



# 样品承认书

## Sample Approval Sheet

产品类别(product type):SMD		
产品名称(product name): 0805Yellow		
产品编号(Part No.): WEJT81YC-881		
样品编号(Sample No.):		
承认书编号(Acknowledgement Numbers):		
<b>签核 (Signatures)</b>		
<b>核准(Approved)</b>	<b>审核(Checked)</b>	<b>制定(Drawn)</b>

<b>客户 (Customer)</b>		
公司名称(Corporation):		
物料编码(material No.):		
物料名称(Part No.):		
<b>客户确认 (Customer Signatures)</b>		

地址: 深圳市光明新区公明街道玉律社区第六工业区 21 栋

Factory Add:21st Bld yulv 6th industrial Park,Gen yu Road gongming New District,Shenzhen, Guang Dong China

电话(tel): 0755-29785600 29785800 传真(fax): 0755-29785100 联系人(contact person):

网址(web site): [www.wej.cn](http://www.wej.cn)

邮箱(mail): [sale@yongerjia.com](mailto:sale@yongerjia.com)



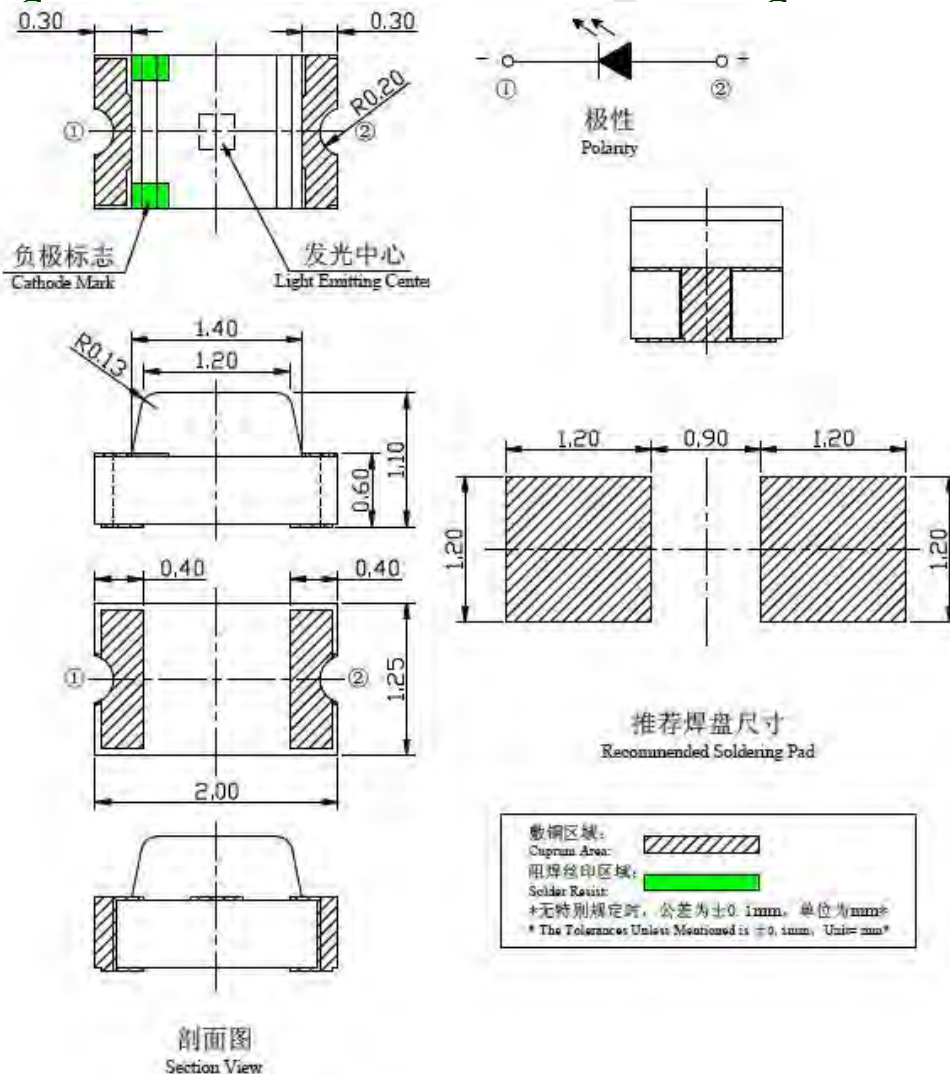
### Features

- ※ Good reliability and long life.
- ※ Extremely wide viewing angle.
- ※ Suitable for all SMT assembly and solder process.
- ※ Package:3000pcs/reel.
- ※ ROHS compliant.

### Description

The Yellow SMD are made With AlGaInP on substrate Light Emitting Diode and Water clear epoxy resin.

### Package Dimensions And Recommended Soldering Pattern





Selection Guide

Part No. (产品型号)	Emitted Color (发光颜色)	Resin color (胶体颜色)	Viewing Angle(1) (发光角度) 201/2
WEJT81YC-881	Yellow	Water Clear	130

Notes:

1.  $\theta_{1/2}$  is the angle from optical centerline where the luminous intensity is 1/2 of the optical peak value.

**Absolute Maximum Ratings(Ta=25°C)**

极限参数 (温度=25°C):

参数名称 Parameter	符号 Symbol	数值 Rating	单位 Unit
正向电流 Forward Current	$I_F$	25	mA
正向脉冲电流* Pulse Forward Current*	$I_{FP}$	100	mA
反向电压 Reverse Voltage	$V_R$	5	V
工作温度 Operating Temperature	$T_{OPR}$	-30 ~ +85	°C
贮存温度 Storage Temperature	$T_{stg}$	-40 ~ +100	°C
功耗 Power Dissipation	$P_D$	75	mW

\* 注: 脉冲宽度 $\leq 0.1ms$ , 占空比 $\leq 1/10$

\* Note: Pulse width $\leq 0.1ms$ , Duty $\leq 1/10$

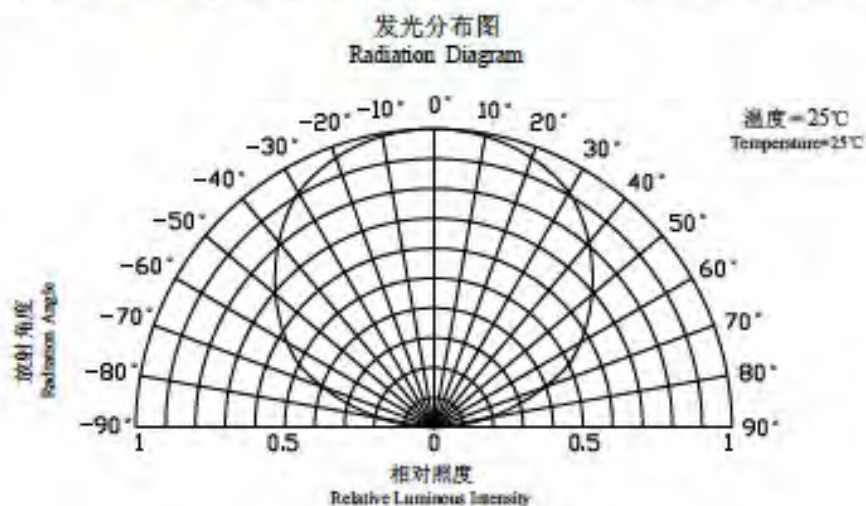
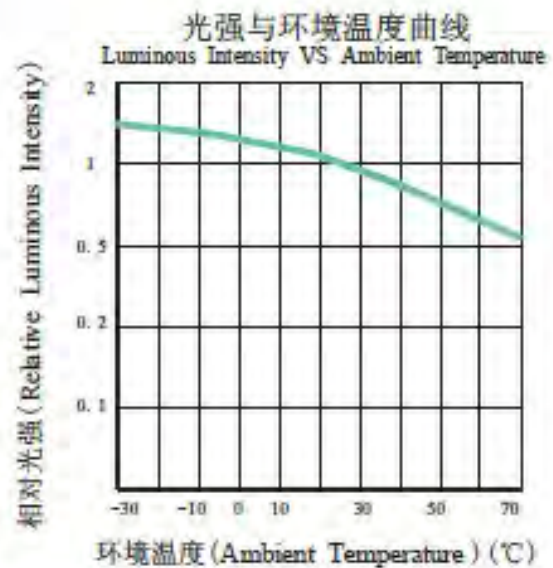
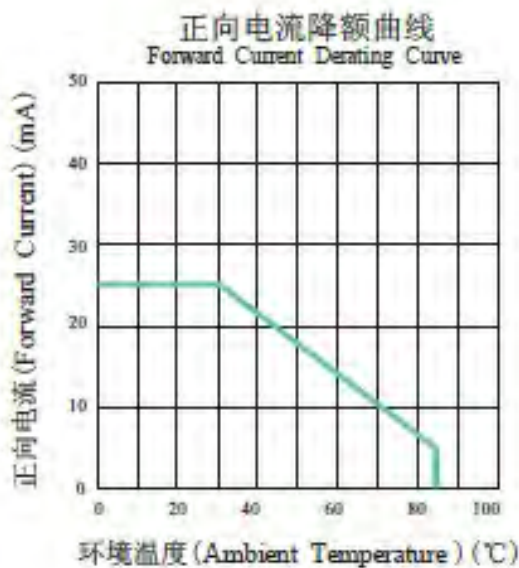
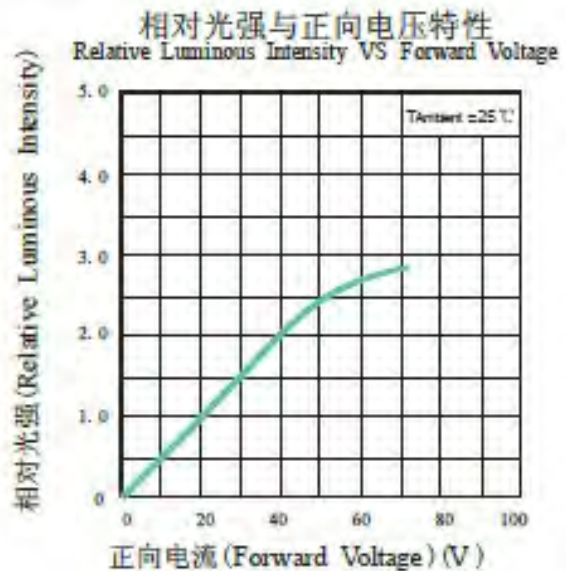
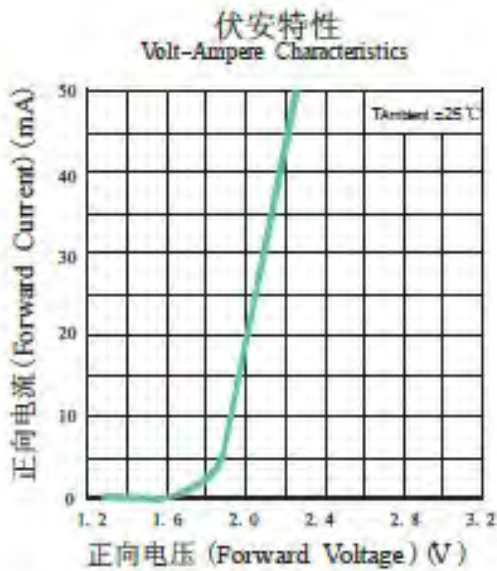
**Typical Electrical and Optical Characteristics(Ta=25°C)**

光电参数 (温度=25°C):

参数名称 Parameter	符号 Symbol	条件 Condition	最小值 Min.	典型值 Typ.	最大值 Max.	单位 Unit
反向电流 Reverse Current	$I_R$	$V_R=5V$			10	$\mu A$
正向电压 Forward Voltage	$V_F$	$I_F=20mA$		2.0	2.5	V
峰值波长 Peak Wavelength	$\lambda_P$			585		nm
主波长 Dominant Wavelength	$\lambda_D$		582.5	585	595	nm
半波宽度 Spectrum Radiation Bandwidth	$\Delta\lambda$			20		nm
光强 Luminous Intensity	$I_V$		60	80	150	mcd
视角 View Angle	$2\theta_{1/2}$				130	

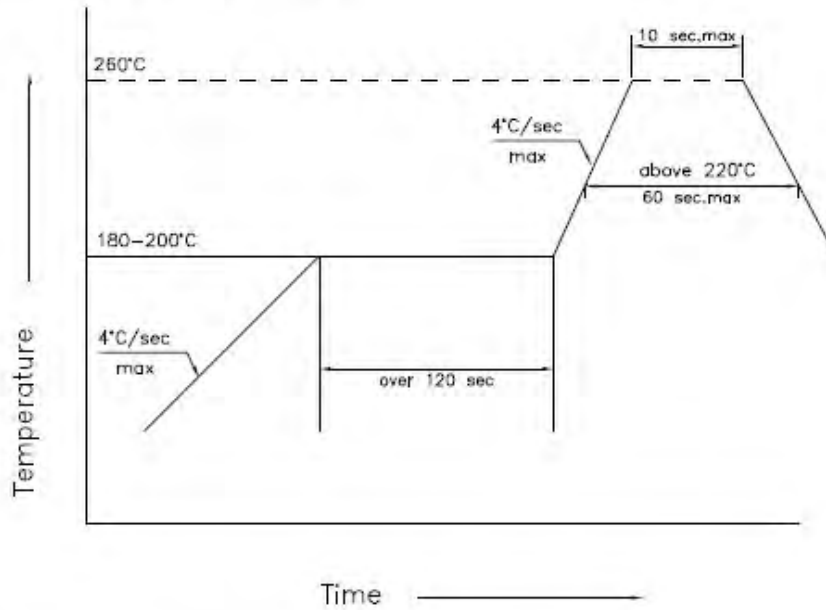


### Typical Electrical / Optical Characteristics Curves





## SMT Reflow Soldering Instructions



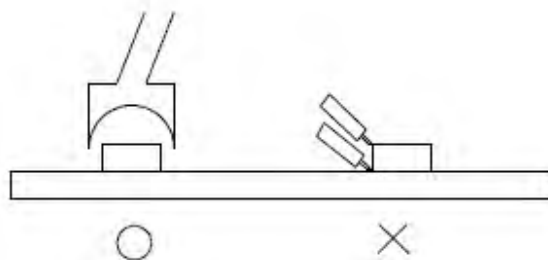
- 1.Reflow soldering should not be done more than two times
- 2.When soldering , do not put stress on the LEDs during heating

## Soldering iron

- 1.When hand soldering, the temperature of the iron must less than 300°C for 3 seconds
- 2.The hand solder should be done only one times

## Repairing

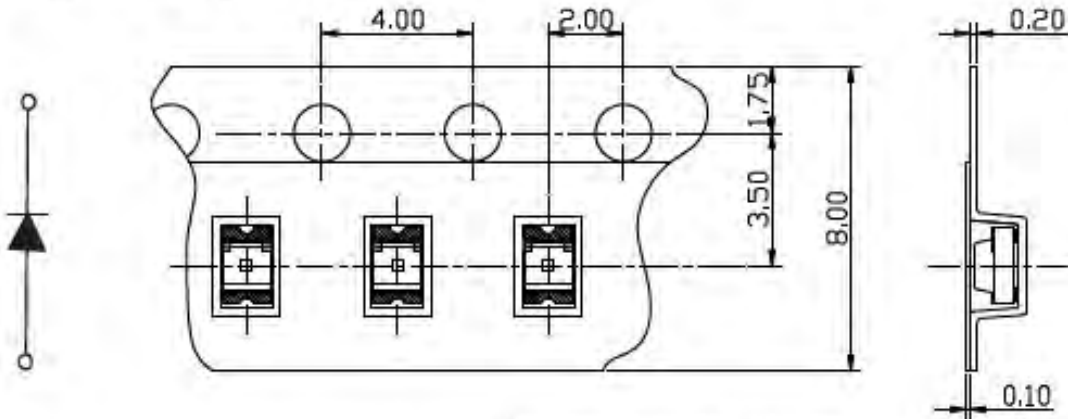
Repair should not be done after the LEDs have been soldered. When repairing is unavoidable, a double-head soldering iron should be used (as below figure). It should be confirmed beforehand whether the characteristics of LEDs will or will not be damaged by repairing.





### Packaging

#### 载带 Carrier Tape

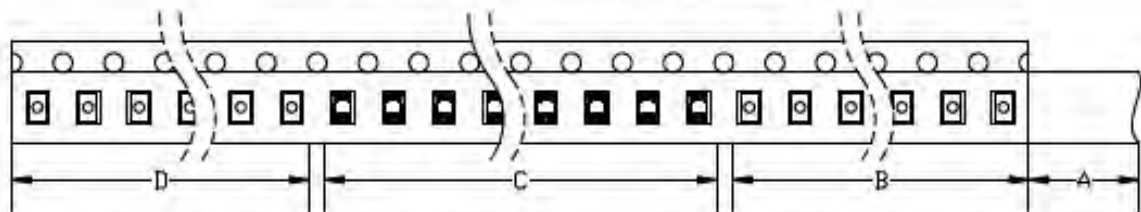


单位: mm, 未注公差:  $\pm 0.1$  mm

All dimensions in mm, tolerances unless mentioned is  $\pm 0.1$  mm.

#### 编带细节 Details Of Carrier Tape

前进方向 Progressive Direction →

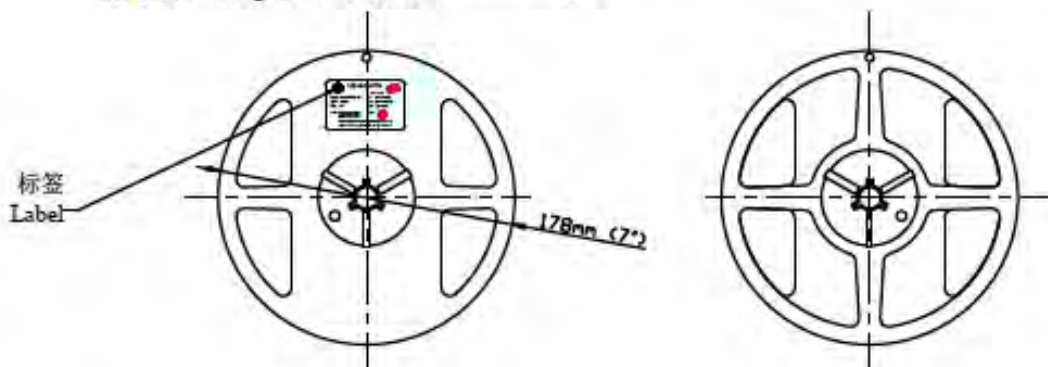


A: 盖带, 300 mm; B: 引导, 空带, 200mm; C: 编带产品 3000 只; D: 尾部, 空带, 200mm

A: Top Cover Tape, 300mm; B: Leader, Empty, 200mm; C: 3000 Lamps Loaded; D: Trailer, Empty, 200mm

#### 带盘 Reel Dimension

前进方向 Progressive Direction →



标签  
Label

178mm (7")