技术数据表

特点（C ）：

*

High reliability High radiant intensity Low forward voltage

*

Fast response time High photo sensitivity

* 940nm

Cut-off visible wavelength λp=940nm

* Rohs

Pb.Free RoHS compliant version

* MSL :2

Moisture sensitivity level MSL : 2 levels

应用领域（P ）：

*

Slot machines

*

Small home appliances

*

Automatic Sensors

*

Fax machine

*

Scanner

目录

Catalog

Ǝ Ǝ G C 3 v

电性参数

✧极限参数 =25 ：Absolute Maximum Ratings (Temperature=25ÁC):

光电参数（温度=25℃）：

Electro-Optical Charasteristics (Temperature=25ÁC):

[redacted]

电压分档：

代码	最小值	最大值	单位	测试条件
R2-4	1.2	1.6	V	IF=20mA

光电流分档：

Collector Current grading：

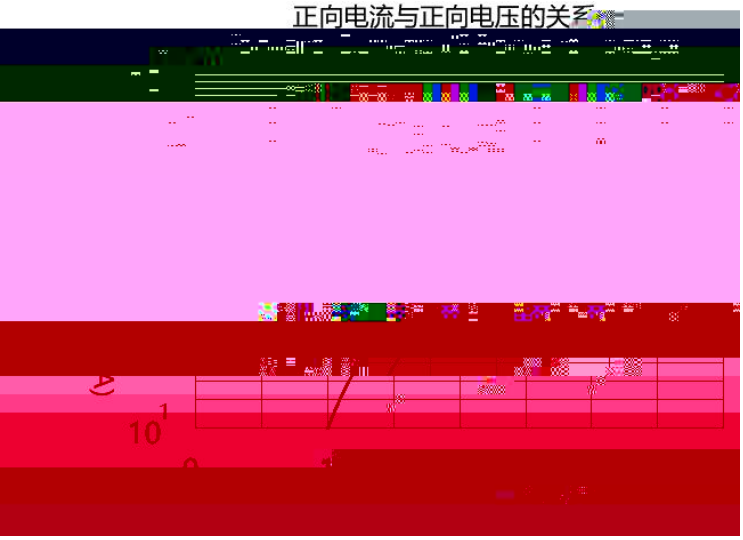
代码	最小值	最大值	单位	测试条件
IC23-33	4	14	mA	IF=20mA VCE=5V

典型特性曲线

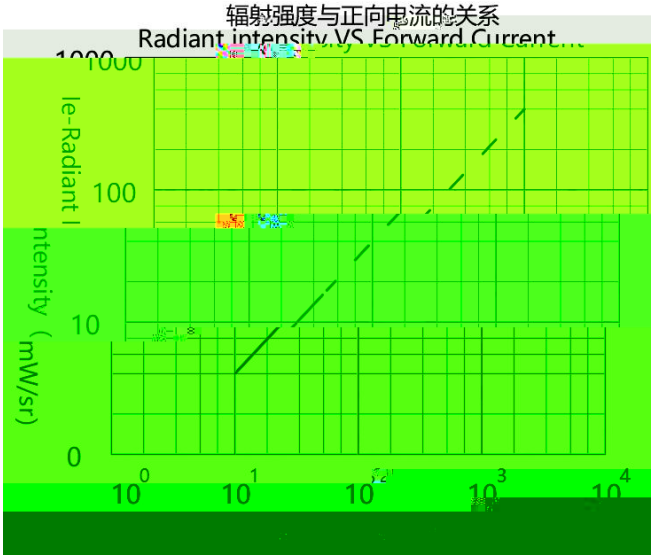
发射管特性曲线图 Typical Electro-Optical Characteristics Curves-IR

正向电流与环境温度的关系
Forward Current VS Ambient Temperature

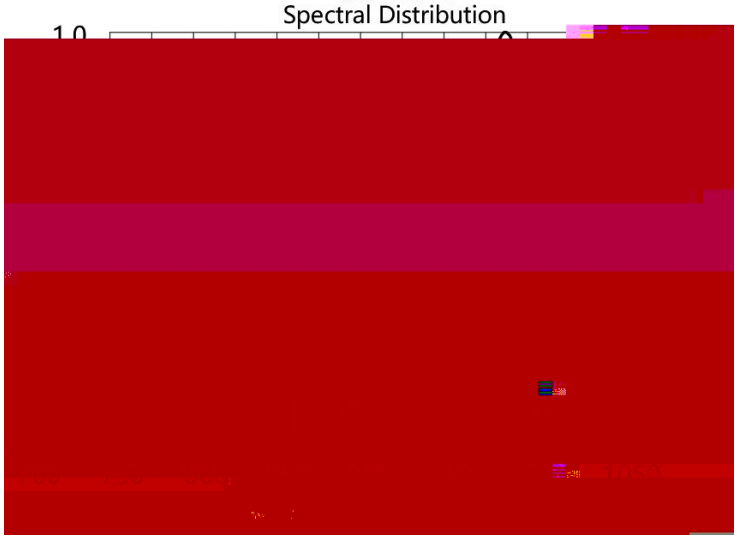
正向电流与正向电压的关系



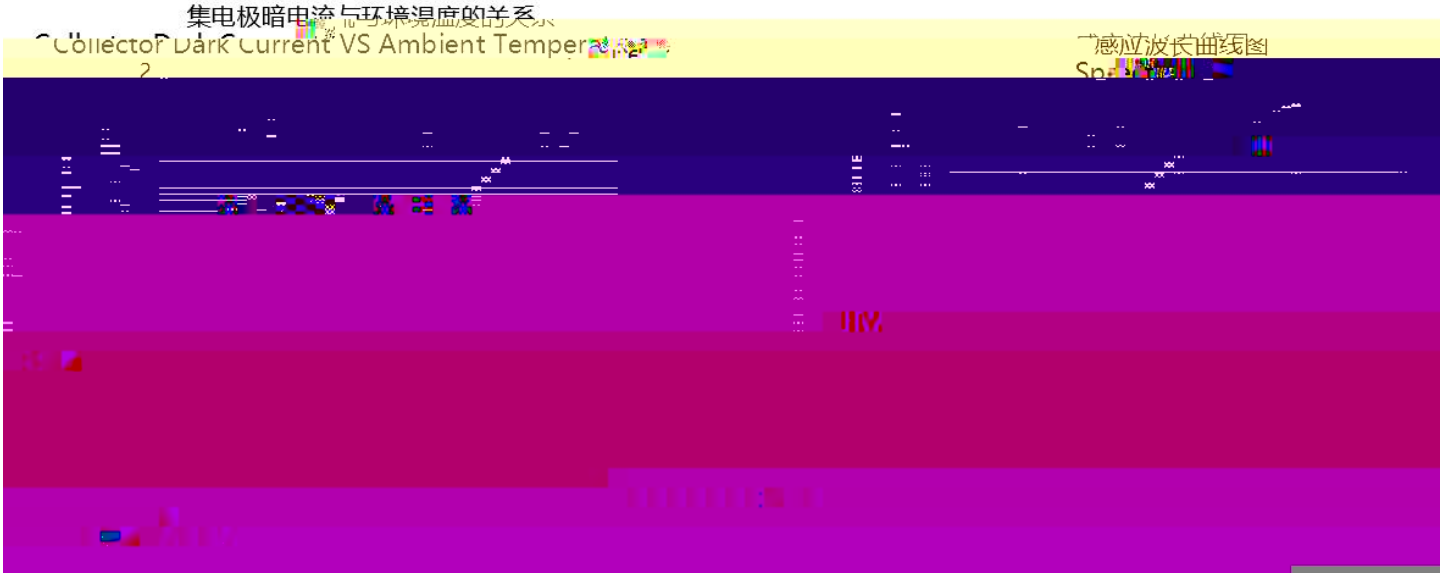
辐射强度与正向电流的关系
Radiant intensity VS Forward Current

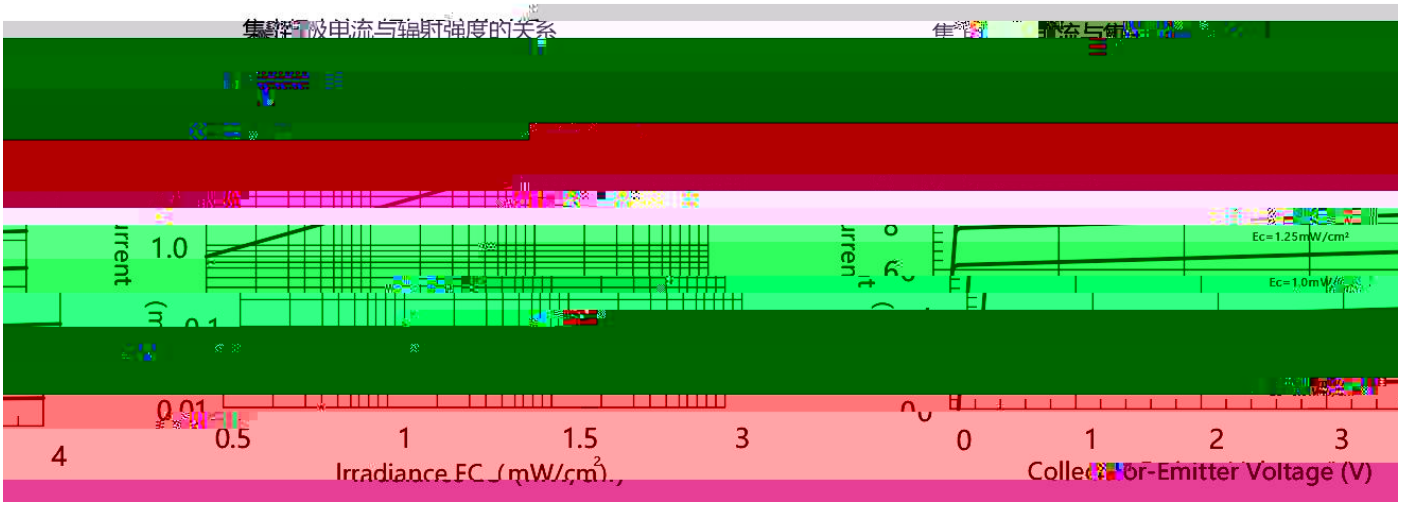


波长曲线图
Spectral Distribution

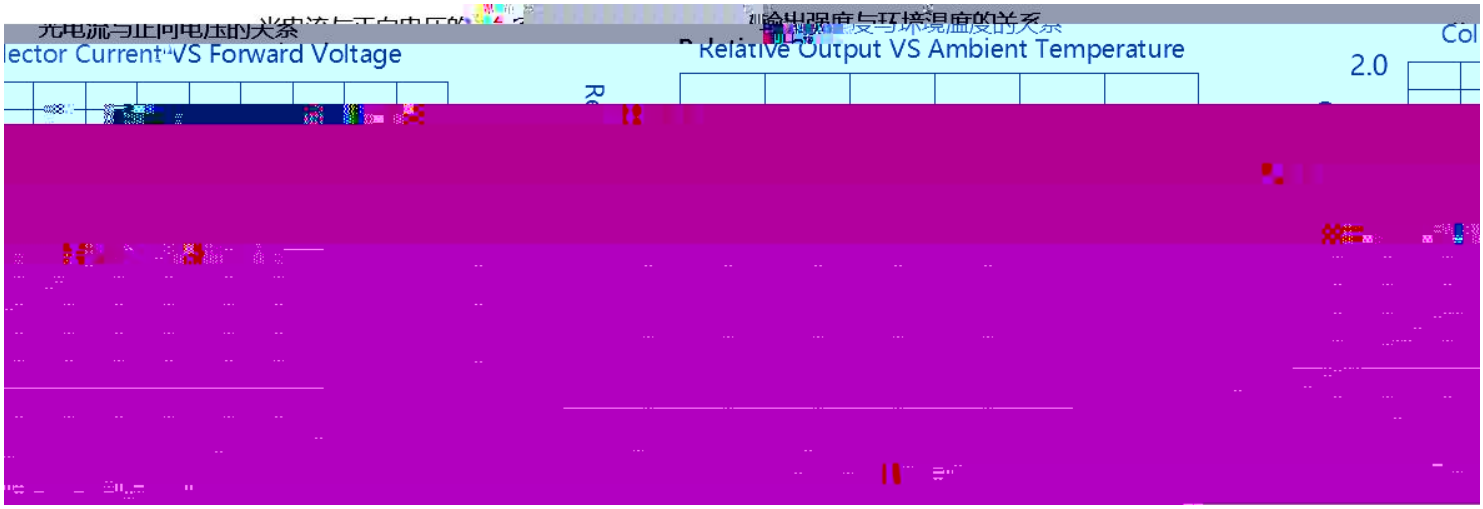


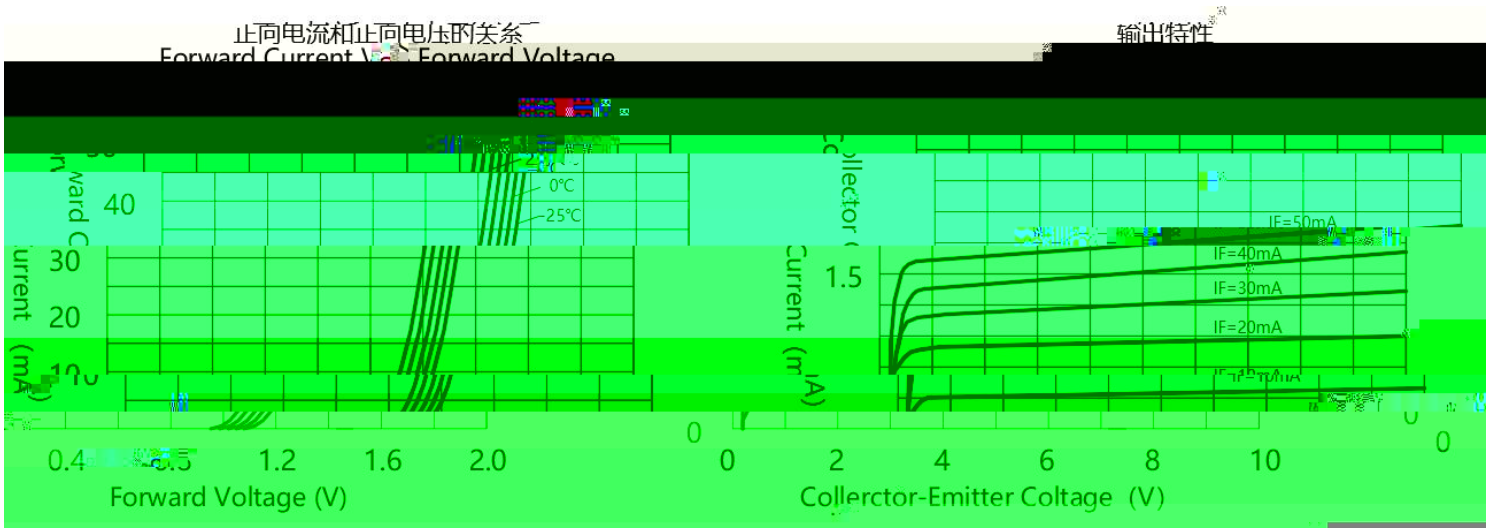
接收管特性曲线图 Typical Electro-Optical Characteristics Curves-PT



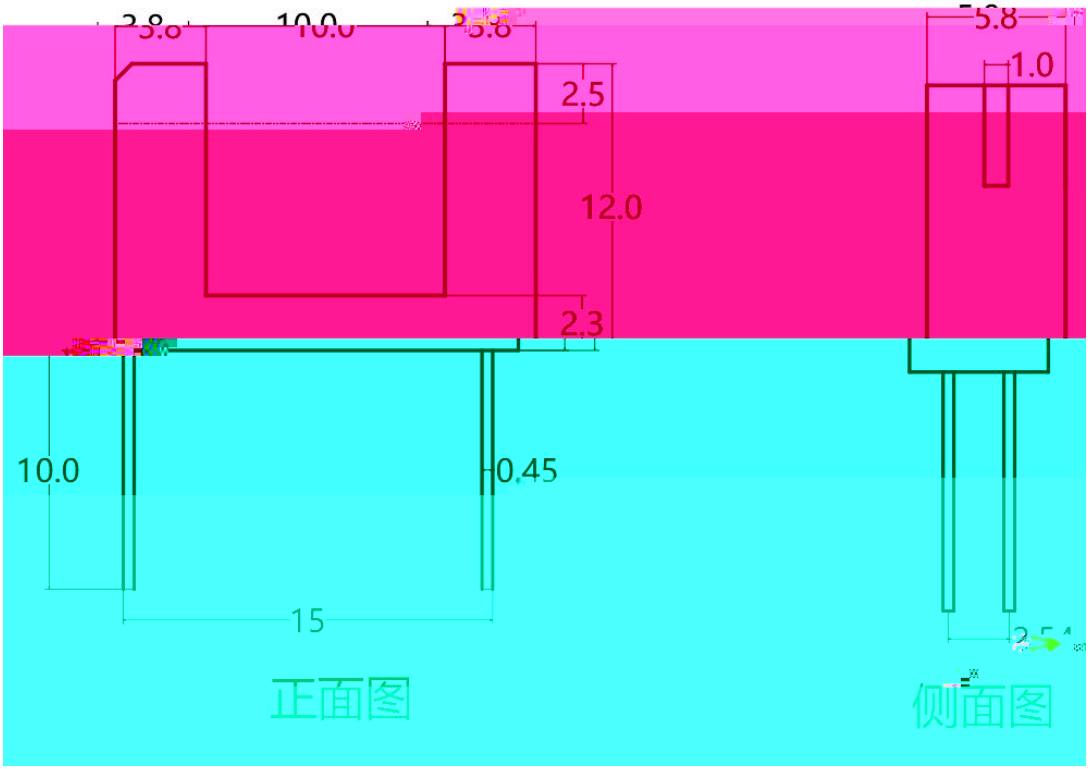


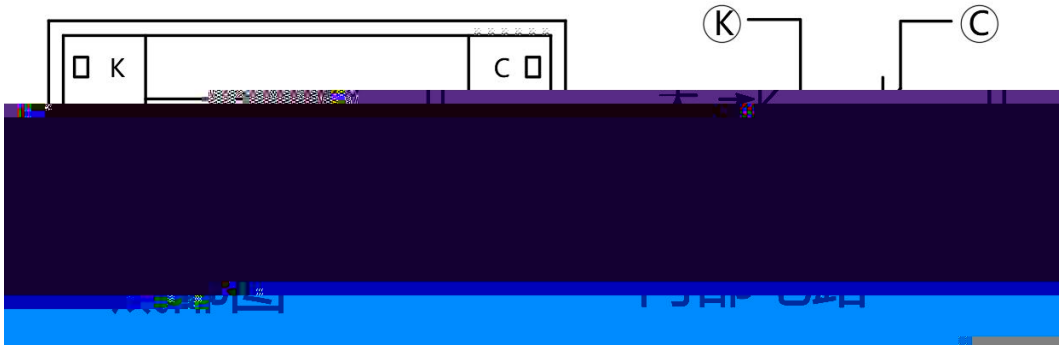
光电开关特性曲线图 Typical Electro-Optical Characteristics Curves-ITR





外形尺寸





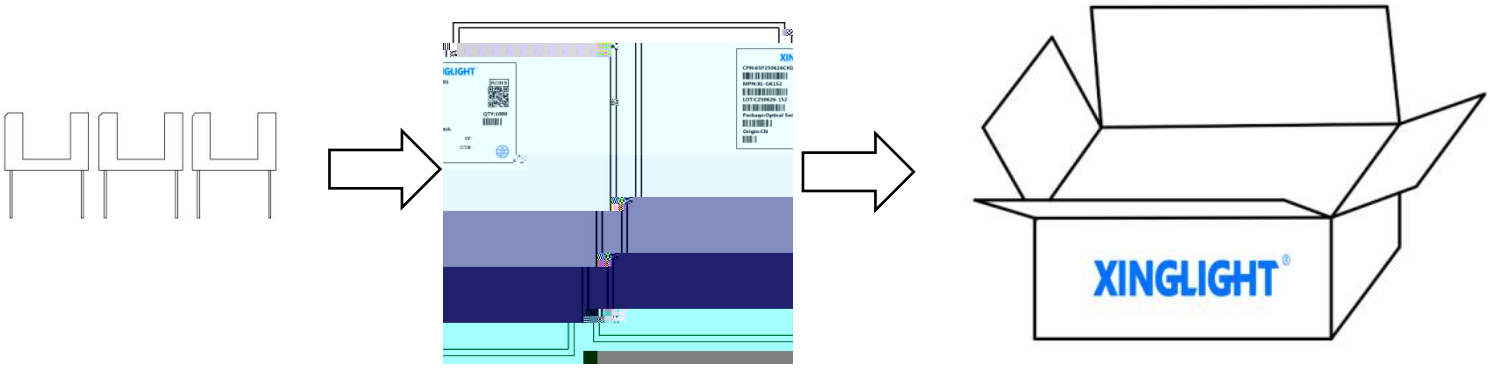
1. mm

Remarks: 1 Unit: mm

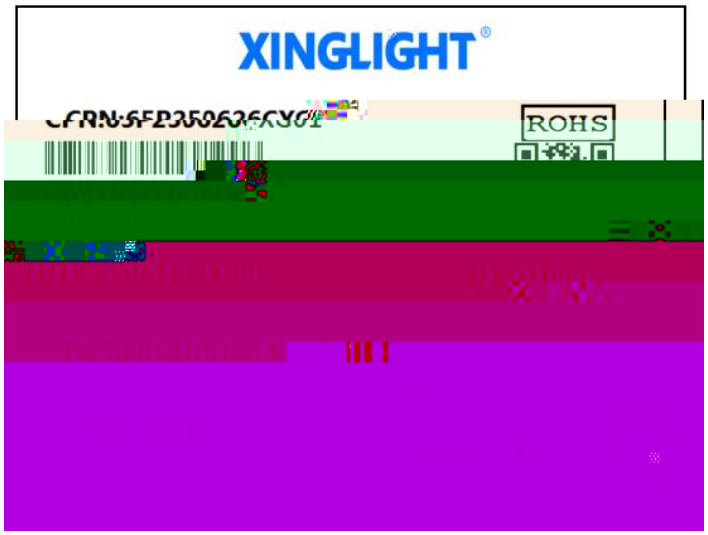
2. Ñ0.3mm

包装

Moisture Proof and Antti-Electrostic Foil Bag

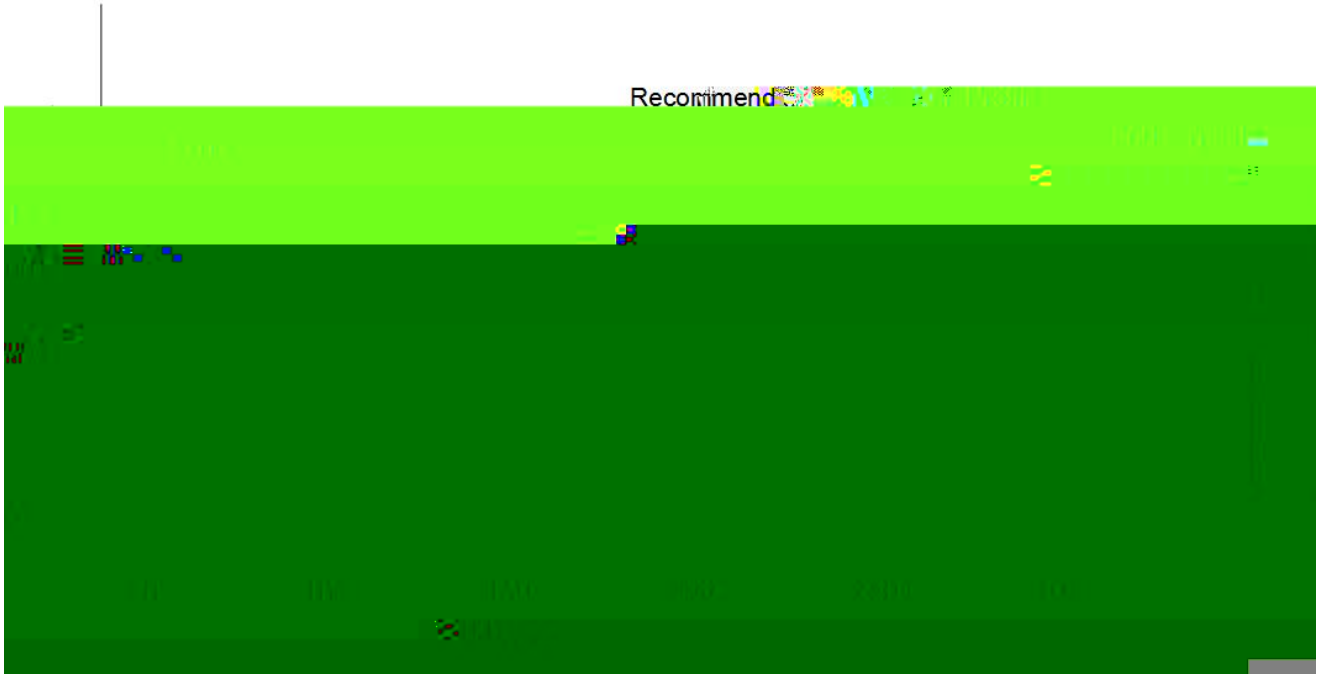


Label Expantion



Guideline for Soldering

The wave peak welding curve is recommended :



Note

1
Lead solder temperature profile

2
Peak welding shall not be done more than once

3 LED
When soldering, do not put stress on the LED during heating

4
After soldering, do not warp the circuit board

5 240 ± 5 /6S
The recommended maximum welding temperature for the product is 240 ± 5 /6s

烙铁条件

300 3 25W

Each terminal is to go to the tip of soldering iron temperature less than 300 for 3 seconds within once in less than the soldering iron capacity 25W. Leave two seconds and more intervals, and do soldering of each terminal. Be careful because the damage of the product is often started at the time of the hand solder.

*手工补数

LED ( )

LED

Repair should not be done after the LED 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 the LED will or will not be damaged by repairing.

Part No.:XL-ITR1100