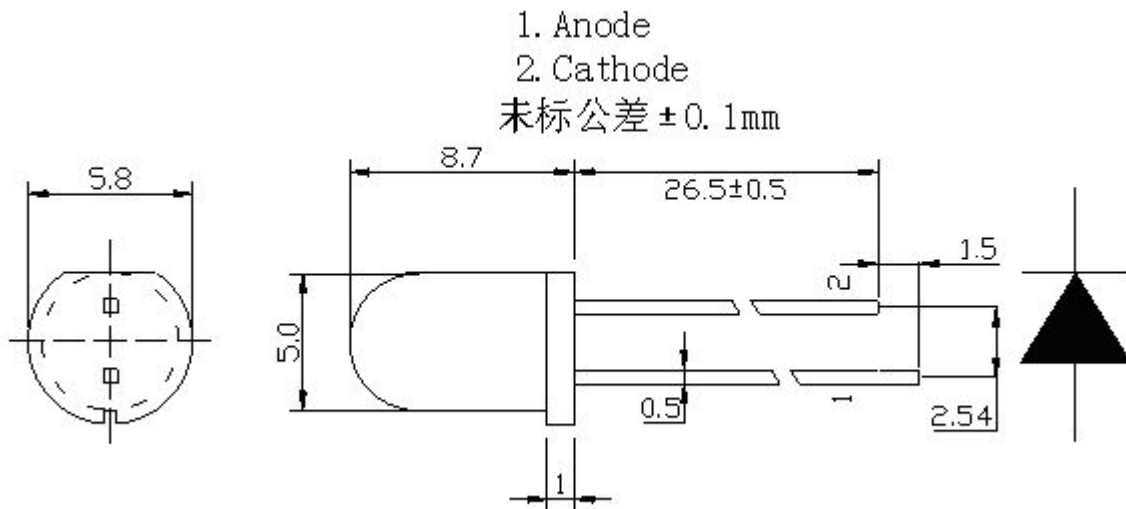


规格承认书

| | | |
|-------|-------------|---|
| 客户名称 | | <p>红外线发射管实图</p>  <p>型号：5AWMC06A</p> |
| 业务联系人 | 徐先生 | |
| 联系电话 | 13723760701 | |

型号: **5AWMC06A****1、Features (特征)**

- (1). 5*8.7mm ELLIPSE LAMP
(5*8.7mm 红外发射二极管)
- (2).LOWCURRENT REQUIREMENT
(低电流驱动)
- (3).LOWPOWER CONSUMPTION
(低功率消耗)
- (4).VERSATILE MOUNTING ON P.C. BOARD PANEL
(易安装)
- (5).LONG LIFE-SOLID STATE RELIABILITY
(寿命长)

2、Package Dimensions(封装尺寸)**Notes:**

- (1).All dimensions are in millimeters.
(单位: 毫米)
- (2).Tolerance is ± 0.25 unless otherwise noted.
(尺寸公差: ± 0.25 ,另有标注除外.)
- (3).Specifications are subject to change without notice.
(规格若有变动,恕不另行通知.)

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Module No:5AWMC06A

3、Electrical / Optical Characteristics at TA=25°C (25°C环境下之电性/光学特性)

| Parameter(参数) | Symbol (符号) | Min. (最小值) | Typ. (规格值) | Max. (最大值) | Units (单位) | TestConditions (测试条件) |
|----------------------------------|------------------|---------------|---------------|---------------|---------------|--------------------------|
| Forward Voltage (正向电压) | VF | -- | 1.2 | 1.35 | V | IF=20mA |
| Peak Emitting Wavelength (峰值波长) | λ_p | -- | 940 | -- | nm | IF=20mA |
| Spectral Line Half Width (光谱半宽度) | $\Delta \lambda$ | -- | 20 | -- | nm | IF=20mA |
| Reverse Current (反向电流) | IR | -- | -- | 10 | uA | VR=5V |
| Axial Radiant Intensity (辐射强度) | Io | 50 | 60 | -- | mW/sr | IF=20mA |
| Tenninal Capacitance (结电容) | Ct | -- | 20 | -- | pF | F=1MHZ |
| Half Intensity Angle (角度) | 2 θ 1/2 | -- | 60° | -- | deg | IF=20mA |
| Shoot distance (发射距离) | | 10 | | 25 | m | |

4、Absolute Maximum Ratings at TA=25°C (在25°C环境下之最大绝对额定值)

| Parameter(参数) | Symbo(符号) | Maximum Rating(最大值) | Units(单位) |
|---|-----------|---------------------|-----------|
| Power dissipation (耗散功率) | PD | 100 | mW |
| Aerage Forward Current(正向电流) | IF | 30 | mA |
| Peak Forward Current(Duty=0.1,1KHZ) (正向电流峰值) | IpF(Peak) | 1 | A |
| Reverse Voltage(反向电压) | VR | 5 V | |
| Operating Temperature Range (工作温度) | Topr | -20°C To +65°C | |
| Storage Temperature Range (贮藏温度) | Tstg | -40°C To +80°C | |
| Lead Solder Temperature(2)(焊接温度) | Tsol | 260°C for 3 seconds | |

Note:

(1).1/10 Duty Cycle, 0.1ms Pulse Width.

(1/10周期, 0.1ms脉宽)

(2).The production accord with the demand of ROHS.

(此产品符合ROHS要求.)

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5、Graphs

