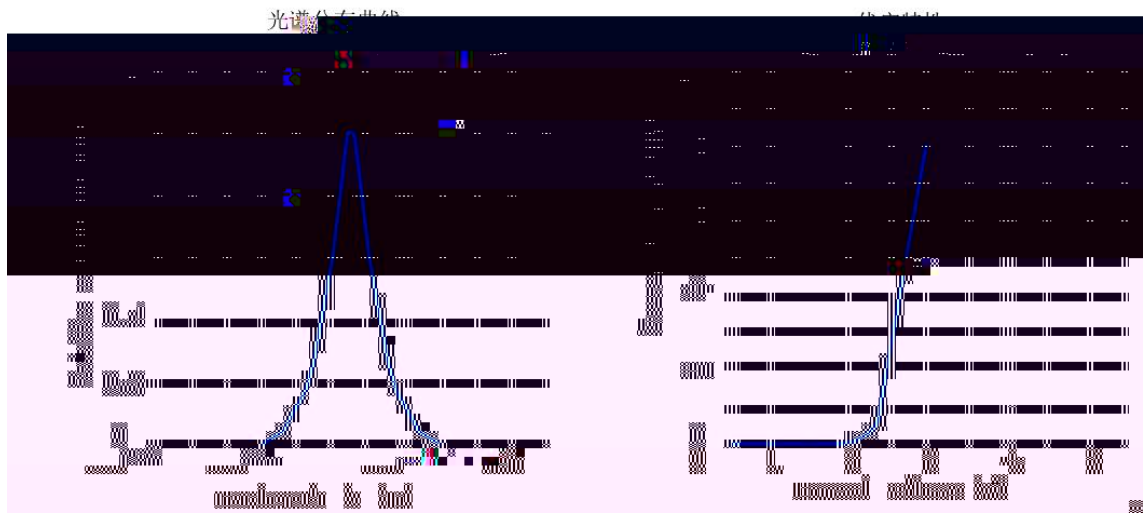
Voltage grading:



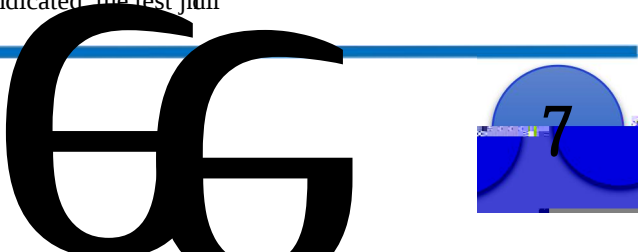
Wavelength grading:

典型特性曲线

Typical Characteristics Curves

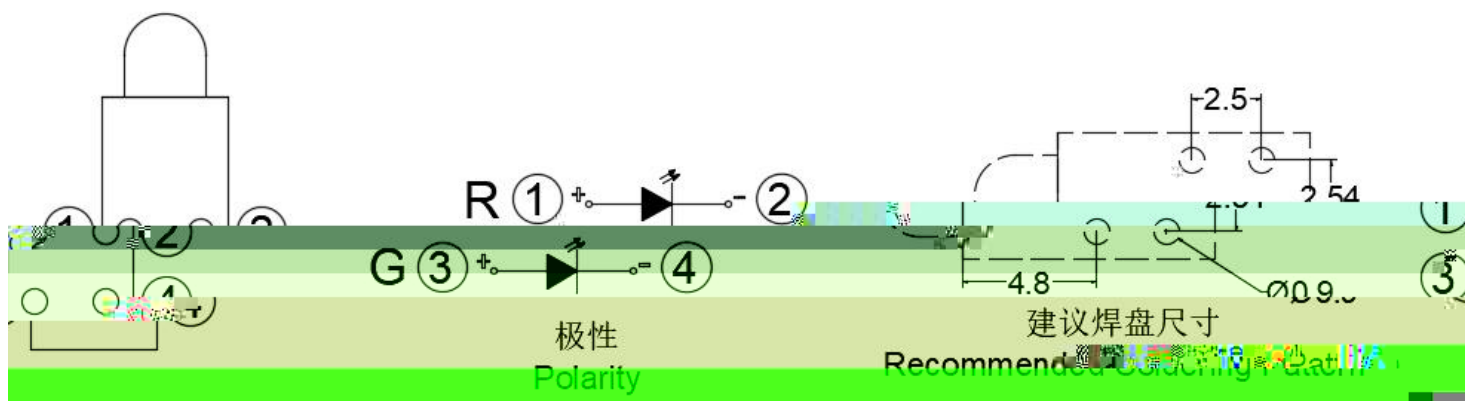
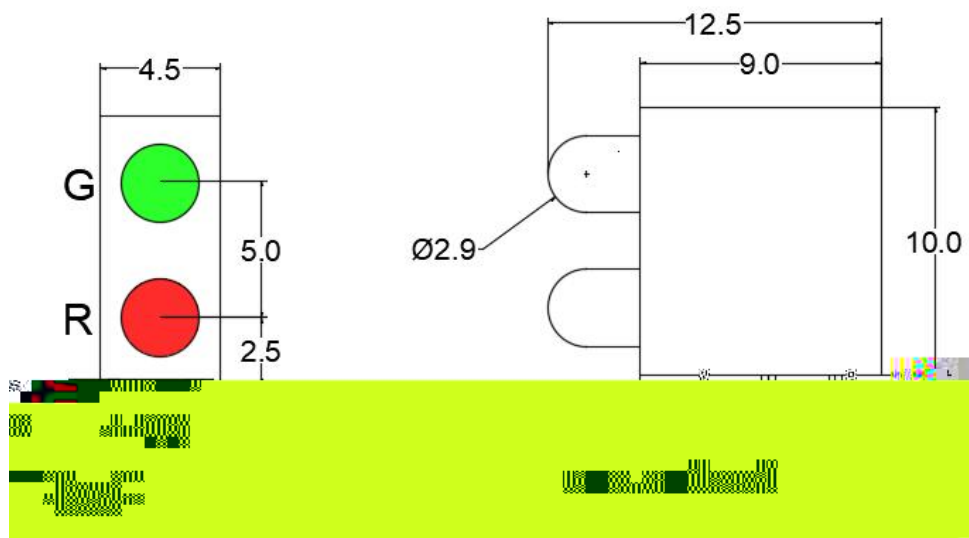


25 + 5 °C./Note: If not otherwise indicated, the test environment temperature is 25 + 5 °C.



外形尺寸

Outline Dimension



(Note)

1. Dimensions are in millimeters.
 2. $\phi 0.25\text{mm}$.
- Tolerances unless mentioned are $\phi 0.25\text{mm}$.

包装

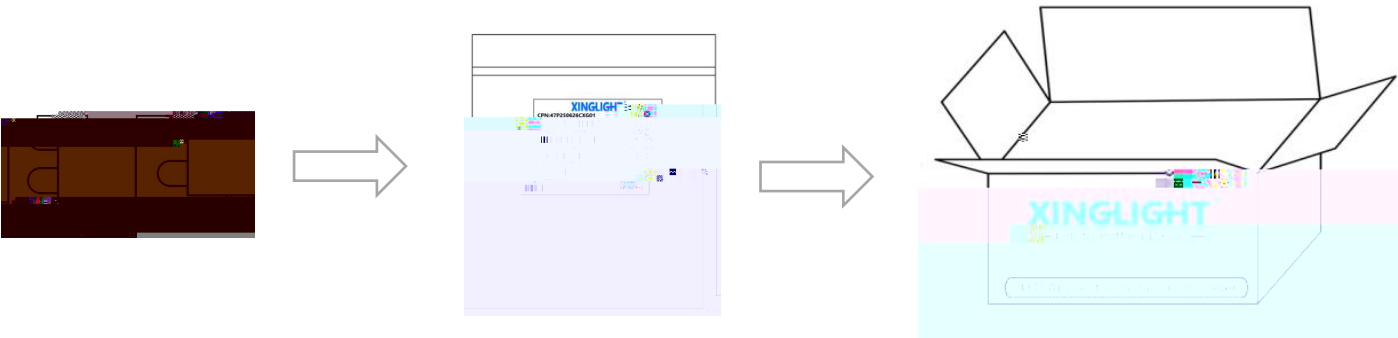
Packaging

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In Bags

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Moisture Proof and Anti-Electrostatic Foil Bag



标签说明 Label Expansion

CPN: 批号/档位 LOT: 日期/封装颜色

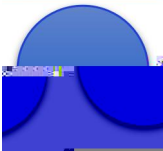
MPN: 型号 VE: 电压代码

WLT: 1000 WL: HR02

Package: LAMP LED Origin: CN



使用注意事項

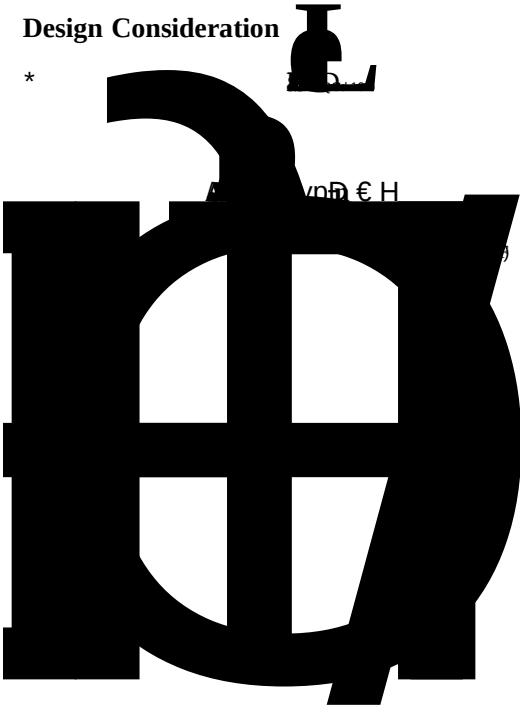


使用注意事項 (2)

Precautions (2)

Design Consideration

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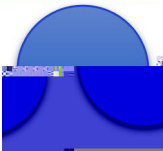


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LED

B

LED a



使用注意事项 (3)

Precautions (3)

4、其他事项:

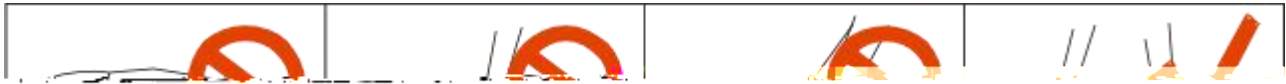
Others

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*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

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*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.

