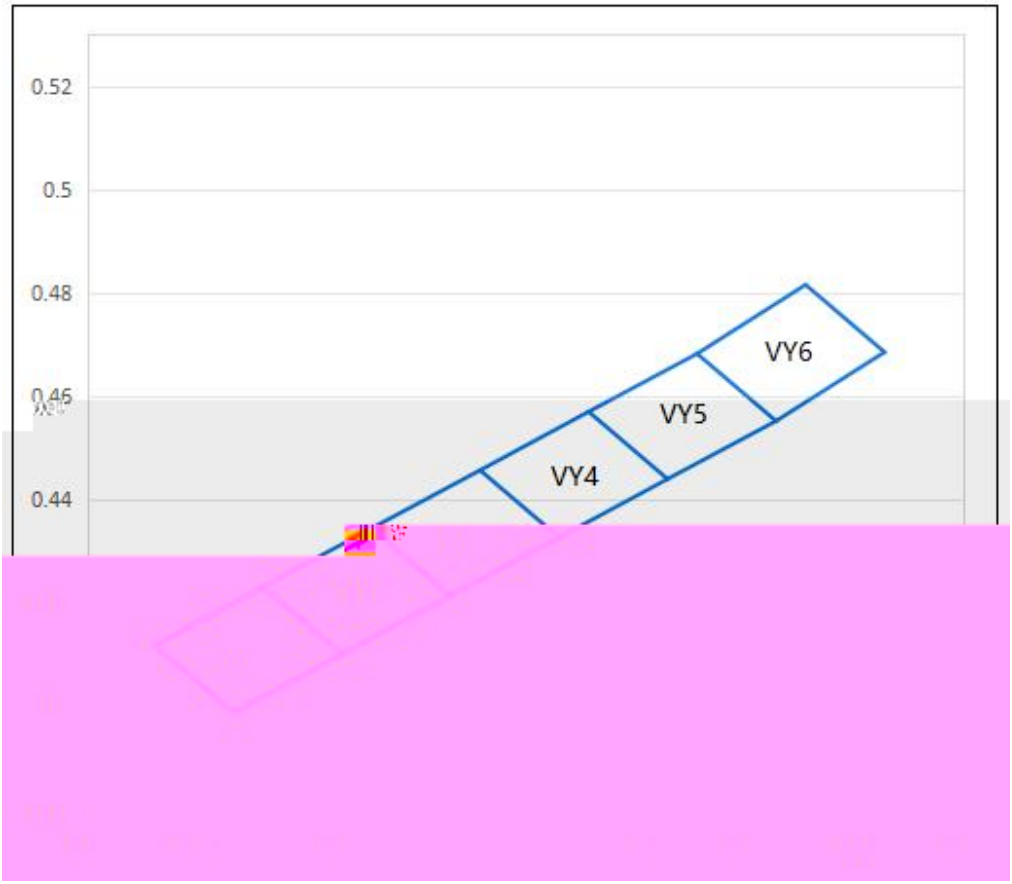
## 颜色分档




| 色区 | X | Y | X | Y | X | Y | X | Y |
|---|---|---|---|---|---|---|---|---|
| VY1 | 0.4762 | 0.412 | 0.4861 | 0.4233 | 0.4933 | 0.4103 | 0.4834 | 0.399 |

XY ±0.01 XY coordinate error ± 0.01

# 焊接指导（1）

## Guideline for Solder

使用烙铁人手焊接

30W

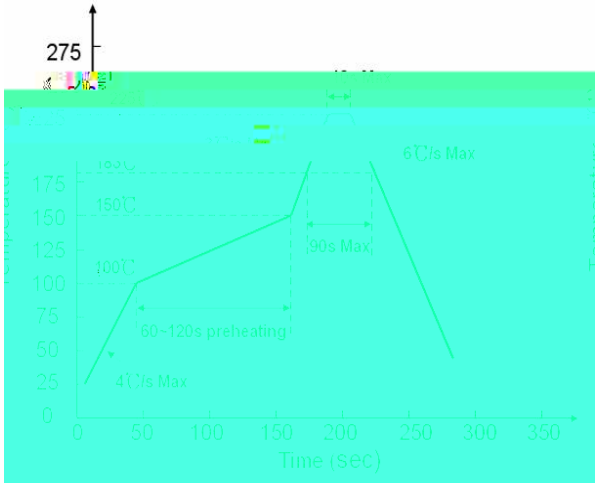
300 3

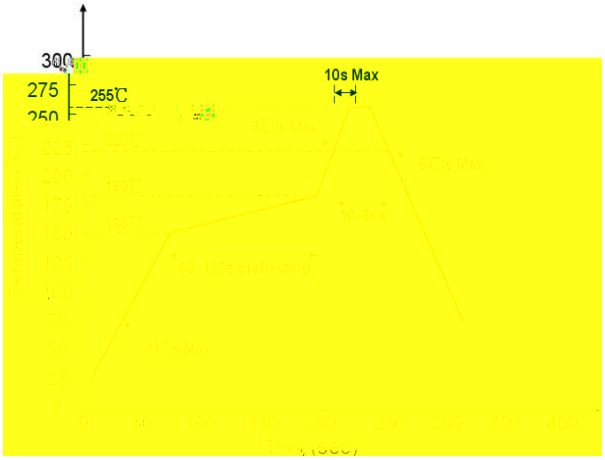
LED

Manual welding is recommended only for repair and heavy industry situations. A soldering iron of less than 30W is recommended to be used in Hand Soldering. Please keep the temperature of the soldering iron under 300 while soldering. Each terminal of the LED is to go for less than 3 second and for one time only.

Be careful because the damage of the product is often started at the time of the hand soldering.

Use the conditions shown in the under Figure of Pb -Free Reflow Soldering.




Lead process lead free

Reflow soldering should not be done more than two times.

LED

Stress on the LEDs should be avoided during heating in soldering process.

After soldering, do not deal with the product before its temperature drop down to room temperature.

240 ± 5 /6S

The recommended maximum welding temperature for the product

## 使用注意事项（1）
## utions (1)

**贮存：**

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Moisture proof and anti-electrostatic package with moisture absorbent material is used, to keep moisture to a minimum.

· 30 60%RH

Before opening the package, the product should be kept at 30 or less and humidity less than 60% RH, and be used within a year.

· 30 40%RH 168 7

30 60%RH

After opening the package, the product should be stored at 30 or less and humidity less than 40%RH, and be soldered within 168 hours (7 days). It is recommended that the product be operated at the workshop condition of 30 or less and humidity less than 60%RH.

· LED

60 ± 5 24

If the moisture absorbent material has fade away or the LEDs have exceeded the storage time, baking treatment should be performed based on the following condition: (60 ± 5) for 24 hours.

**静电：**

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.

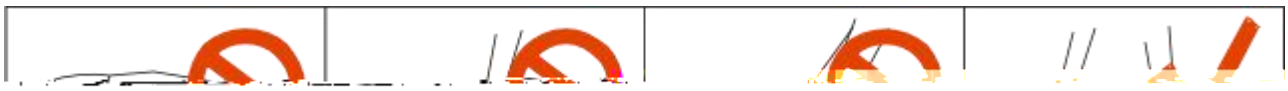
All devices, equipment and machinery must be properly grounded. At the same time, it is recommended that wrist bands or anti-electrostatic gloves, anti-electrostatic containers be used when dealing with the LEDs.

## 使用注意事项（3）

**Precautions (3)**

**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.

**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