



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):		
签核 (Signatures)		
核准(Approved)	审核(Checked)	制定(Drawn)

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

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):

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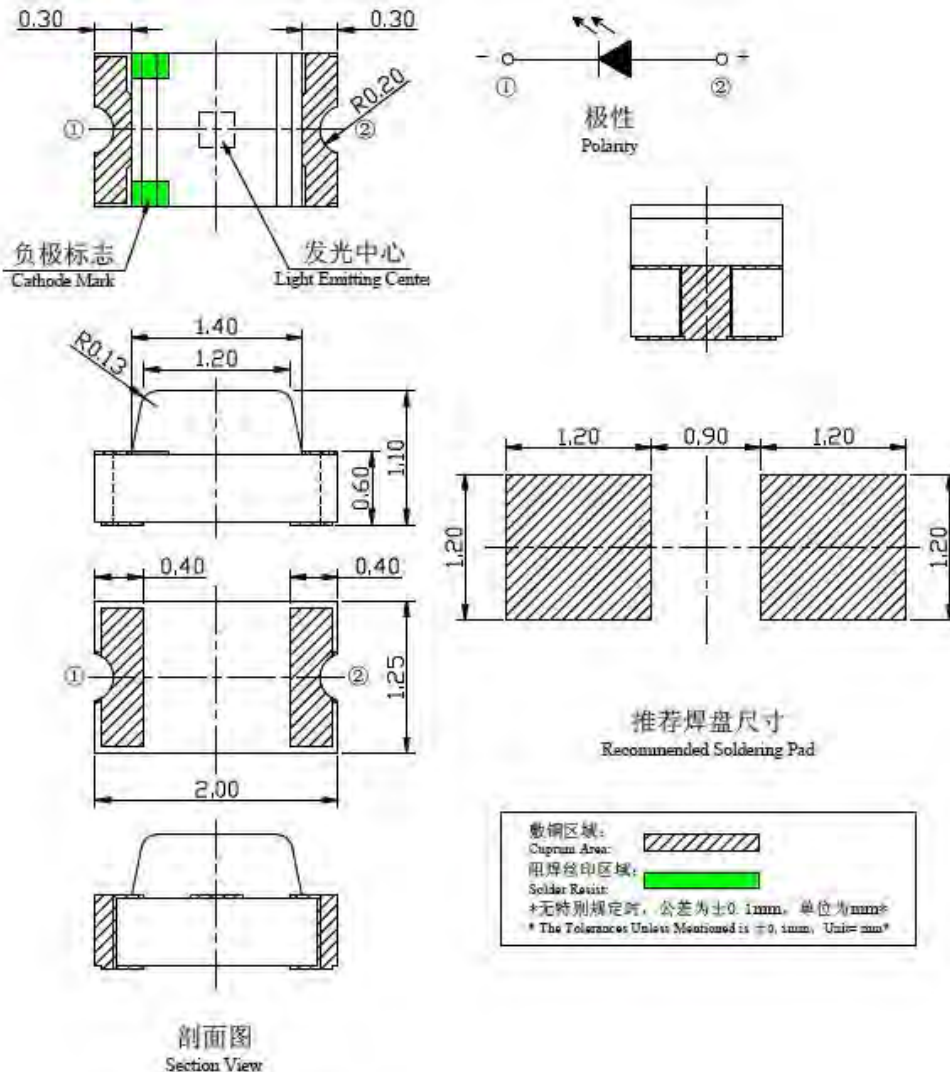
Features

- ※ 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 $\leq 1/10$

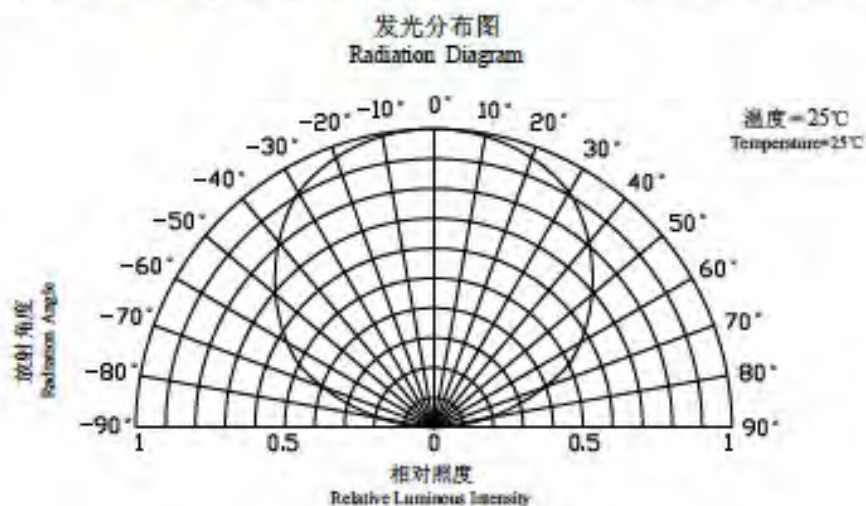
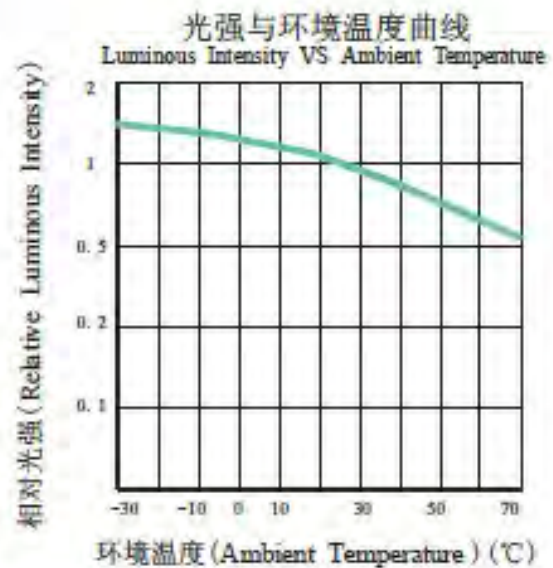
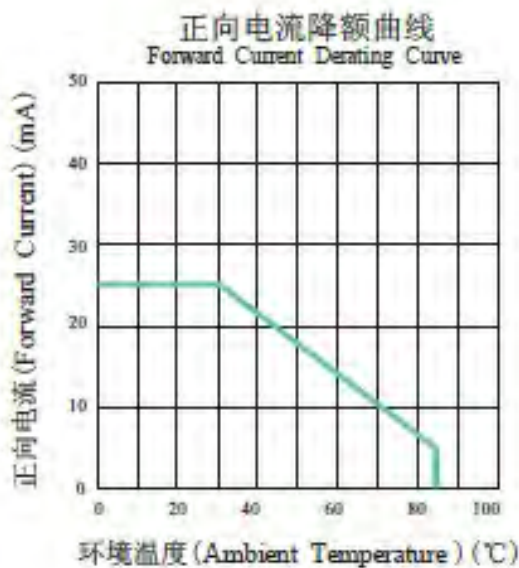
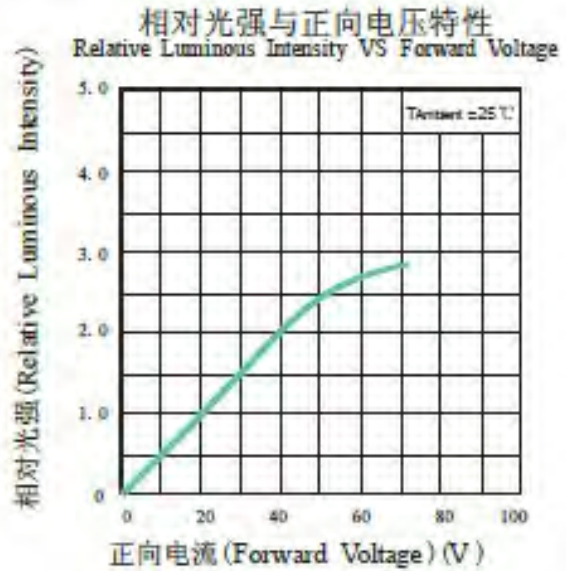
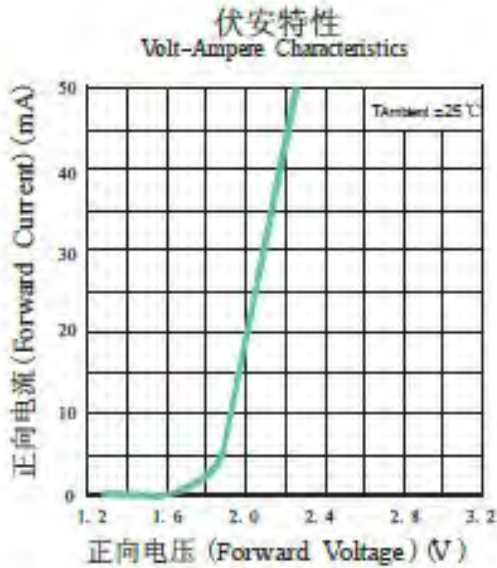
Typical Electrical and Optical Characteristics(Ta=25°C)

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	μA
正向电压 Forward Voltage	V_F	$I_F=20mA$		2.0	2.5	V
峰值波长 Peak Wavelength	λ_P			585		nm
主波长 Dominant Wavelength	λ_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	deg.

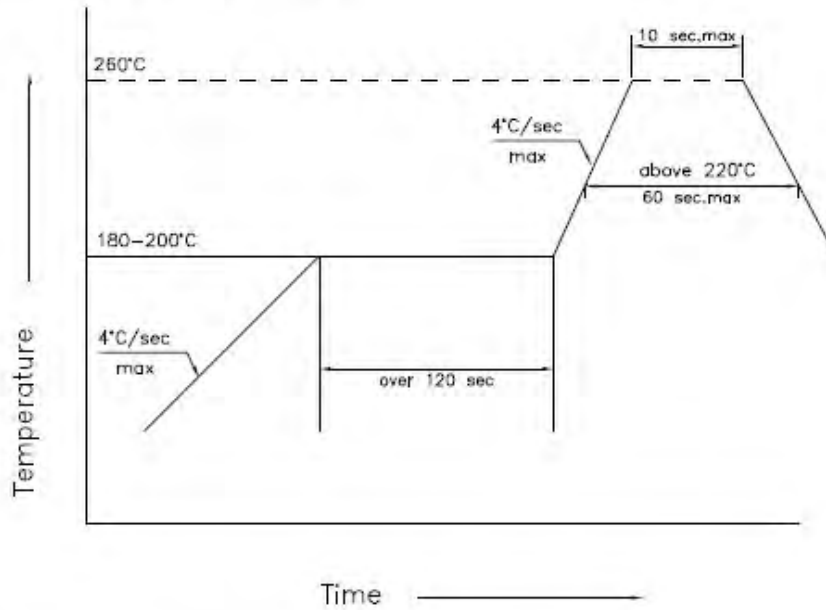


Typical Electrical / Optical Characteristics Curves





SMT Reflow Soldering Instructions



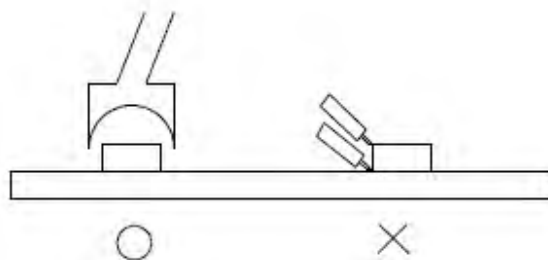
- 1.Reflow soldering should not be done more than two times
- 2.When soldering , do not put stress on the LEDs during heating

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

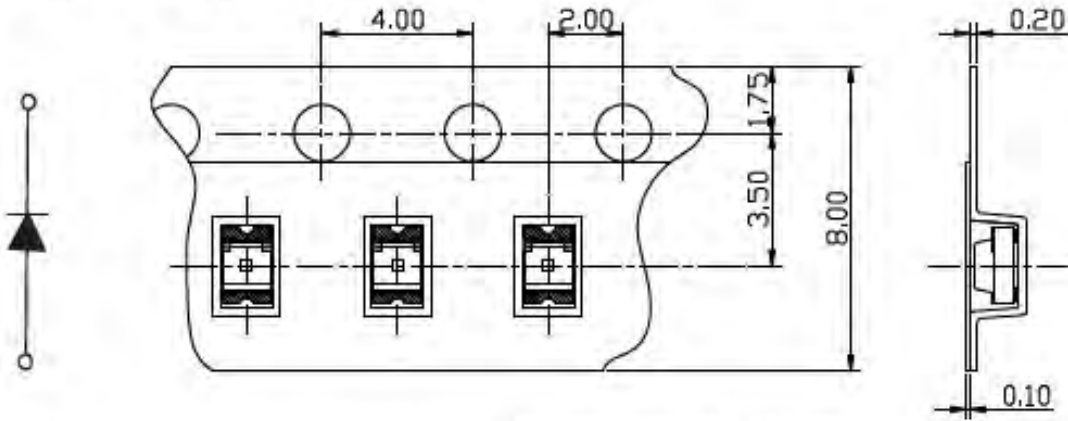
Repair should not be done after the LEDs have been soldered. When repairing is unavoidable, a double-head soldering iron should be used (as below figure). It should be confirmed beforehand whether the characteristics of LEDs will or will not be damaged by repairing.





Packaging

载带 Carrier Tape

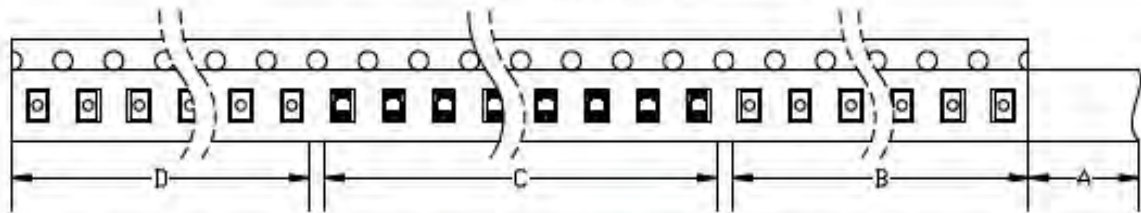


单位: mm, 未注公差: ± 0.1 mm

All dimensions in mm, tolerances unless mentioned is ± 0.1 mm.

编带细节 Details Of Carrier Tape

前进方向 Progressive Direction →

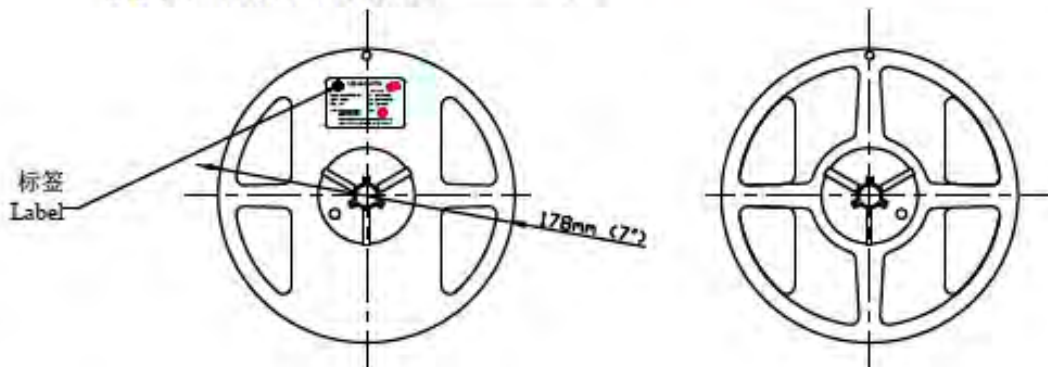


A: 盖带, 300 mm; B: 引导, 空带, 200mm; C: 编带产品 3000 只; D: 尾部, 空带, 200mm

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")