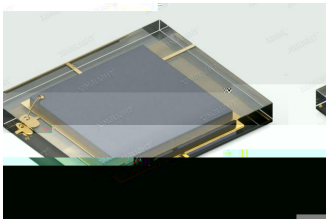
4437 贴片式光敏二极管



特点（C ）：

* L/W/H :4.4*3.7*0.55mm

Outline Dimensions(L / w / h): 4.4*3.7*0.55mm

* ROHS

Environmental protection products meet ROHS requirements

* MSL :3

Moisture sensitivity level MSL : 3 levels

* EIA

EIA standard packaging

* SMT

Suitable for SMT automatic production

*

Suitable for reflow soldering process

应用领域（ ）：

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Blood oxygen detection

*

Heart rate monitoring

*

Pulse detection

*

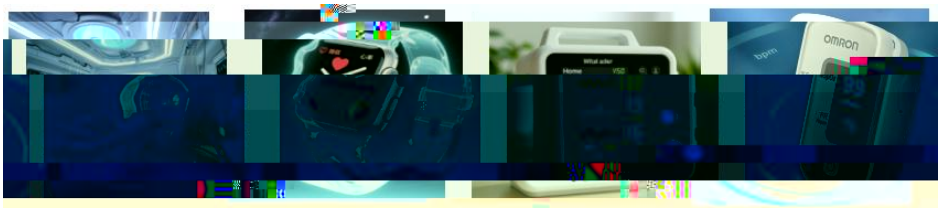
electronic watch

*

Pulse oximeter

*

Electronics widely used in various health monitoring applications



电性参数

Ta=25 Absolute Maximum Rating(ta=25)

Parameter	Symbol	Value	Unit
Max Reverse Voltage	VR	5	V
Operating Temperature Range	TOPR	-40 ~ +85ÁC	
Storage Temperature Range	TSTR	-40 ~ +100ÁC	
/ Lead Soldering Temperature/Time	TSOL	260 Ò6S	/

* Ò0.1ms Ò1/10 * Note: Pulse WidthÒ0.1ms, DutyÒ1/10

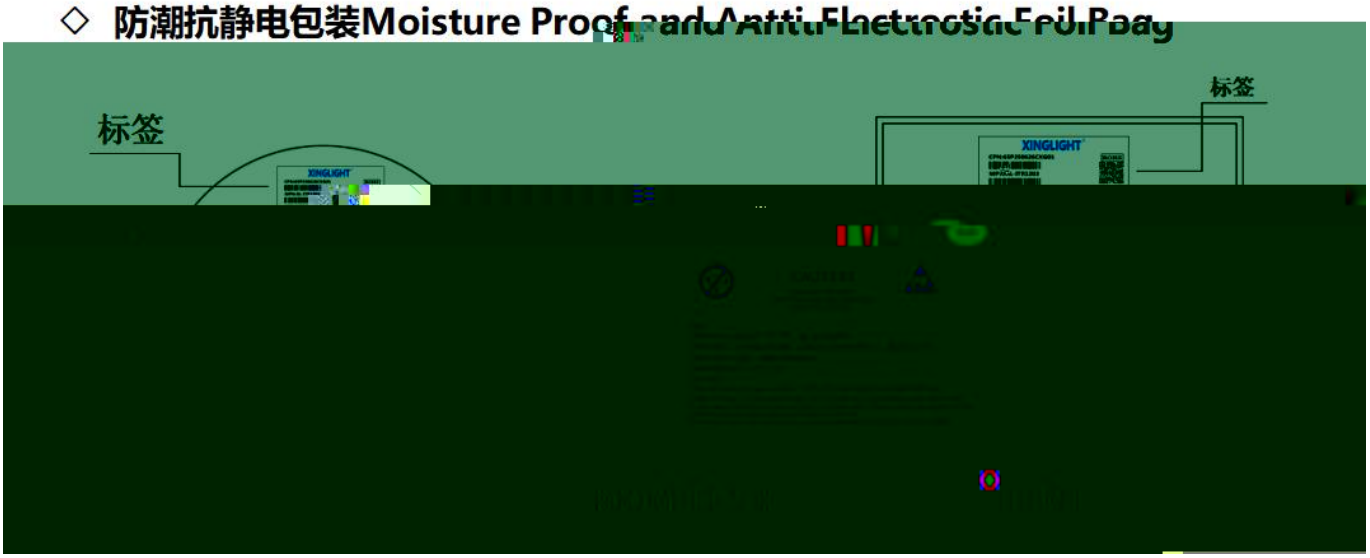
光电参数 Ta=25 (ta=25)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test conditions
Light Current	IL	38	55	-	εA	VCE=1V Ee=1mW/cm¦ @940nm
Light Current	IL	20	25	-	εA	VCE=1V Ee=1mW/cm¦ @525nm
Light Current	IL	29	35	-	εA	VCE=1V Ee=1mW/cm¦ @660nm
Dark Current	ID	-	-	20	NA	VCE=1V Ee=0mW/cm¦
Forward Voltage	VF	-	0.7	-	V	IF=1mA Ee=0mW/cm¦
Capacitance	C0	-	28	80	pF	VR =1V Ee=0 mW/cm¦ f=1MHz
Sensitivity Wavelength Range	∂	-	400	1100	nm	-
Radiant Sensitive Area	-	-	7.8	-	-	mm2

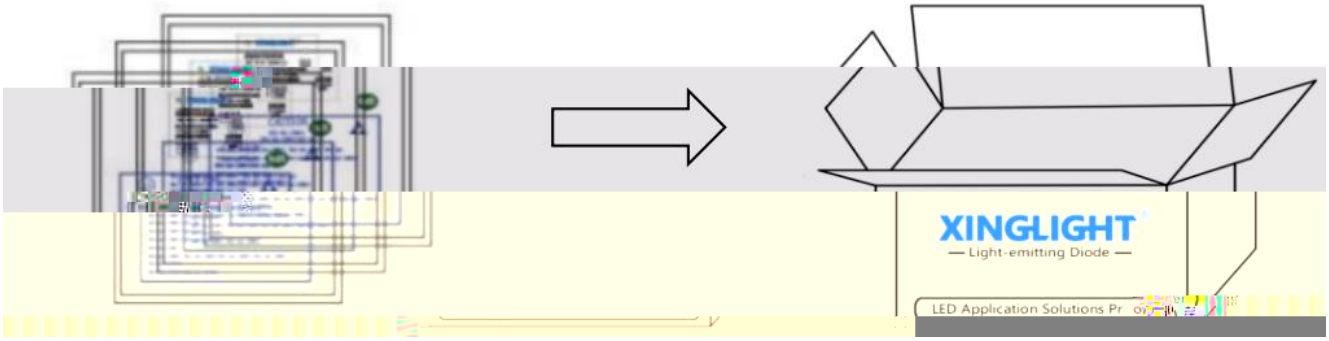
包装（2）

Packaging (2)

◇ 防潮抗静电包装Moisture Proof and Anti-Electrostic Foil Bag



◇ 外包装箱 Cardboard Box



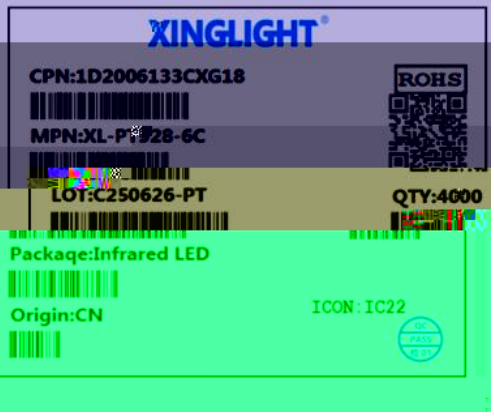
◇ 标签说明 Label Expantion

CPN：批号/档位　　MPN：型号

LOT：日期　　QTY：数量

ORIGIN：产地　　IC：光电流

PACKAQE：封装



使用注意事项（1）
utions (1)

贮存：

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Moisture pr

使用注意事项（3）

Precautions (3)

When handling the product, touching the encapsulant with bare hands will not only contaminate its surface but also affect the