

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 !!p=940nm
- *
RoHS
- Pb.Free RoHS compliant verer

目录

Catalan

电性参数

◆极限参数 =25 : Absolute Maximum Ratings (Temperature=25℃):

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Input Emitter	Power Dissipation*1	PD	75	mW
	Continuous Forward Current	IF	50	mA
	Peak Forward Current*2	IFP	1	A
Output Detector	Reverse Voltage	VR	5	V
	Power Dissipation*1	PD	75	mW
	- Collector-Emitter Voltage	VCEO	35	V
	- Emitter-Collector Voltage	VECO	5	V
	Collector Current	IC(on)	20	mA
Operating Temperature				



(Temperature=25℃) :
Electro-Optical Charasteristics (Temperature=25℃):

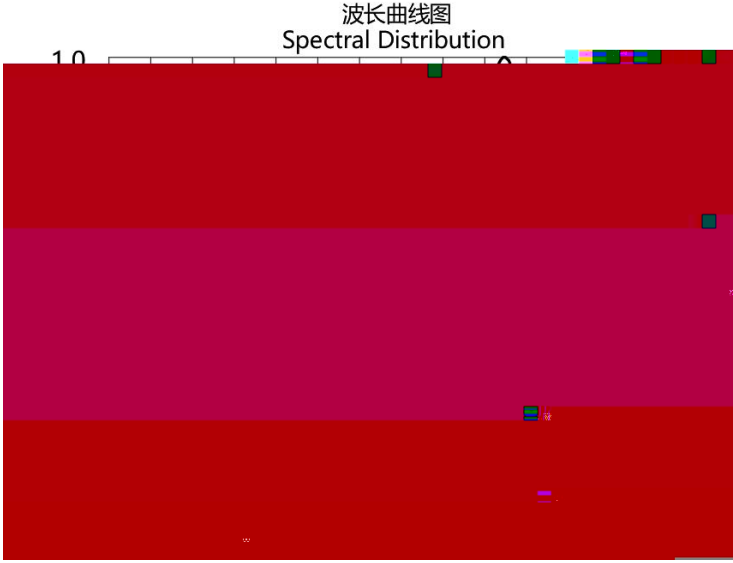
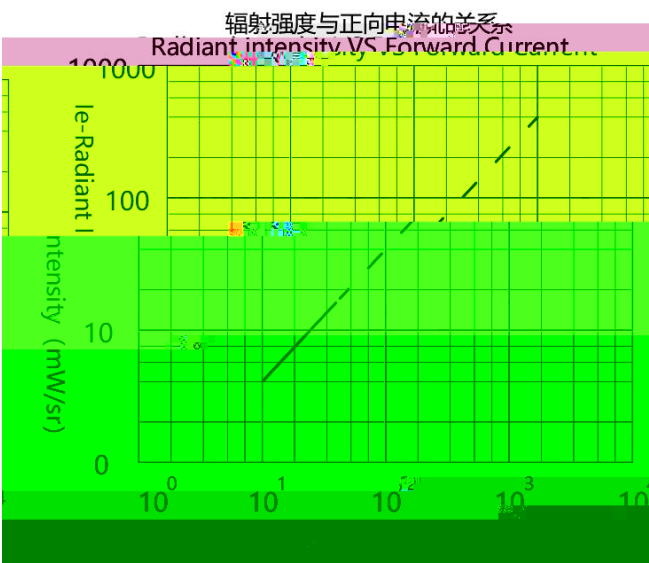
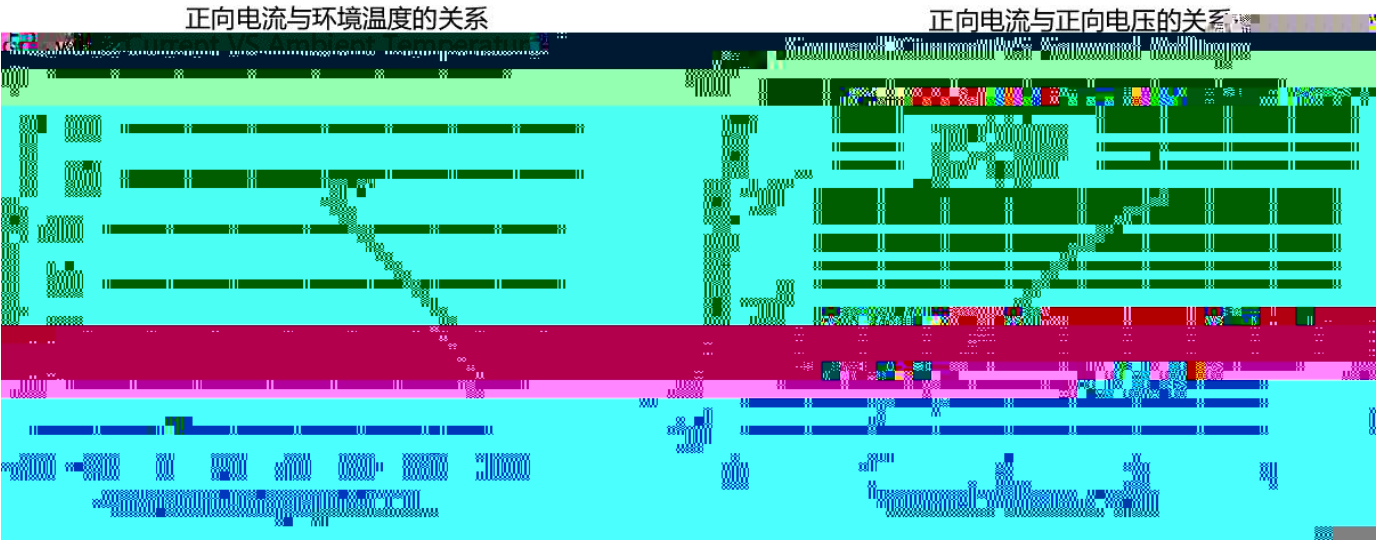
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		IF=20mA	--	1.2	1.6	
Forward Voltage	VF	IF=100mA*2	--	1.4	1.85	V
		IF=1A *2	--	2.6	4.0	
Input						
Perk Wavelength		!!P	IF=20mA	--	9 "	

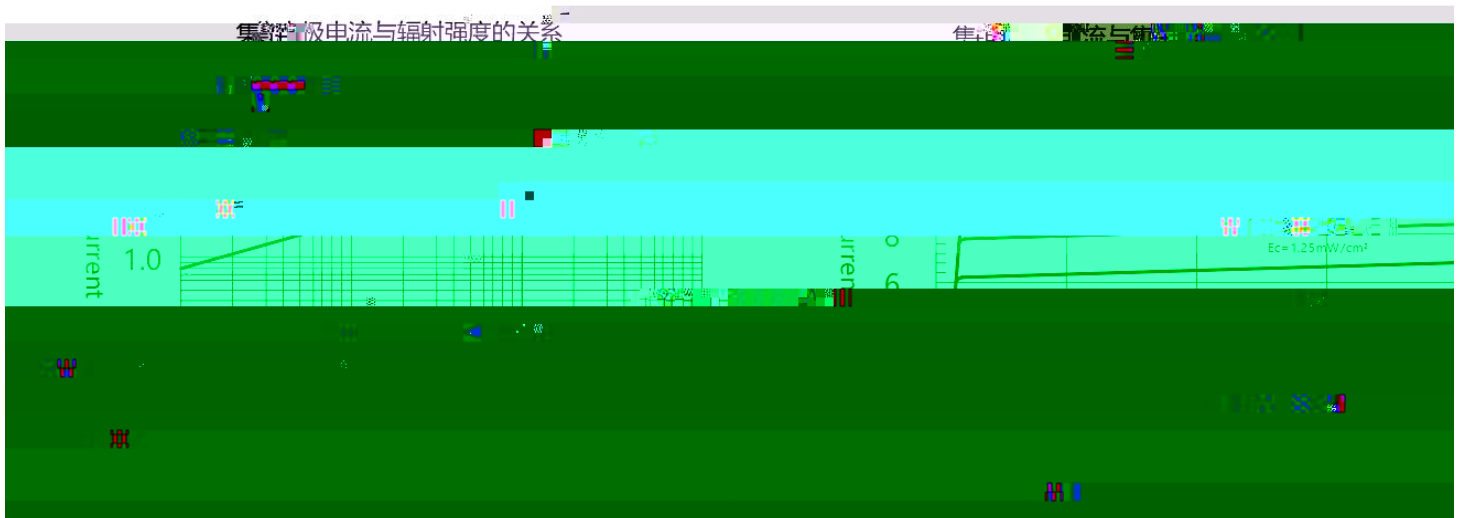
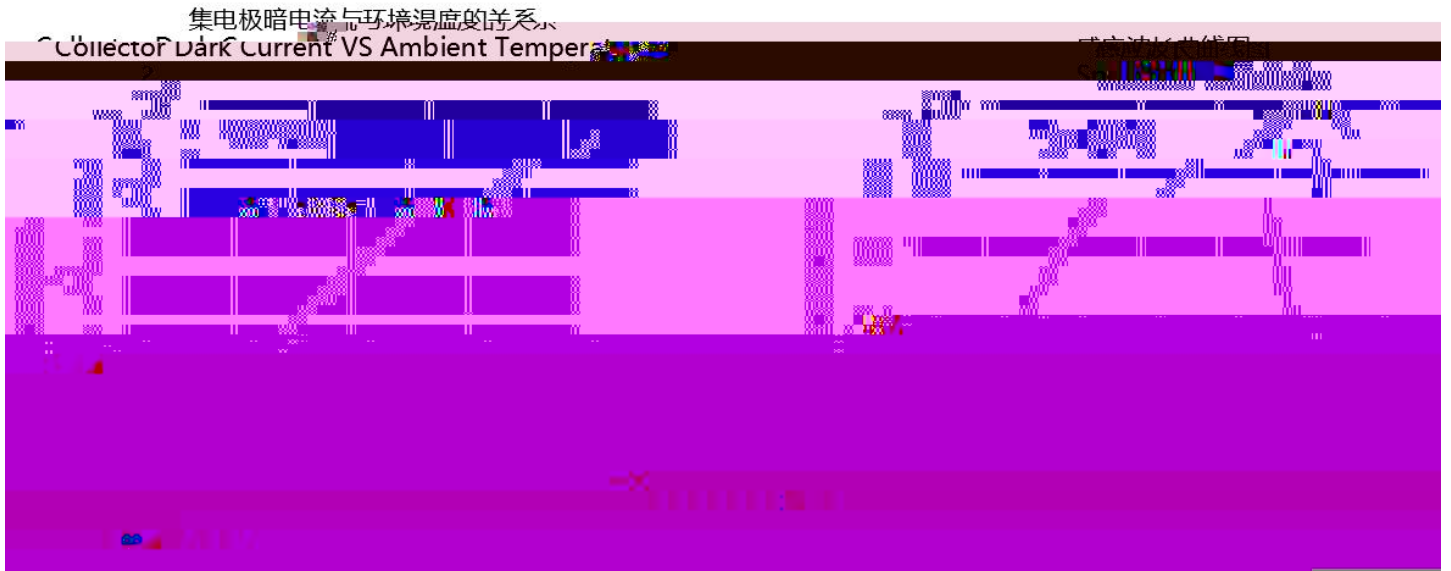
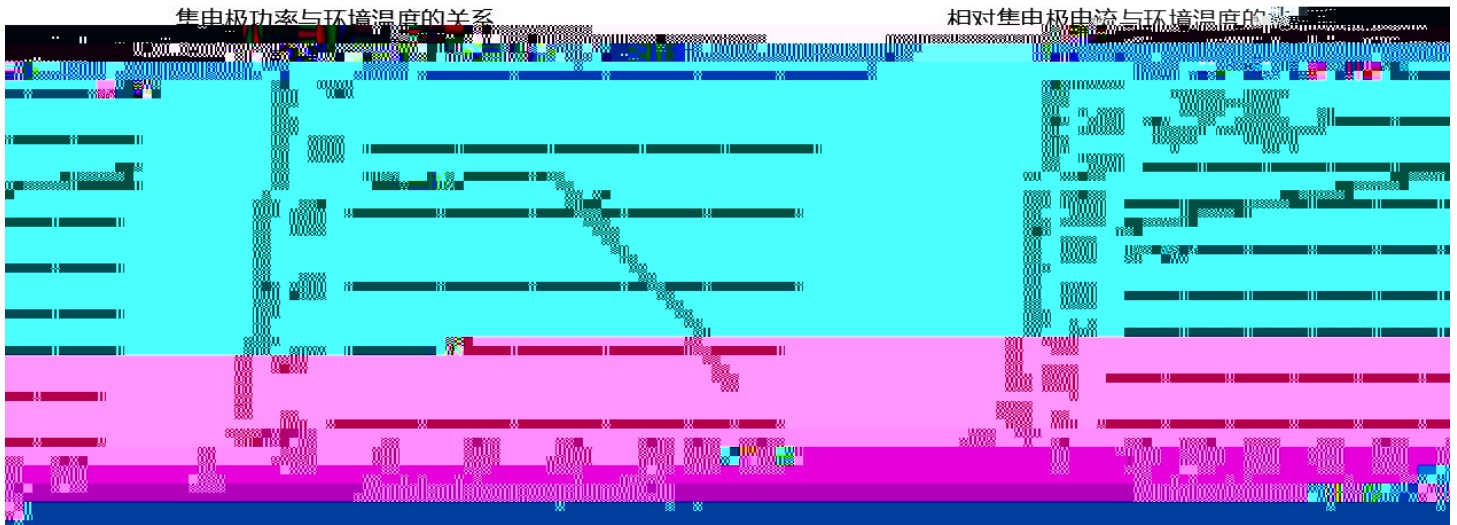
由氏公州

典型特性曲线

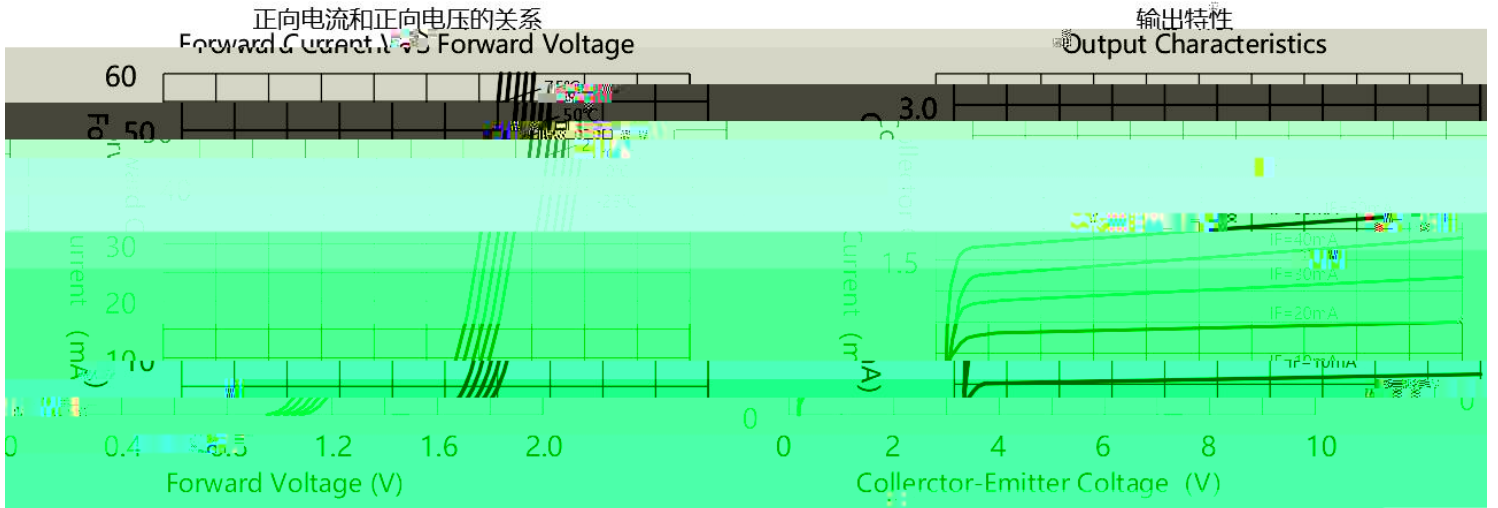
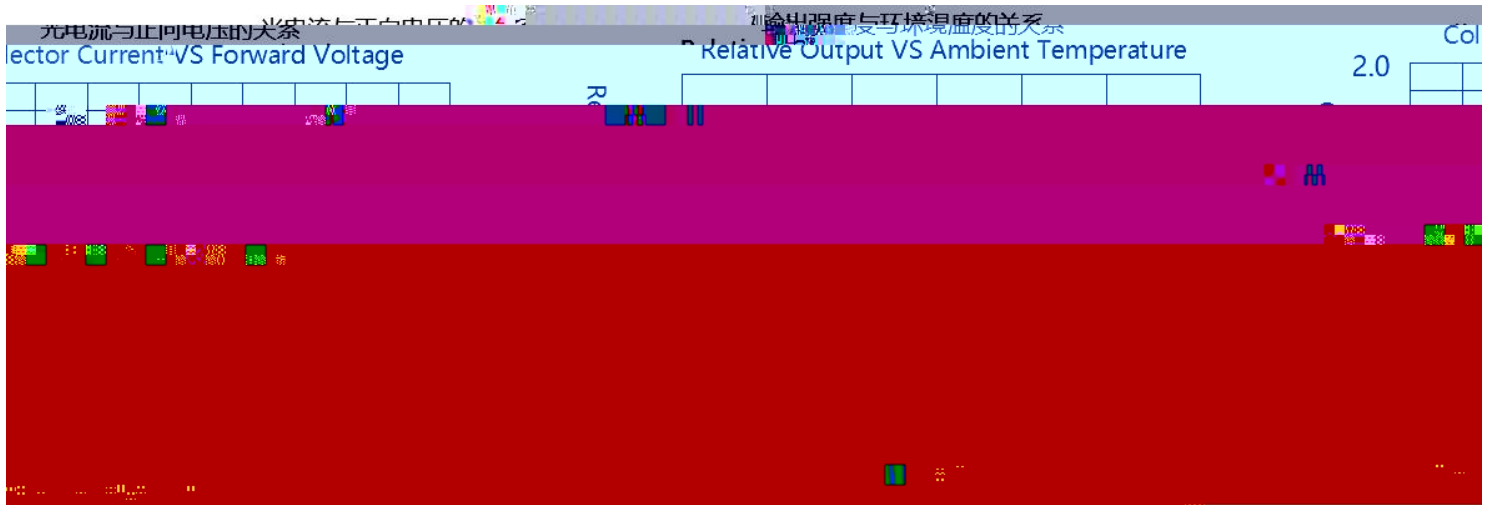
发射管特性曲线图 Typical Electro-Optical Characteristics Curves-IR



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

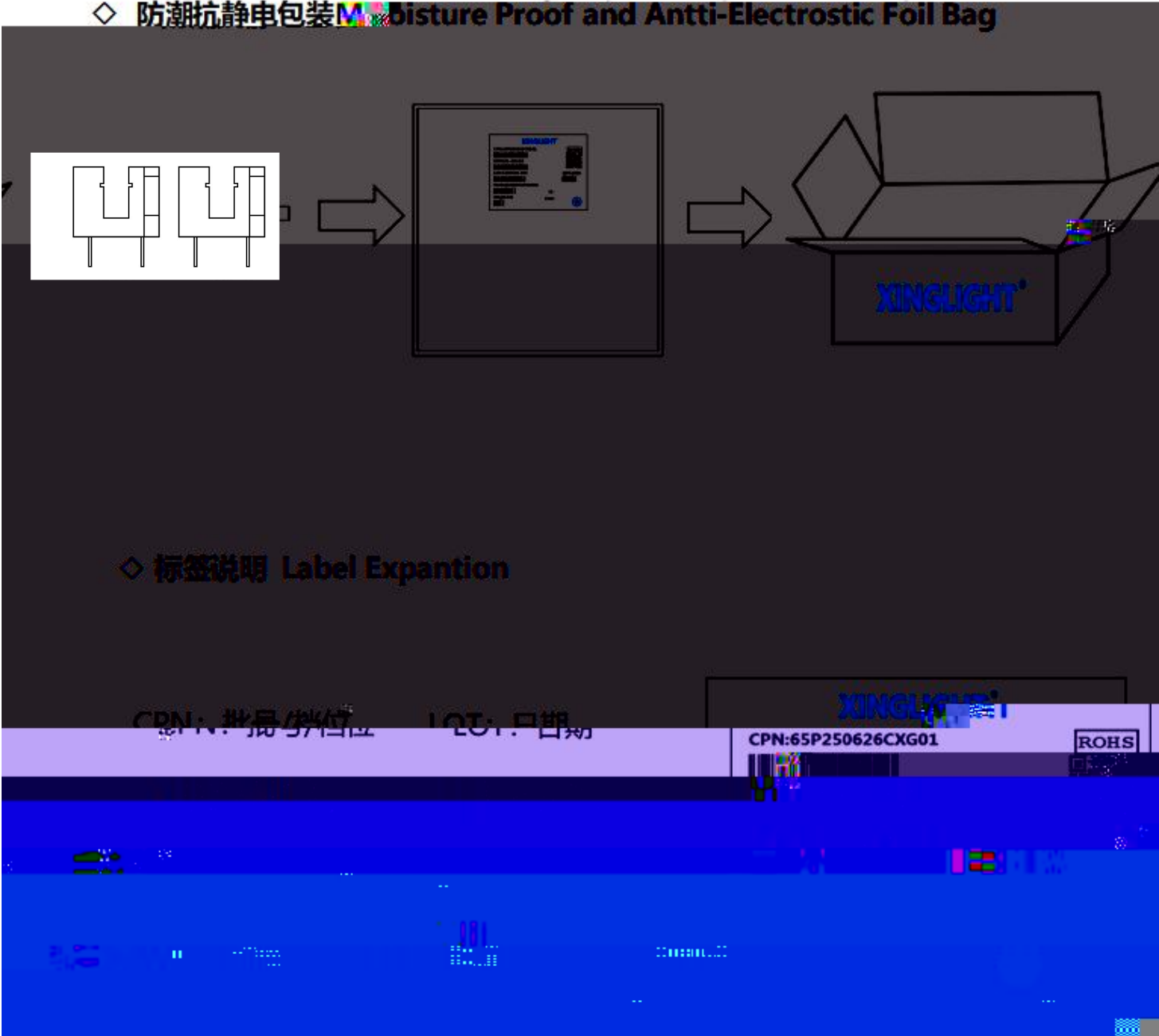


光电开关特性曲线图 Typical Electro-Optical Characteristics Curves-I



包装

◇ 防潮抗静电包装 Moisture Proof and Antti-Electrostatic Foil Bag





Guideline for Soldering

收铁条件 Soldering Iron

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** Repairing

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.



信田光電

NPN

IR

IR PT

This product It is composed of infrared emission diode and NPN silicon photo transistor, which are packaged side by side in