

SPECIFICATION

Customer :

Applied To :

Product Name : Electronic Strobe

Model Name : KP-G110

Drawing No. : KP2.840.003R

Compliance with ROHS

Signature of Approval

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Signature of KEPO

Approved by	Checked by	Issued by	Date



宁波凯普电子有限公司

Ningbo Kepo Electronics Co.,Ltd.

宁波东钱湖镇东钱湖工业区宝源路 25 号

TEL:+86-574-88370330 FAX:+86-574-88370329

No.25 Baoyuan road Dongqian Lake, Industry Area, Dongqian town, Ningbo City, China(Post Code:315121)

Sales@chinaacoustic.com

www.chinaacoustic.com

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1. 范围 Scope

This product specification is applied to the Electronic Strobe used for stroboflash in alarm systems. Please contact us when using this product for any other applications than described in the above.

本规格书适用于电子频闪灯，通常它用在系统中做报警或提示，如果将该产品用于其它领域，请与我们联系。

2. 概要 General

2.1 OUT Diameter : $\Phi 77\text{mm}$

外径: $\Phi 77\text{mm}$

2.2 Height : 48mm

高度: 48mm

2.3 Weight : $90 \pm 5 \text{ g}$

重量: $90 \pm 5 \text{ 克}$

3. 额定极限条件 Maximum Rating

	项目 Item	规格 Specification
3.1	输入电压 input Voltage	8-15VDC
3.2	工作寿命 Operating Life	200 Hours Continuous Duty at 12VDC
3.3	工作温度范围 Operating Temperature Range	-20 ~ +60 °C
3.4	储存温度范围 Storage Temperature Range	-30 ~ +70 °C

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4. 电性能 Electrical Characteristics

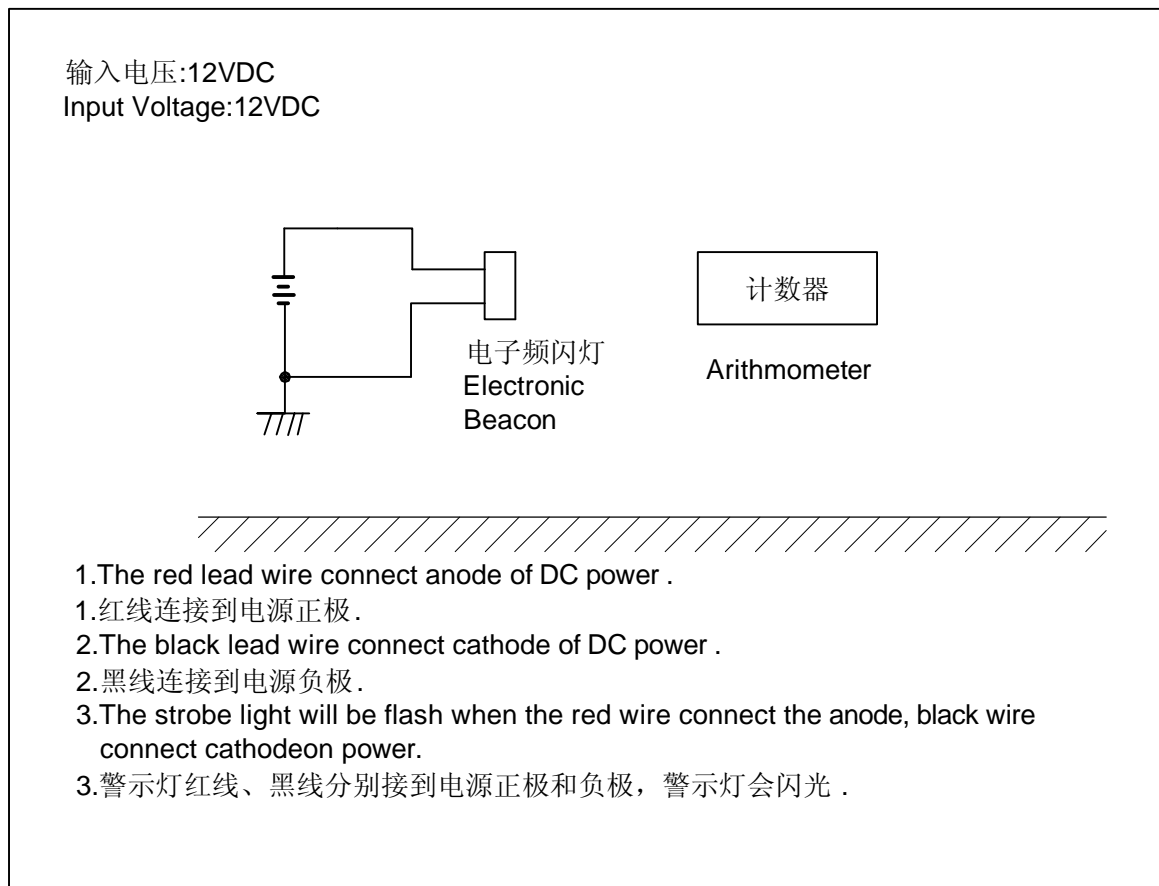
	Items 项目	Specification 规格
1	Rated Voltage 额定电压	12VDC
2	Case Material/Color 壳体材质/颜色	Base: ABS/Black Lens:Acrylic/Amber、Blue、Clear、Red
3	Strobe light current Draw 警示灯电流	150mA Max (at 12VDC)
4	Flash Frequency 警示灯频率	105± 20Per Minute
5		

测试条件参见下项

Refer to next item for measuring method.

5. 测试方法 Measuring Method

5.1 测试线路 Measuring Circuit



5.2 测试环境 Measuring Condition

Test condition : 15 ~ 35 °C , 25% ~ 85% RH, 860~1060 mbar

测试条件: 15~35 °C , 25%~85%RH , 860~1060mbar

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6. 可靠性试验 Reliability Test

After test(1~6item), the Electronic Strobe Flash Frequency. difference shall be within 15 times, and the appearance not exist any change to be harmful to normal operation(e.g.cracks,rusts,damages and especially distortion).

在1-6项试验后，这警示灯的频率变化值在15次之内，外观无变化（例如：开裂、生锈、损伤、变形等现象）。

	Item	Specification
1	High Temperature Test 高温试验	After being woked in a chamber with $+70\pm 2\text{ }^{\circ}\text{C}$ for 2h and then being placed in natural condition for 2h, sounder shall be measured. 将产品置于 $+70\pm 2\text{ }^{\circ}\text{C}$ 试验箱中，先工作 2小时，然后在正常大气压条件下恢复2小时后，进行测量
2	Low Temperature Test 低温试验	First being worked in a chamber with $-30\pm 2\text{ }^{\circ}\text{C}$ for 2h and then being placed in a chamber with $-30\pm 2\text{ }^{\circ}\text{C}$ for 16h, finally being placed in natural condtion for 2h, sounder shall be measured. 将产品置于 $-30\pm 2\text{ }^{\circ}\text{C}$ 试验箱中，先工作 2小时，再放置16小时，然后在正常大气压条件下恢复2小时后，进行测量
3	Humidity Test 潮湿试验	After being placed in a chamber with 90 to 95%R.H. at $+40\pm\text{ }^{\circ}\text{C}$ for 2 h and then being placed in natural condition for 2h , sounder shall be measured. 将产品置于湿度为 90-95%R.H，温度为 $40\pm 2\text{ }^{\circ}\text{C}$ 试验箱中 2小时，然后在正常大气压条件下恢复2小时后，进行测量
4	Shock 耐冲击性	Under acceleration of peak $100\text{m/s}^2(10\text{g})$ & half sine wave pulse (pulse time is 16ms)condition.run into product 1000 times continuously. 峰值加速度 $100\text{m/S}^2(10\text{g})$,脉冲持续时间为16ms的半正弦波脉冲对试样连续碰撞1000次，进行测量。

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	Item	Specification
5	Drop Test 跌落试验	Strobe packed in the carton are dropped in six direction from the height of 50cm to the concrete floor. 跌落高度50cm,6个不同方向整箱跌落到水泥地, 试验后进行测量.
6	Vibration Resistance 振动试验	Strobe shall be measured after being applied vibration of amplitude of 1.5mm with 10to 30Hz band of vibration frequency to each of 3 perpendicular directions for 2 hour. 振幅为1.5mm, 频率为10-30Hz,三个不同轴方向各振动2小时, 试验后进行测量.

7. 包装标准 Packaging Standard

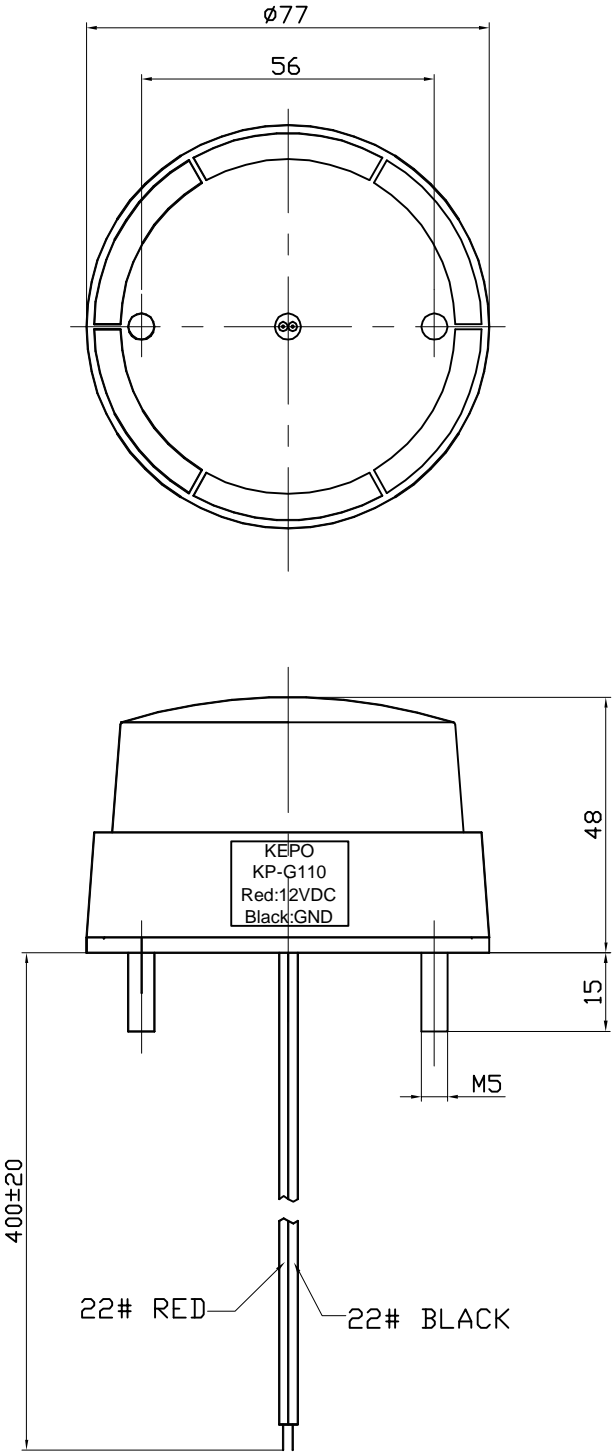
产品的外包装是纸箱,它应该清楚的标明型号,数量,出厂检验批号.
在运输及储存的过程中,产品必须不会受到机械损伤.

Each minimum package unit of products shall be in a carton box and it shall be clearly marked with Part Number, quantity and outgoing inspection number.

There shall be no mechanical damage on products during transportation and/or in storage.

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8. Dimensions



FIRST ANGLE PROJECTION

UNIT : mm
Tolerance : ± 0.5

