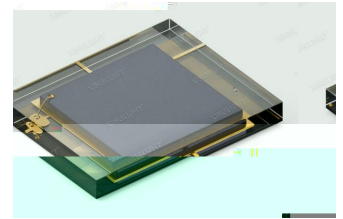


4437 贴片式光电二极管

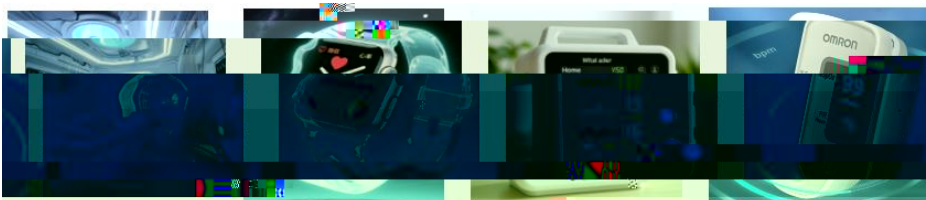


特点 (Features):

- * 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 (Applications):

- *
- 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 ~ +85℃	
Storage Temperature Range	TSTR	-40 ~ +100℃	
/ Lead Soldering Temperature/Time	TSOL	260 ±6S	/

* 0.1ms 1/10 * Note: Pulse Width 0.1ms, Duty 1/10

电性参数

Ta=25

(ta=25)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test conditions
Light Current	IL	38	55	-	μA	VCE=1V Ee=1mW/cm ² @940nm
Light Current	IL	20	25	-	μA	VCE=1V Ee=1mW/cm ² @525nm
Light Current	IL	29	35	-	μA	VCE=1V Ee=1mW/cm ² @660nm
Dark Current	ID	-	-	20	NA	VCE=1V Ee=0mW/cm ²
Forward Voltage	VF	-	0.7	-	V	IF=1mA Ee=0mW/cm ²
Capacitance	C0	-	28	80	pF	VR =1V Ee=0 mW/cm ² f=1MHz
Sensitivity Wavelength Range	!!	-	400	1100	nm	-
Radiant Sensitive Area	-	-	7.8	-	-	mm ²





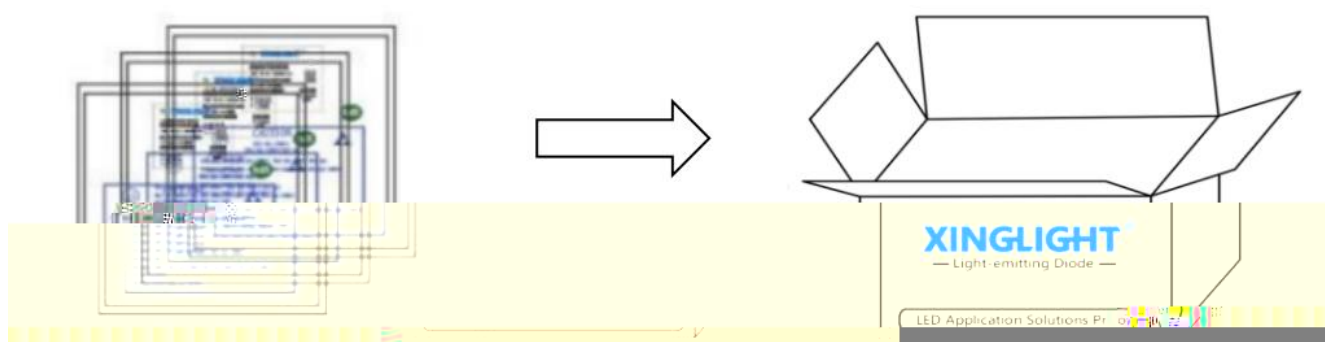
包装 (2)

Packaging (2)

◇ 防潮抗静电包装 Moisture Proof and Anti- Electrostatic Packaging



◇ 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



使用注意事項（1）

Precautions (1)

贮存:

.

Moisture pr

貯存:



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 performance of the product.

此警告

