XL-504RGBC-MS F5[illegible] 技术数据表

特点（ ）：

应用领域（ ）：

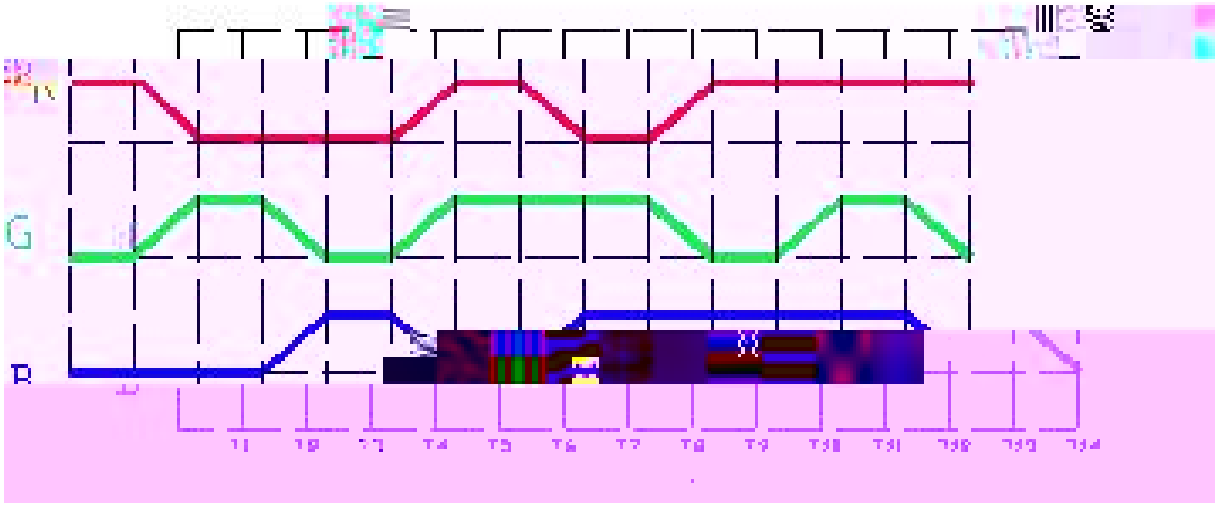
目录

Catalogue

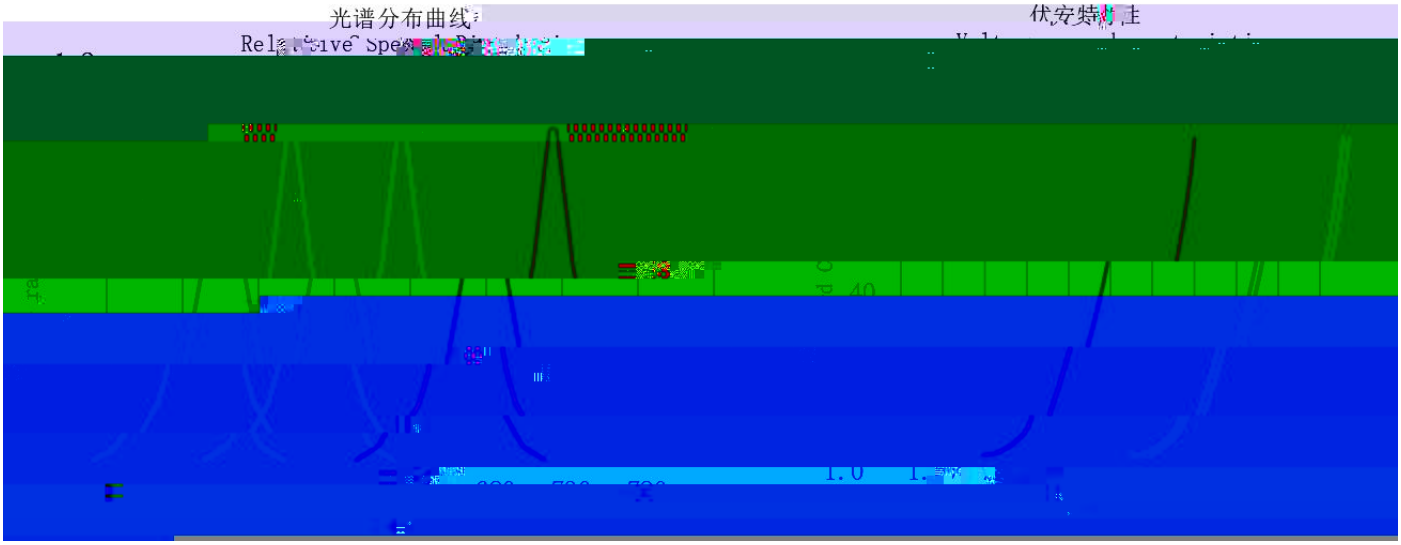
光电参数 Ta=25 Optical-electrical parameter

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			35		S	IF=20mA

典型特性曲线

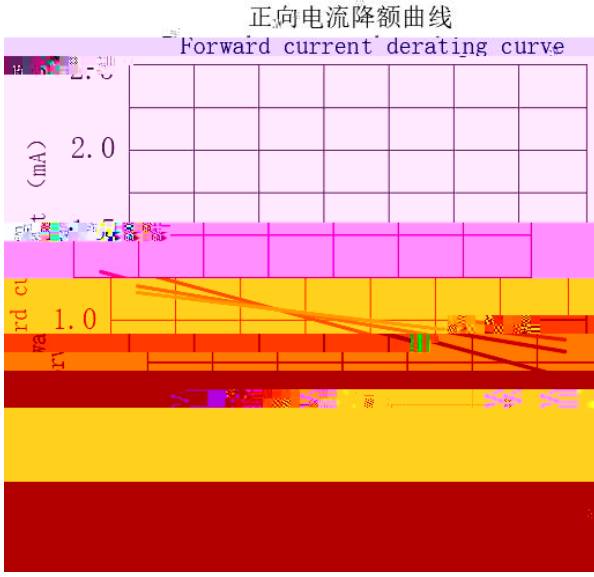


光谱分布曲线



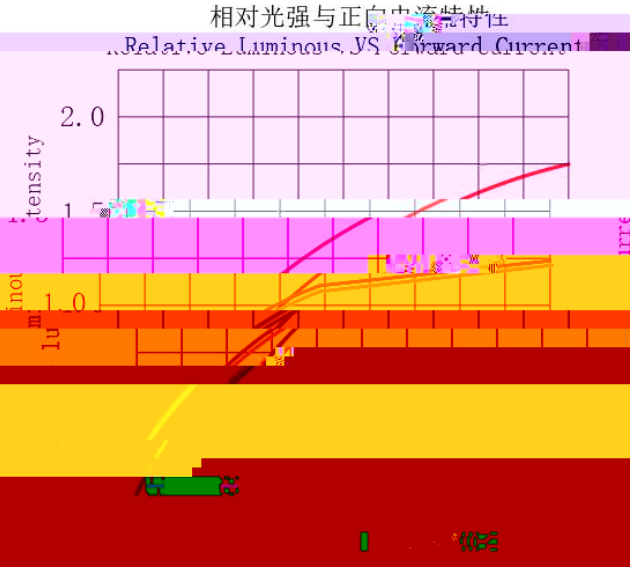
正向电流降额曲线

Forward current derating curve



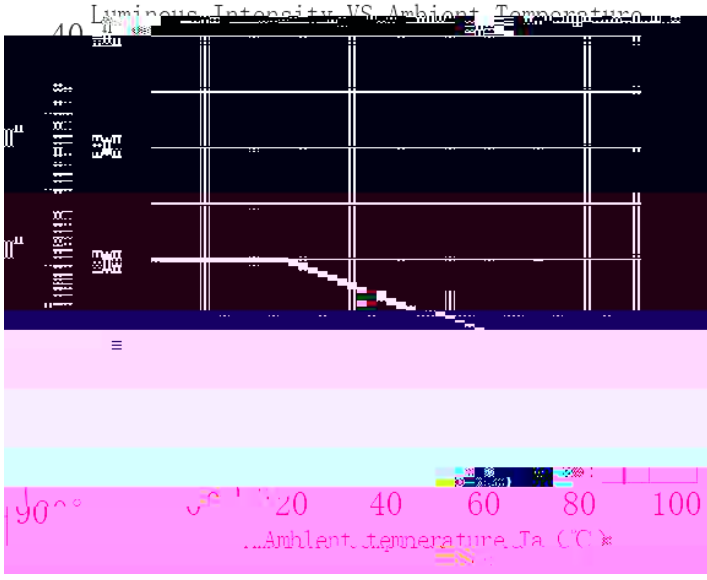
相对光强与正向电流特性

Relative Luminous VS Forward Current



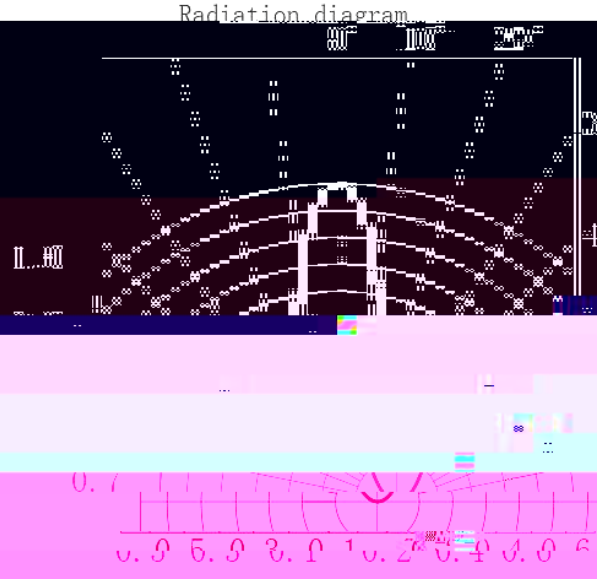
光强与环境温度曲线

Luminous Intensity VS Ambient Temperature

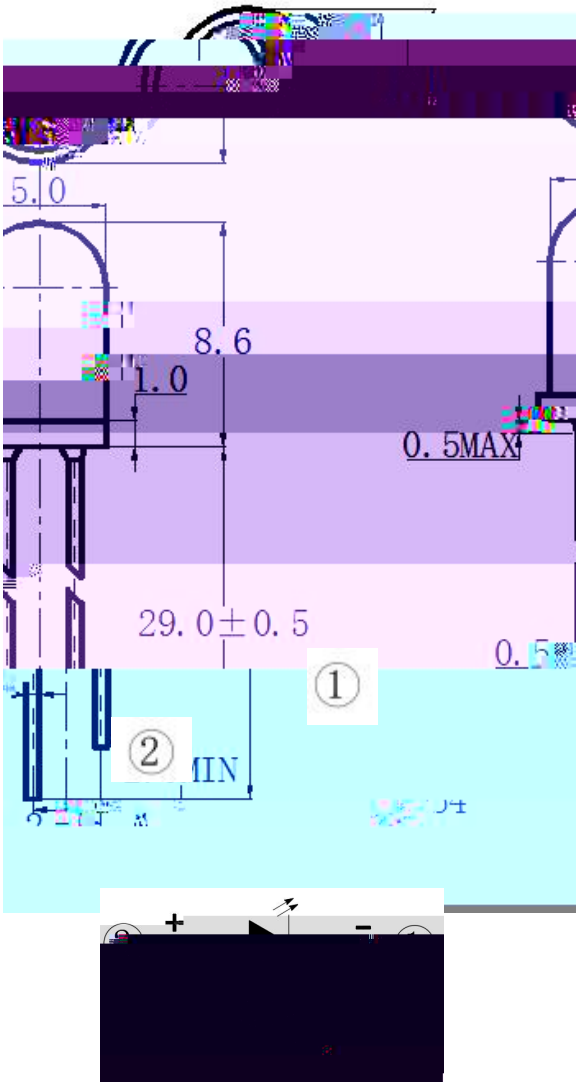


相对辐射强度与空间角度关系

Radiation diagram



外形尺寸



(Note)

Dimensions are in millimeters.

± 0.50

Tolerances unless mentioned are ± 0.50mm.

使用注意事项（ ）

1.

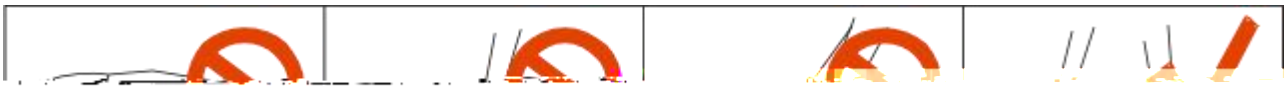
LED

This LED can be used in some ordinary electronic equipment, such as office equipment, communication equipment, house decoration, if LED is used in some high relia "

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