

样品承认书

SPECIFICATION FOR APPROVAL

客户 CUSTOMER _____

联系人 DIRECTOR _____

样品号 SPEC NO _____ S20251104001 _____

型号规格 PART NO _____ F5 长脚有边雾状单闪黄发黄 _____

客户料号 CUSTOMER M.C _____

业务员 SALE _____

日期 DATE _____ 2025 年 11 月 04 日 _____

承认签名 APPROVED SIGN-ATURES

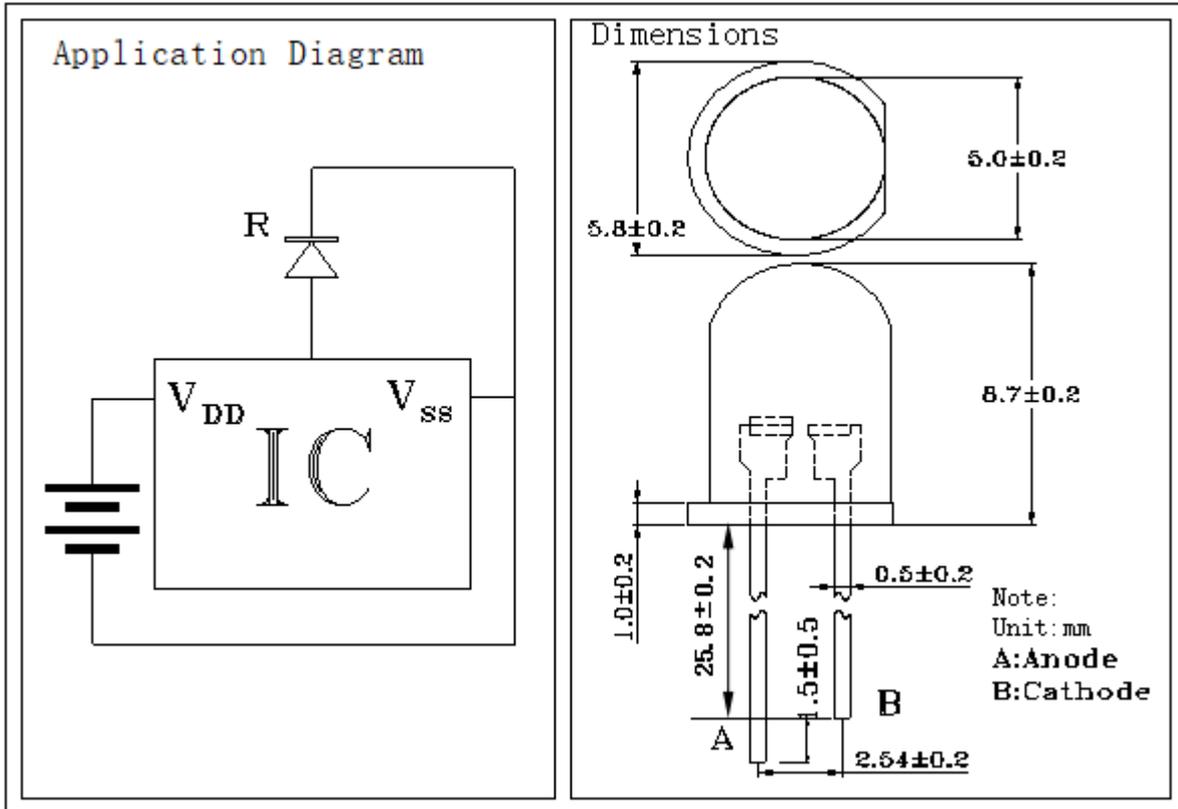
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PREPARED BY: _____ CHECKED BY: _____ APPROVED BY: _____

Features 产品特性

- ◆ ROHS Compliant 符合 ROHS 规范
- ◆ Reliable and Rugged 可靠耐用

Package Dimension 外形尺寸



Lens Color 灯体颜色	Source Color 发光颜色
雾状黄色	黄光

Notes:

1. All dimensions are in millimeters
所有尺寸单位为毫米
2. Protruded resin under flange is 1.0mm max
突出树脂最大为 1.0mm

Absolute Maximum Ratings at Ta=25°C 极限参数

parameter	max	Unit
Power Dissipation 功耗	108	mW
Peak Forward Current 峰值电流 (1/100Duty Cycle,0.1ms Pulse width)	30	mA
Continuous Forward Current 正向电流	20	mA
Reverse Voltage 反向电压	5	V
ESD (HBM) 抗静电能力 (人体模式)	2000	V
Operating Temperature Range 工作温度	-25°C to +85°C	
Storage Temperature Range 存储温度	-40°C to +100°C	
Lead Soldering Temperature 焊接温度 【3mm From Body】	260°C for 3 Seconds	

Electrical Optical Characteristics at Ta=25°C 光电参数

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity 发光强度	I_v	--	500	--	Mcd	I_f=20mA
Forward Voltage 正向压降	V_f	1.8	--	2.4	V_f	I_f=20mA
Reverse Current 反向漏电流	I_R	---	---	5	I_R	V_R=5V
Dominant Wavelength 波长	λ_d	588	590	592	nm	I_f=20mA

1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve. 发光强度是通过接近 CIE 眼睛响应曲线的光传感器和滤波器组合测量所得。
2. $\theta_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity. $\theta_{1/2}$ 是发光强度为轴向发光强度一半时的离轴角度。
3. The dominant wavelength (λ_d) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device. 主波长 (λ_d) 由 CIE 色度图导出, 表示定义器件颜色的单一波长。