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

电性参数

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

=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	--	940	--	nm
	Reverse Current	IR	VR=5V	--	--	10	εA
Output	Dark Current	ICEO	Ee=0mW/cm2 V0 VCE=20V	--	--	100	nA
	- C-E Saturation Voltage	VCE(SAT)	IC=2mA Ee=Ɪ1mW/cm2	--	Ɪ0 --	0.4	V
	Rise Time		V V s				
Transfer Characteristics							

/L fV ao ĭ H 2 p

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

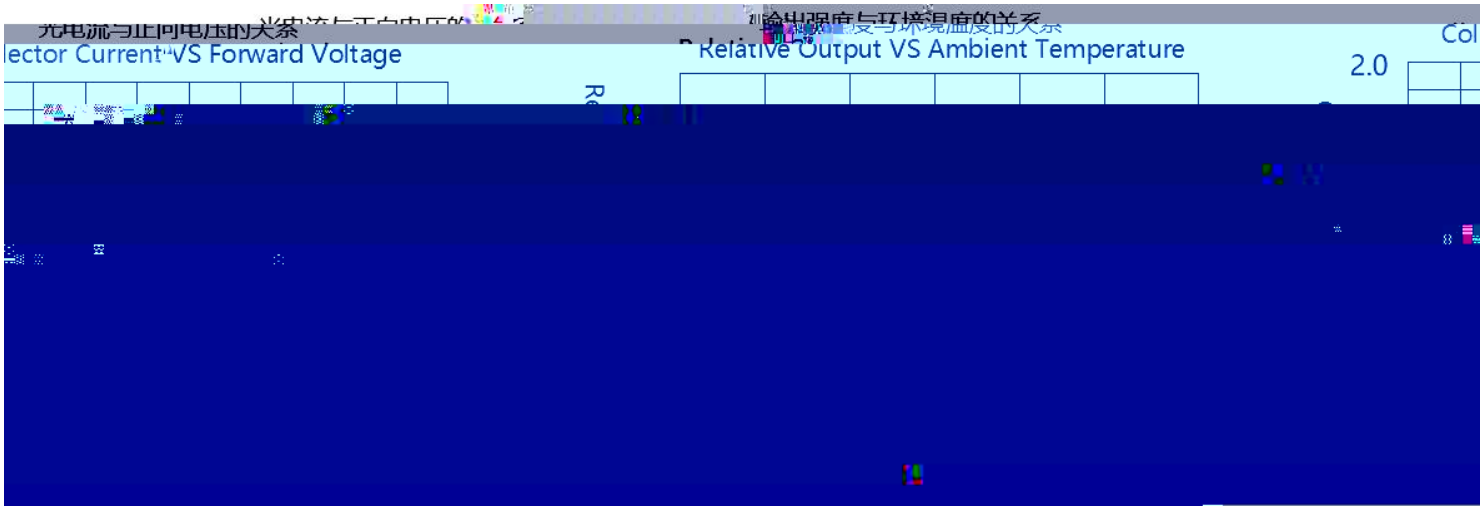
光电流分档：

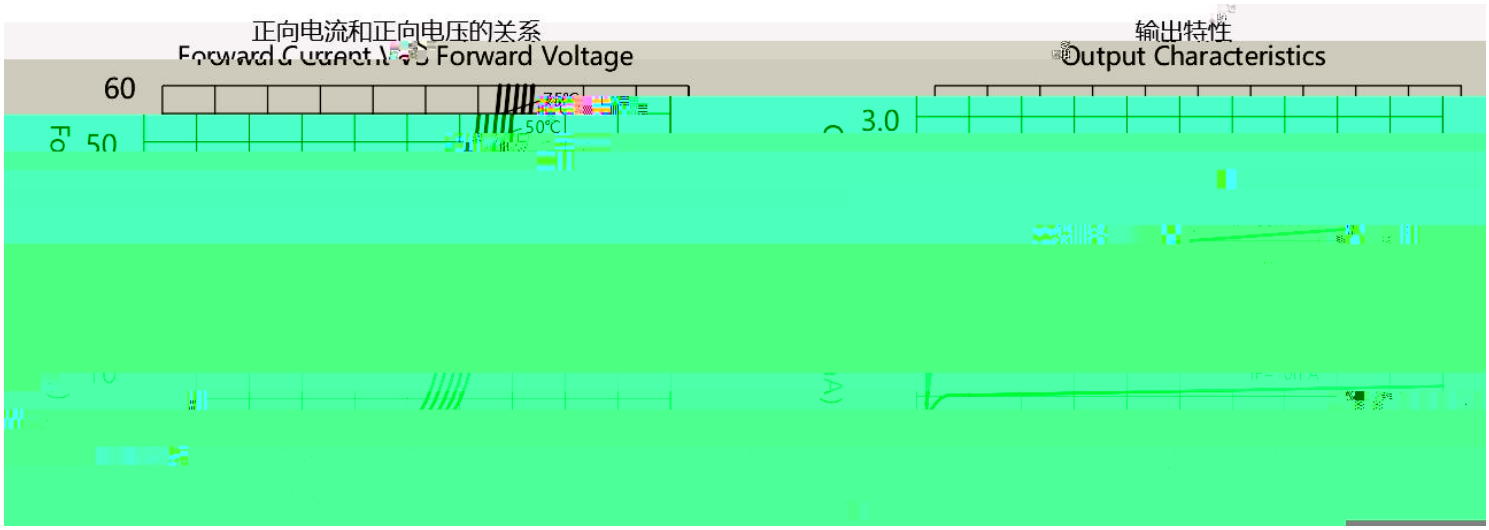
Collector Current grading：

代码	最小值	最大值	单位	测试条件
IC22-39	3	20	mA	IF=20mA VCE=5V

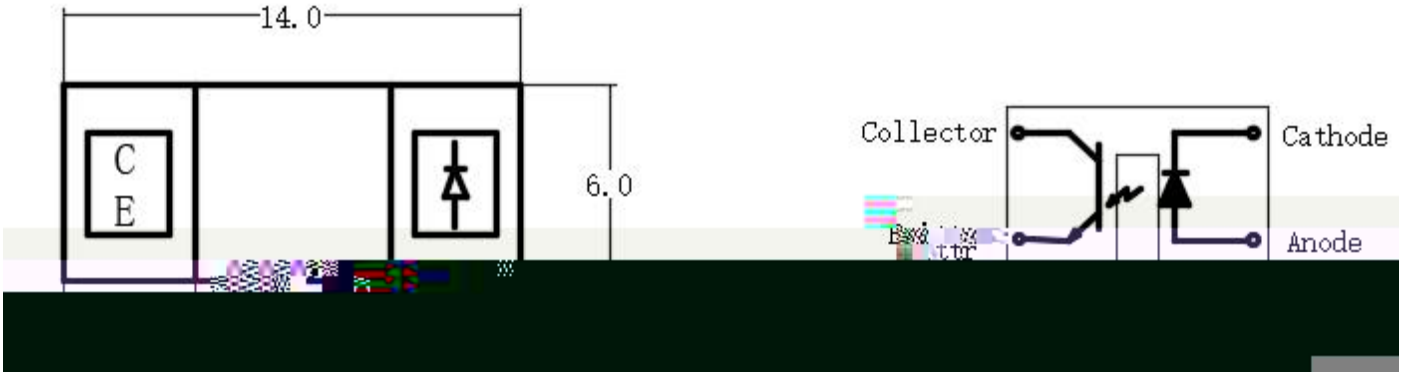
典型特性曲线

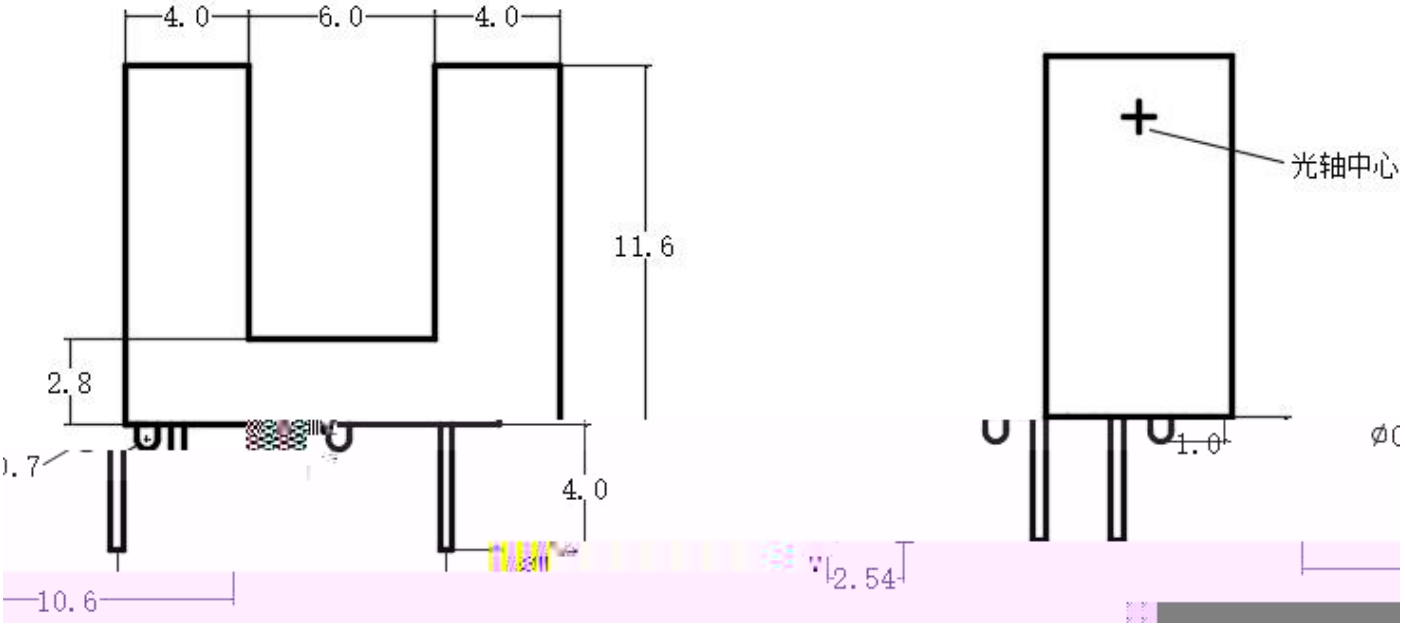
光电开关特性曲线图


lector Current VS Forward Voltage
Relative Output VS Ambient Temperature
2.0


正向电流和正向电压的关系
Forward Current VS Forward Voltage
60
50
输出特性
Output Characteristics
3.0

外形尺寸





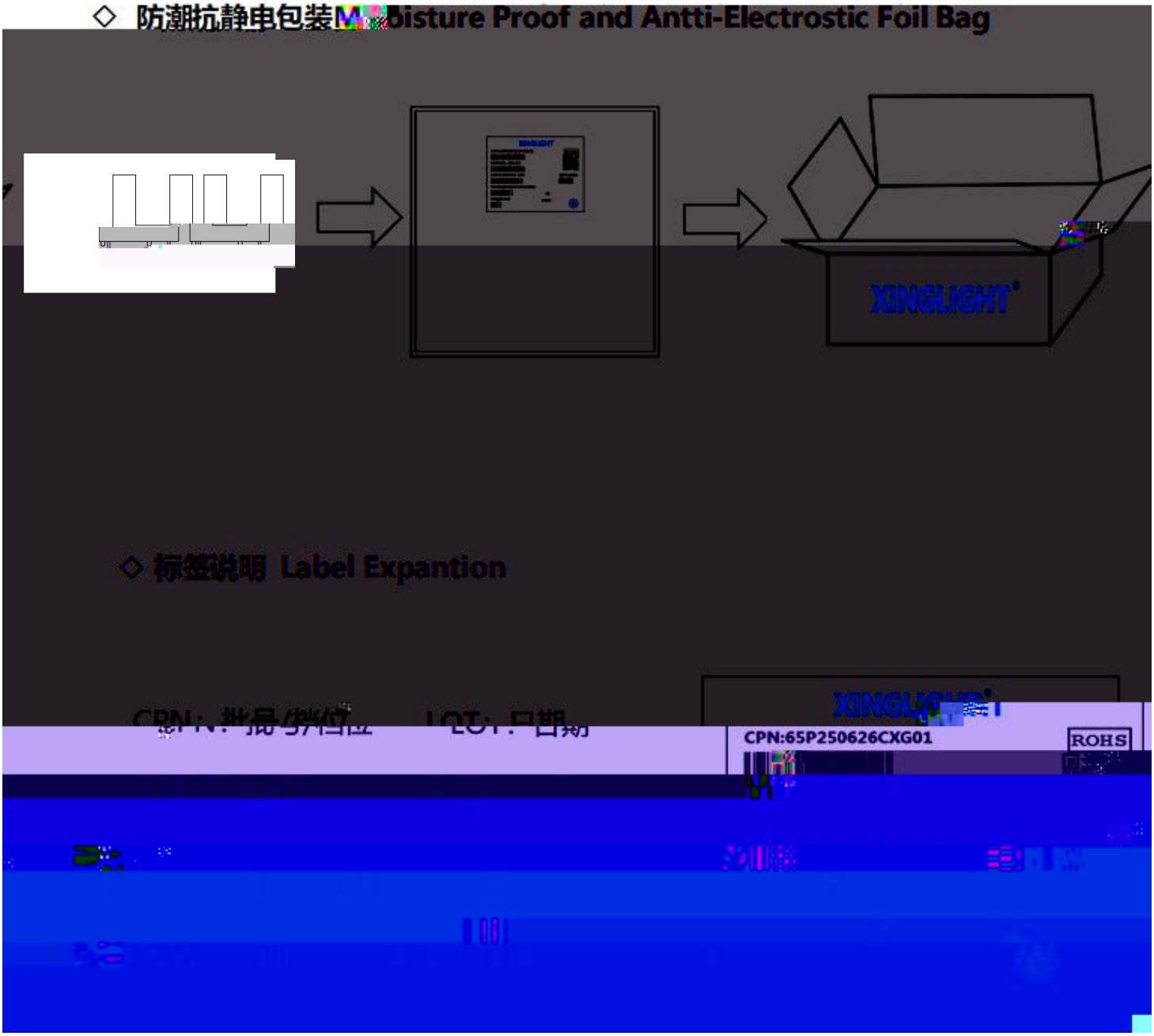
1. mm

Remarks: 1 Unit: mm

2. Ñ0.3mm

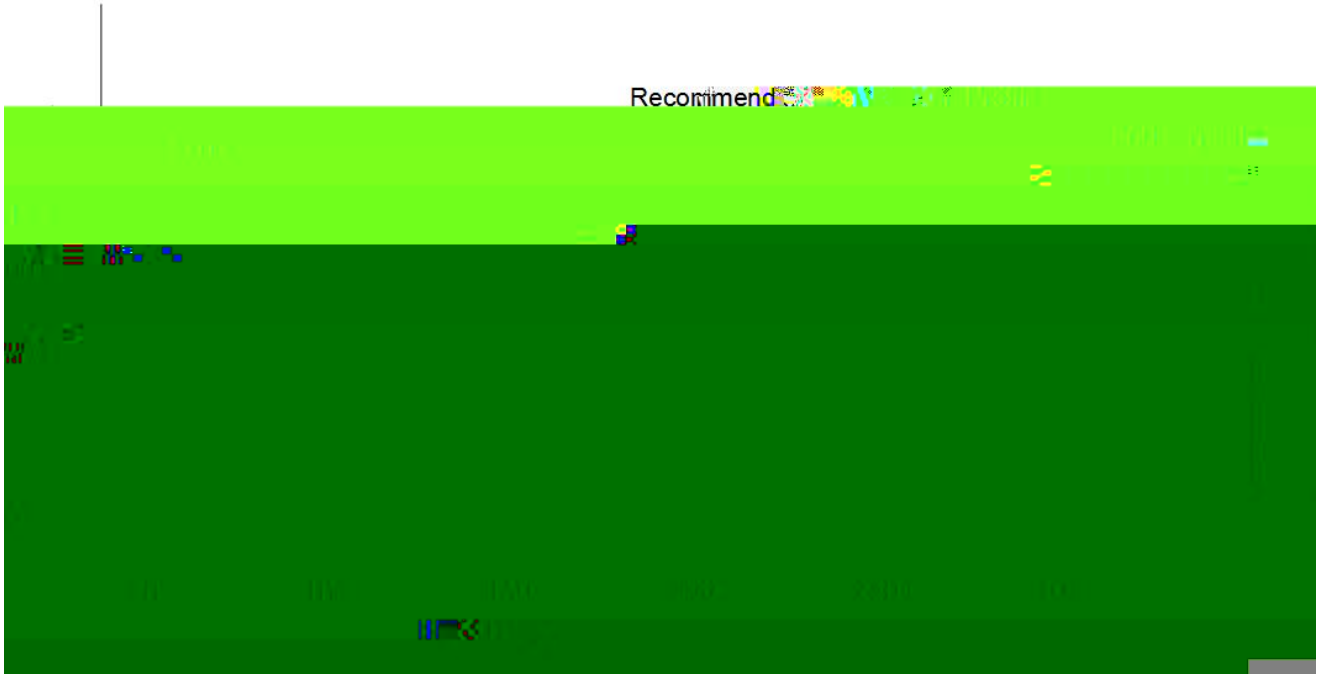
2. Tolerance: Ñ 0.3mm unless otherwise specified

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

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

使用注意事项

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 black On the converging optical axis in the thermoplastic shell. Photo transistor only receives radiation from IR. This is normal Condition. But when the object is in the middle, the photo transistor cannot receive radiation. For more component information, please Refl, m" 3