



目录

Catalogue

电性参数
Electrical Characteristics.....3

典型值
Typical Characteristics.....





ns



Forward Voltage vs Forward Current



VF (V)

100

IF (mA)

正向电压 VS. 正向电流关系图

Temperature vs Forward Voltage



VF (V)

3.4

T (°C)

温度 VS. 正向电压关系图

Forward Current vs Relative Luminous Flux

IF (mA)

100

Forward Current vs Relative Luminous Flux

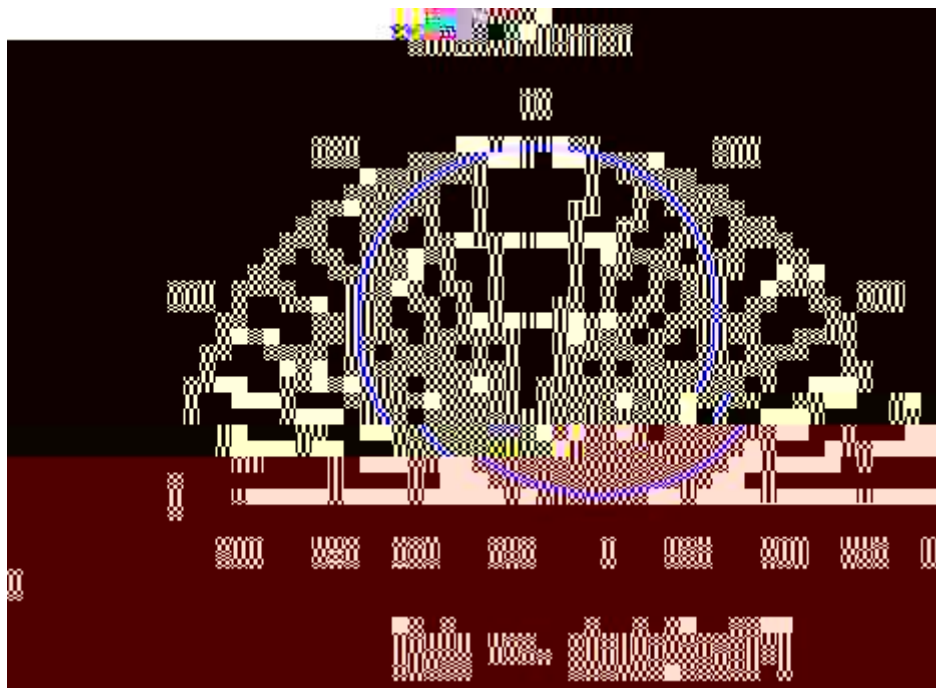
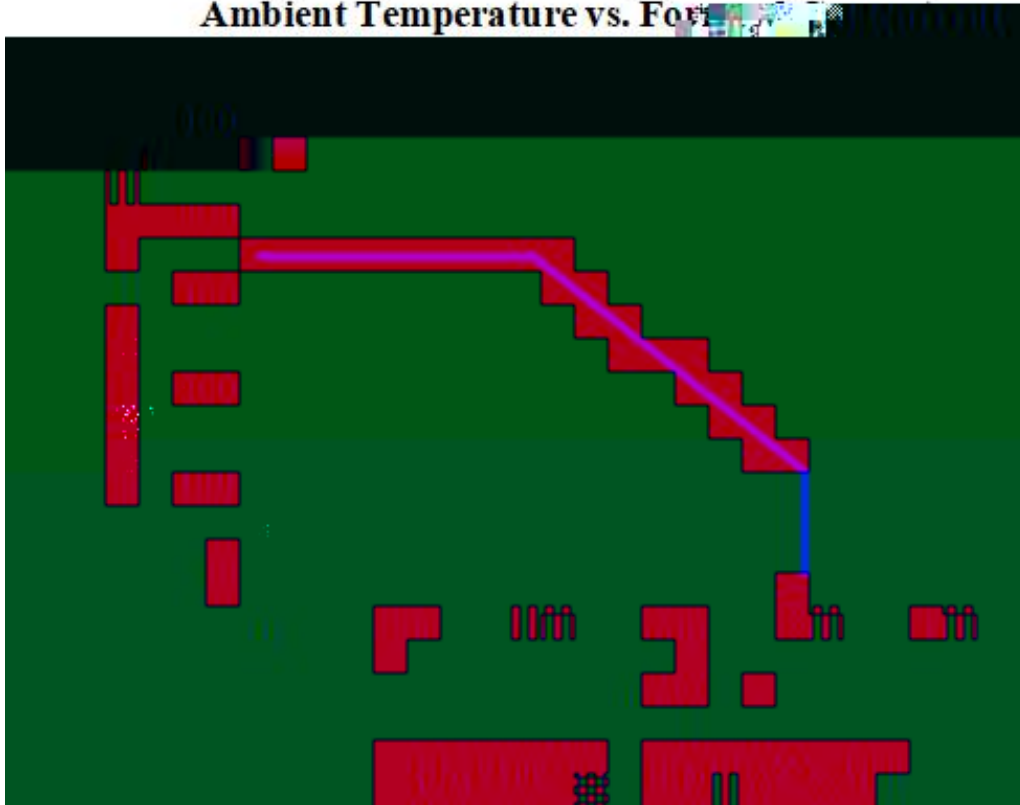
IF (mA)

100

正向电流 VS. 相对光通量关系图

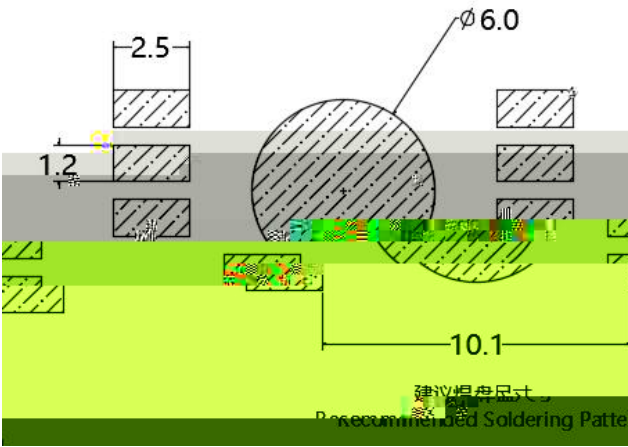
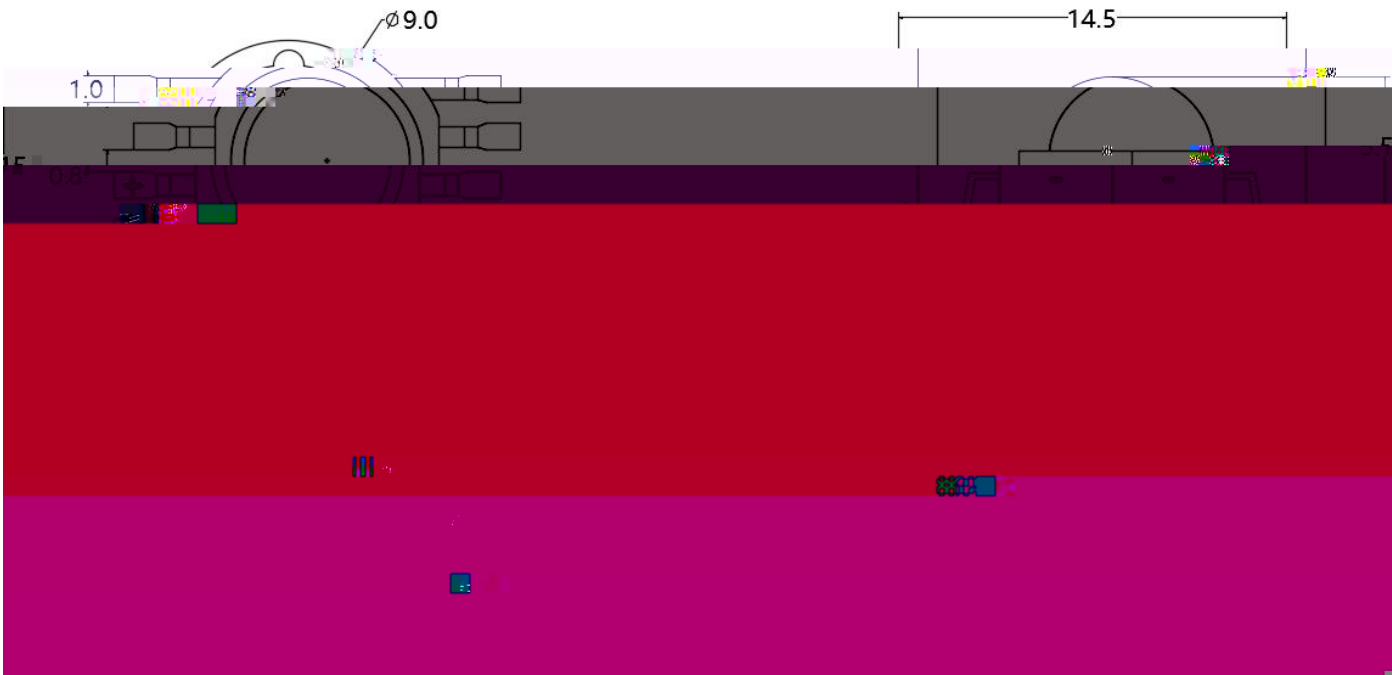
正向电流 VS. 相对光通量关系图

Ambient Temperature vs. FOV



外形尺寸

Outline Dimension



1. mm
- Remarks: All dimensions are in millimeters.
2. $\pm 0.25\text{mm}$
- Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted









Static Electricity

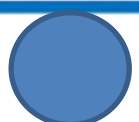
1.5
1.0
0.5
0

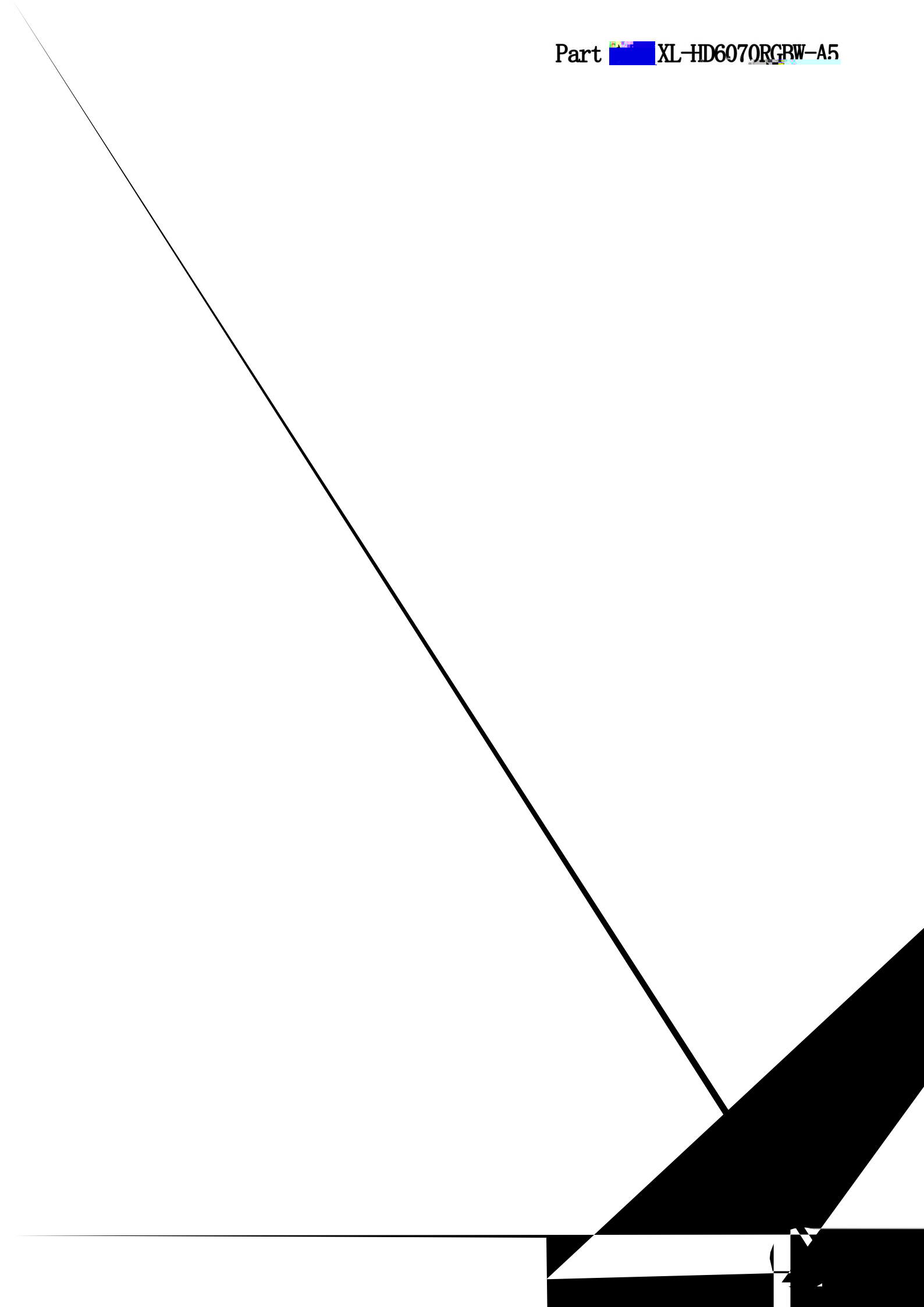
1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010

106-109

Static electricity or surge voltage damages the LEDs. Damaged LEDs will show some unusual characteristic such as the forward voltage becomes lower, or the LEDs do not light at the low current. even not light.

All devices, equipment and machinery must be properly grounded. The grounding ac resistance is less than 1.0 ohm, the table mat with surface resistance of 10⁶-10⁹ ohm is needed on the work table. Ion fans must also be installed in electrostatic environments and equipment. At the same time, it is recommended that wrist bands or anti-electrostatic gloves, anti-electrostatic containers be used when dealing with the LEDs.





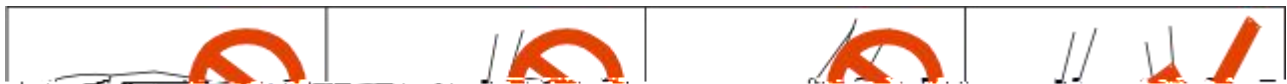
4. 其他事项:

Others

⚠

⚠

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.

5. 注意事项

Safety Advice For