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 versr

目录

Catalog

电性参数

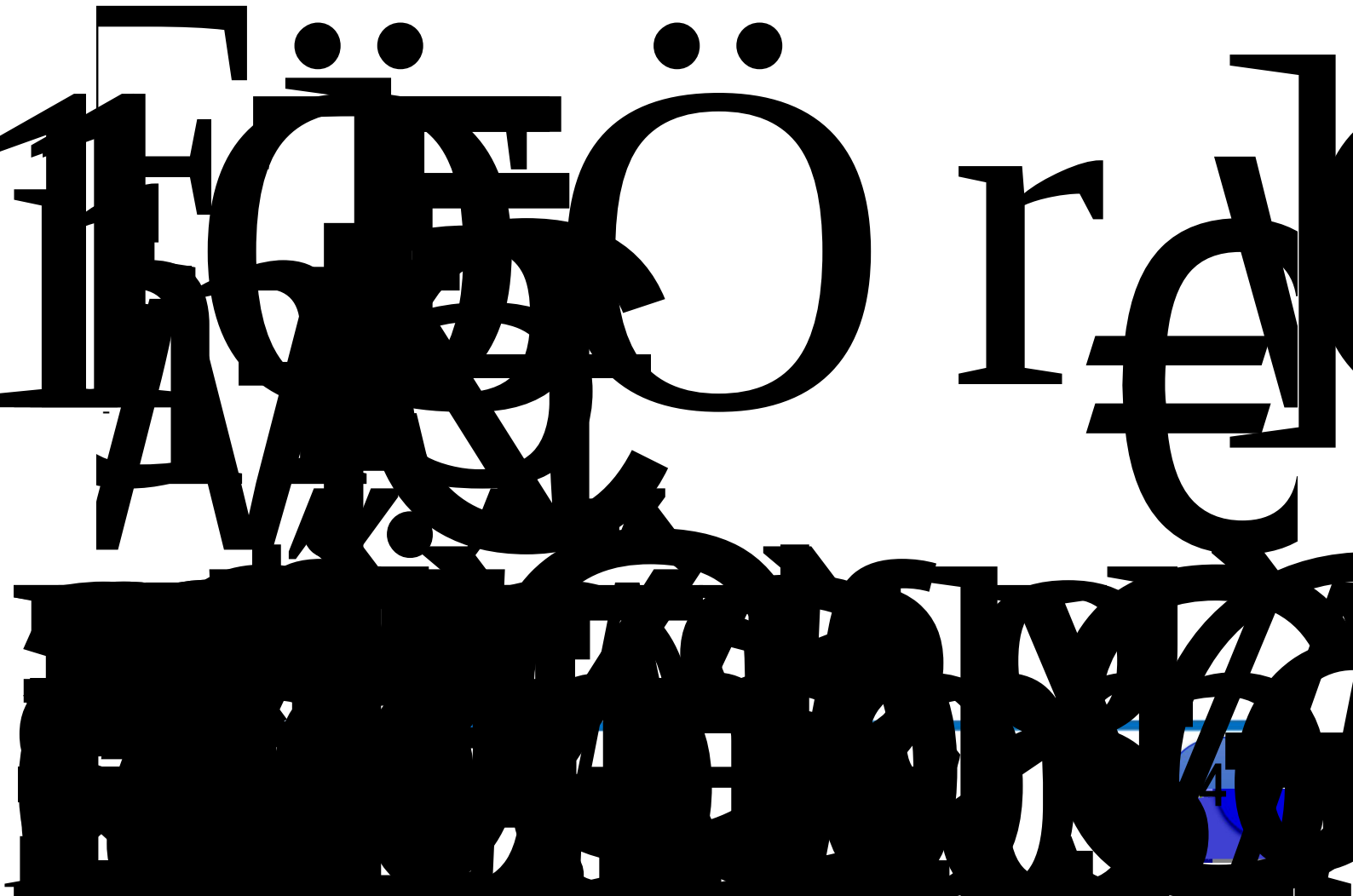
✧极限参数 =25 ：Absolute Maximum Ratings (Temperature=25ÁC):

Input Emitter	Power Dissipation*1	PD	75	mW
	Continuous Forward Current	IF	50	mA
	Peak Forward Current*2	IFP	1	A
	Reverse Voltage	VR	5	V
Output Detector	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			

=25℃）：

Electro-Optical Charasteristics (Temperature=25ÁC):

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

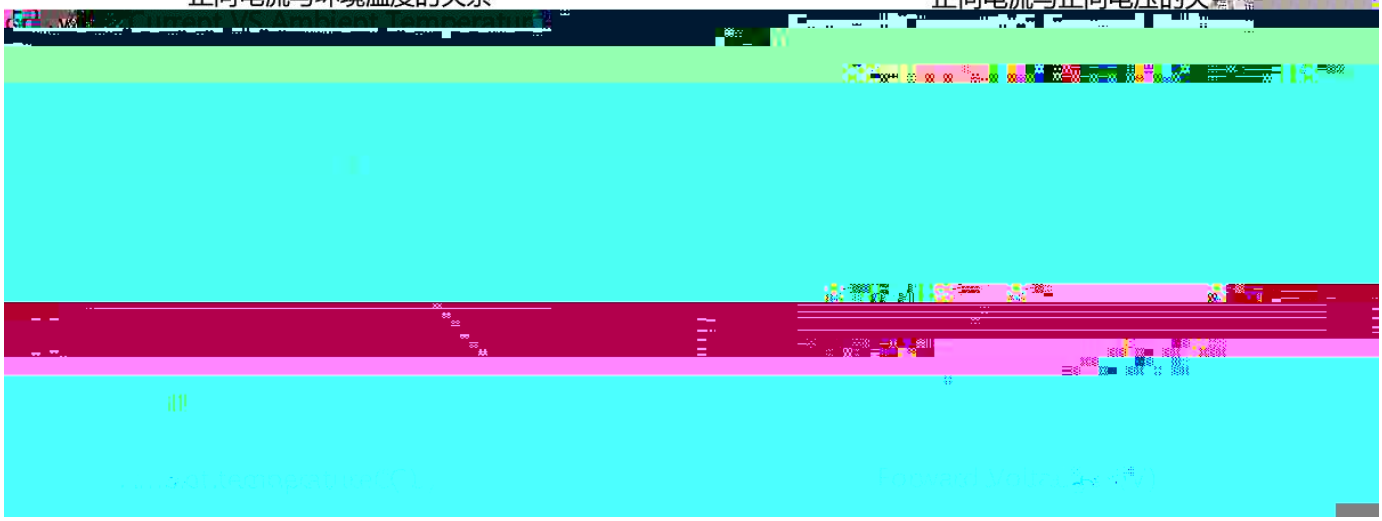


[redacted]

典型特性曲线

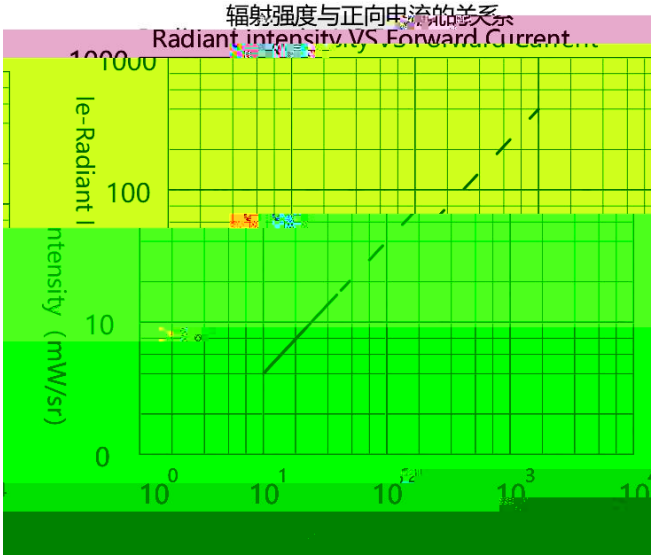
发射管特性曲线图 Typical Electro-Optical Characteristics Curves-IR

正向电流与环境温度的关系

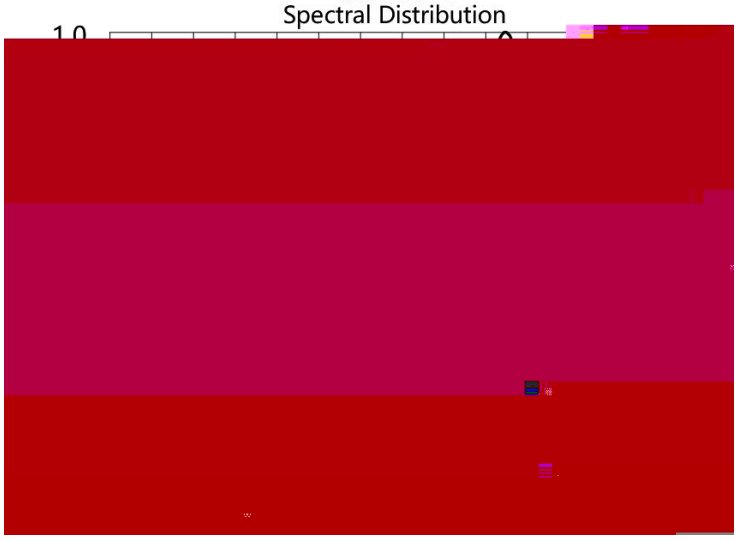


正向电流与正向电压的关系

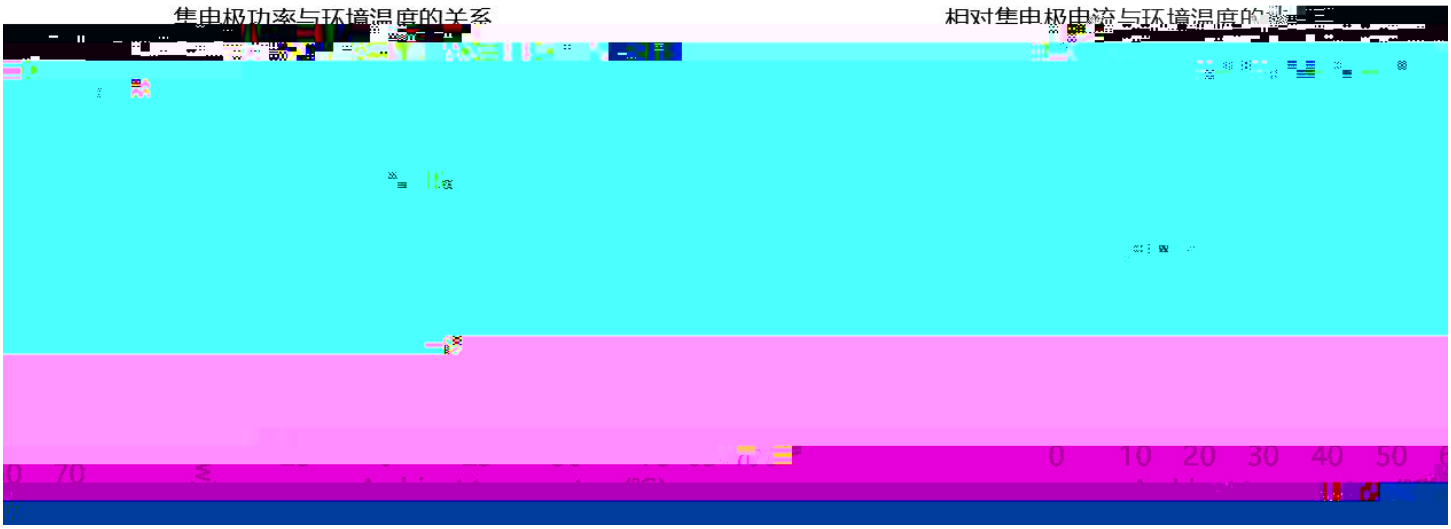
辐射强度与正向电流的关系

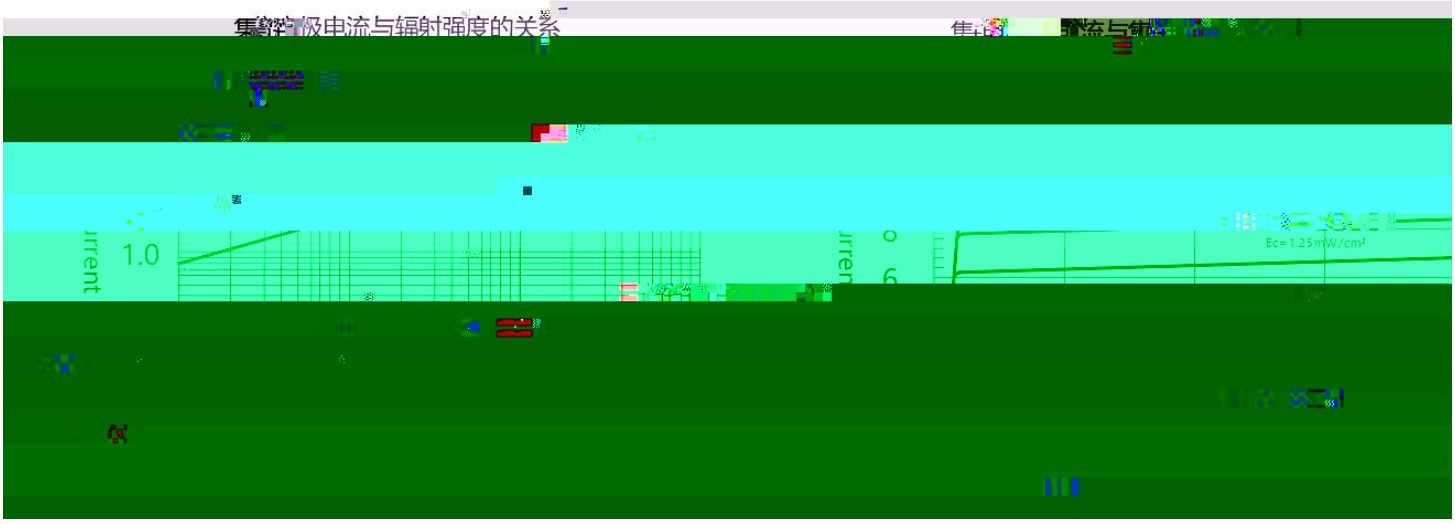


波长曲线图
Spectral Distribution

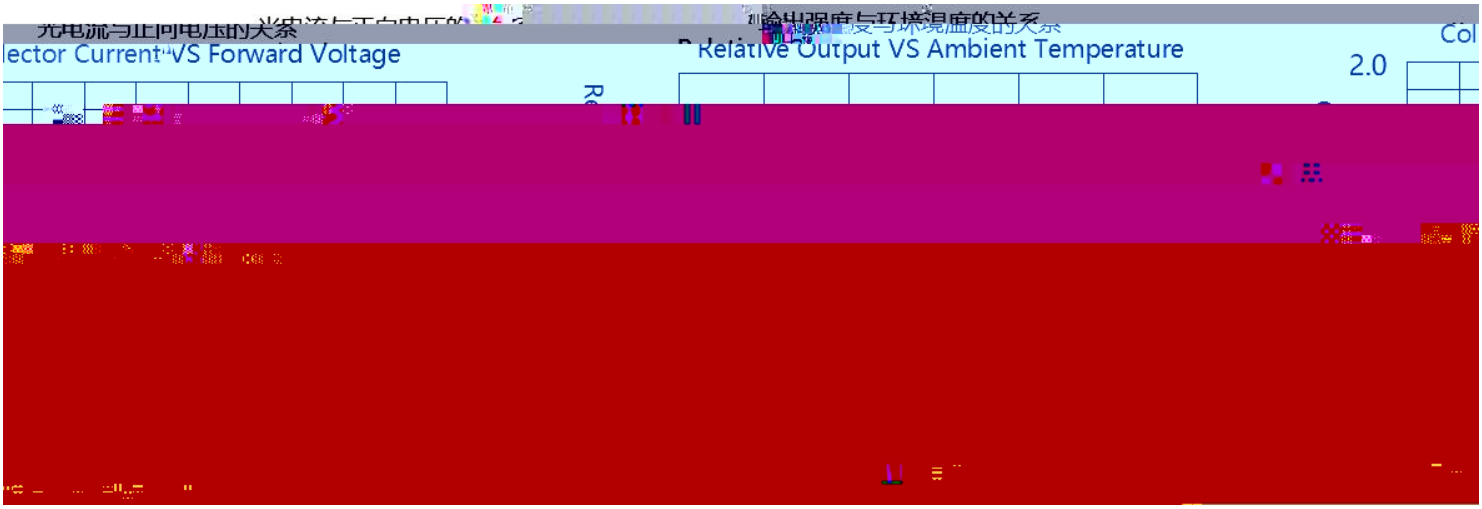


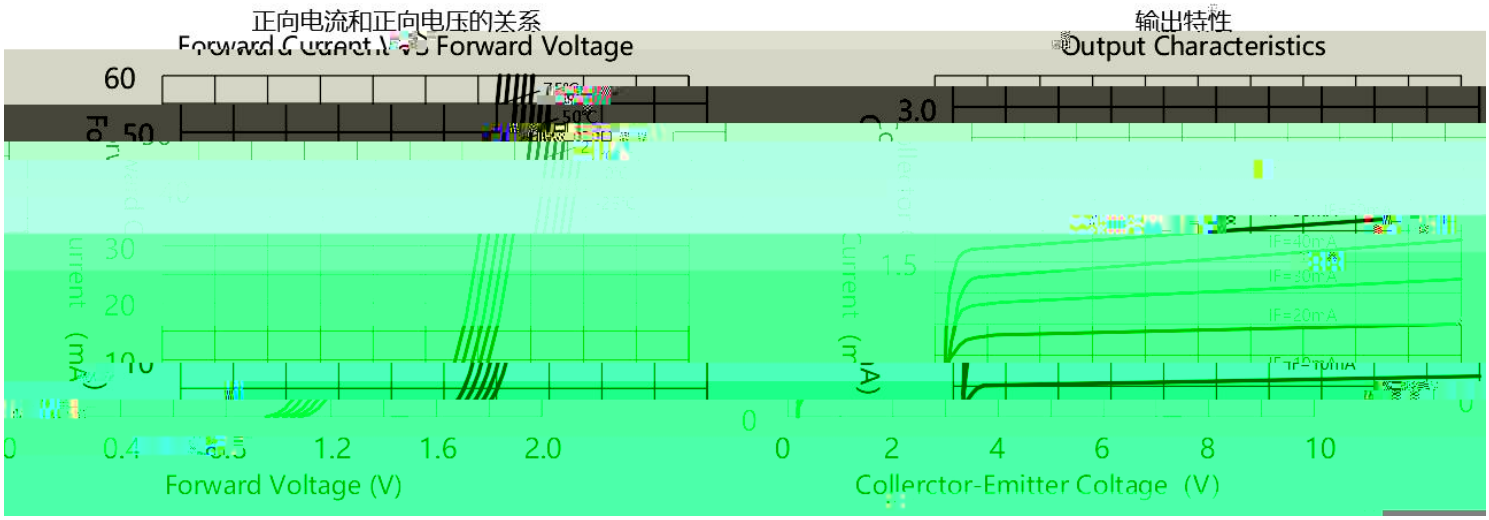
接收管特性曲线图 Typical Electro-Optical Characteristics Curves-PT



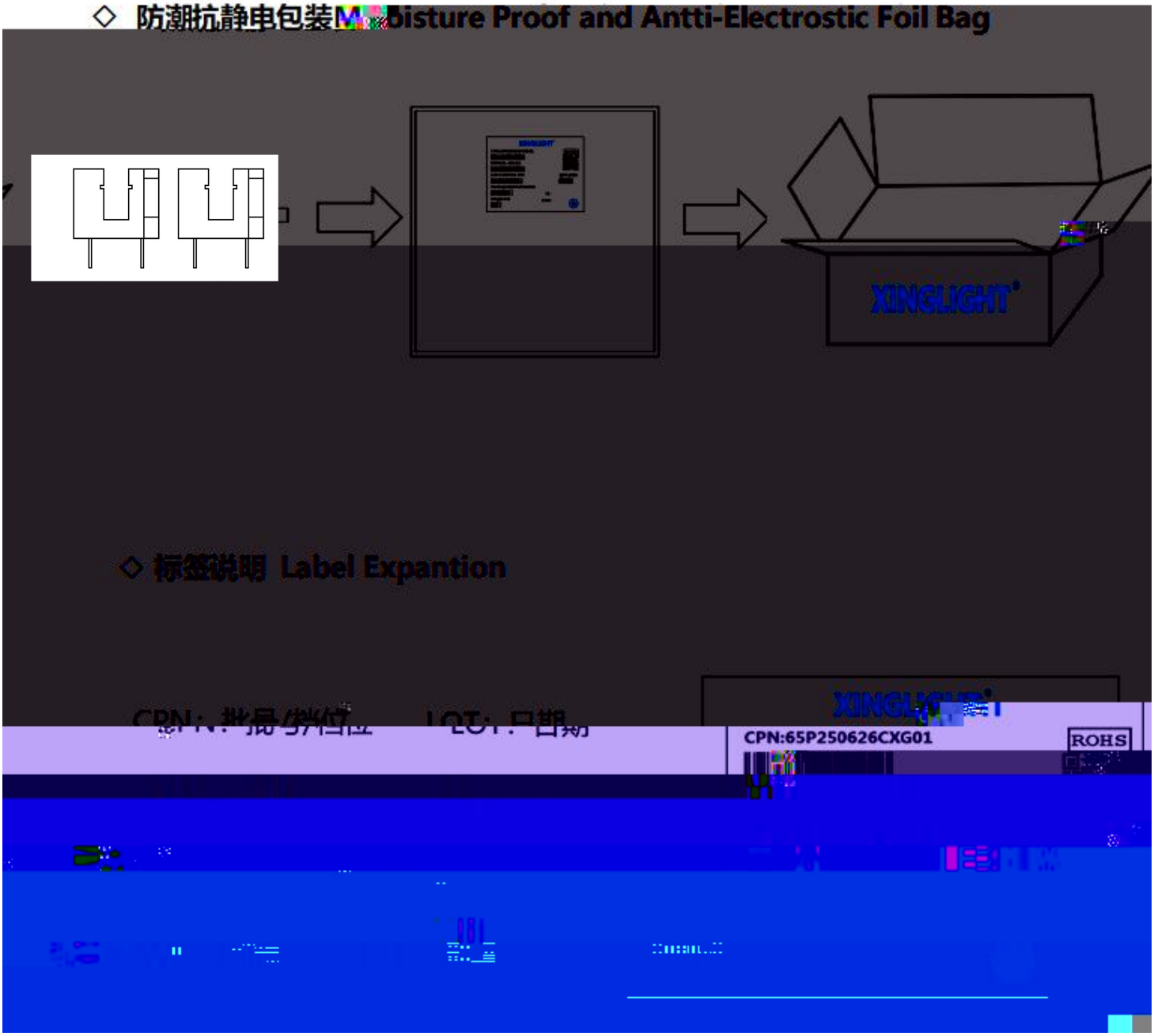


光电开关特性曲线图 Typical Electro-Optical Characteristics Curves-I





包装


◇ 防潮抗静电包装Moisture Proof and Antti-Electrostic Foil Bag
XINGLIGHT
◇ 标签说明 Label Expantion
CPN:65P250626CXG01
ROHS

焊接指导

Guideline for Soldering

烙铁条件 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.

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