



常州市嘉传电子有限公司

Changzhou Jiachuan Electronics Co., Ltd.

# SPECIFICATION FOR APPROVAL

## 产品规格承认书

### JC-BUZ0955-A01 有源蜂鸣器 / Active Buzzer

| Item 项目            | Information 信息                                          |
|--------------------|---------------------------------------------------------|
| Customer 客户        |                                                         |
| Customer P/N 客户料号  |                                                         |
| Supplier 供应商       | 常州市嘉传电子有限公司<br>Changzhou Jiachuan Electronics Co., Ltd. |
| Jiachuan P/N 嘉传型号  | JC-BUZ0955-A01                                          |
| Description 产品名称   | 有源蜂鸣器 / Active Buzzer                                   |
| Specification 产品规格 | 详见技术规格 / See Technical Specifications                   |
| Issue Date 发行日期    | 2026-09-08                                              |
| Revision 版本        | A0                                                      |

Approval / 签核

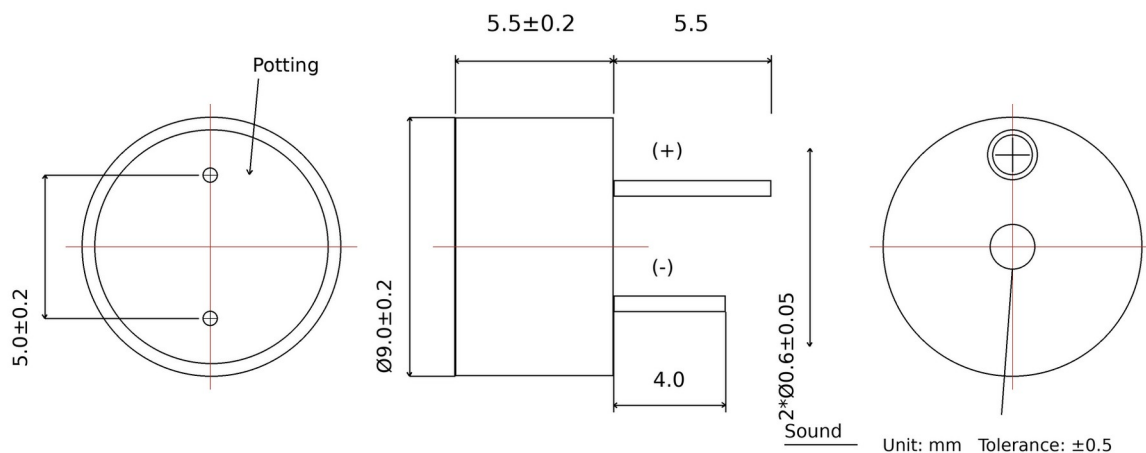
| Prepared 制作 | Checked 审核 | Approved 批准 | Company Seal 公司印章 |
|-------------|------------|-------------|-------------------|
| 李明珠         | 王敏娜        | 黄继桥         |                   |



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## A. Dimensions / 外形尺寸



## B. Specifications / 电气规格

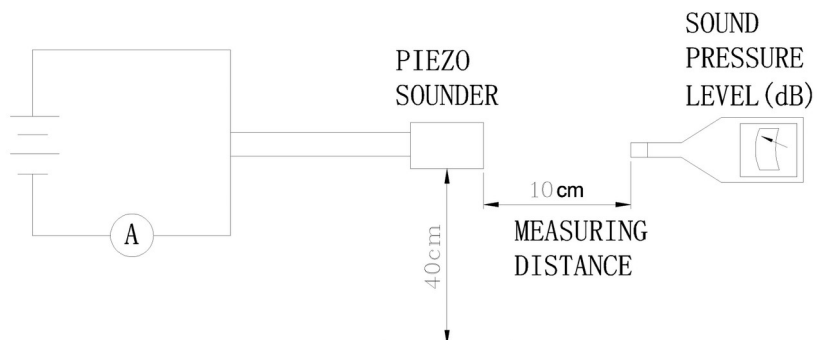
| Item / 项目                                | Specification / 规格 |
|------------------------------------------|--------------------|
| Model No. / 型号                           | JC-BUZ0955-A01     |
| Rated Voltage / 额定电压                     | 3 / 5 / 12 VDC     |
| Operating Voltage / 工作电压                 | 2.0 ~ 14.0 VDC     |
| Max. Rated Current / 最大额定电流              | Max. 30 mA         |
| Sound Pressure Level (dB) at 10 cm / 声压级 | Min. 80 dB         |
| Resonant Frequency / 谐振频率                | 2700 ± 300 Hz      |
| Operating Temperature / 工作温度             | -20°C ~ +75°C      |
| Storage Temperature / 储存温度               | -30°C ~ +85°C      |
| Case Material and Color / 外壳材料及颜色        | PBT / Black        |

### Measuring Condition / 测量条件

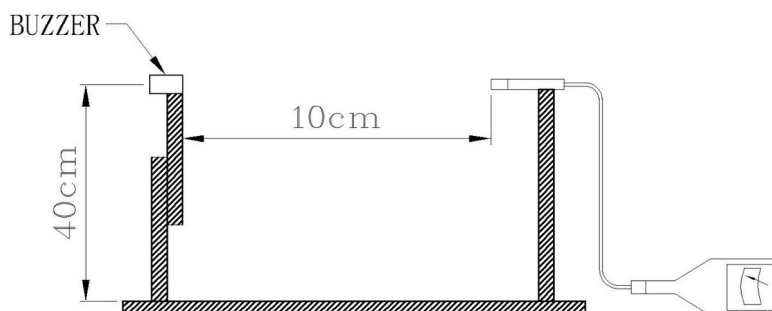
Part shall be measured under a condition (Temperature: 5~35°C, Humidity: 45%~85% R.H., Atmospheric pressure: 860~1060 hPa) unless the standard condition (Temperature: 25±3°C, Humidity: 60±10% R.H., Atmospheric pressure: 860~1060 hPa) is regulated to measure.

### C. Acoustic Characteristics / 声学特性测试

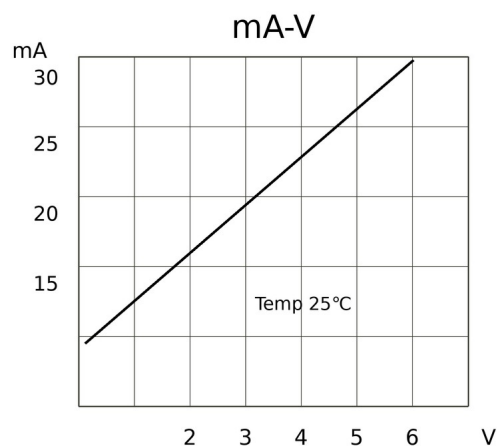
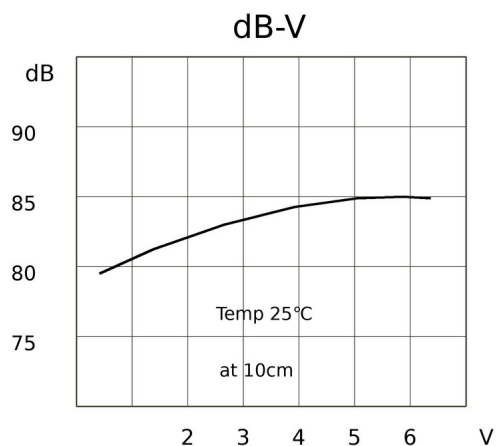
The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below. / 振荡频率、电流消耗及声压按下图所示装置测量。



### D. In the measuring test, buzzer is placed as follows / 测试摆放



### E. Typical Frequency Response Curve / 典型特性曲线





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## F. Reliability Test / 可靠性试验

**Acceptance Criterion / 判定标准:** After any following tests the part shall meet specifications without any degradation in appearance and performance except SPL. SPL shall not deviate more than -10 dB from the initial value.

| No. | Test Item / 试验项目                        | Condition / 条件                                                                                     |
|-----|-----------------------------------------|----------------------------------------------------------------------------------------------------|
| 1   | Ordinary Temperature Life Test / 常温寿命试验 | 96 hours at 25±10°C. Input rated voltage. Resonant frequency, 1/2 duty square wave.                |
| 2   | High Temperature Test / 高温试验            | Storage temperature +85°C for 96 hours.                                                            |
| 3   | Low Temperature Test / 低温试验             | Storage temperature -30°C for 96 hours.                                                            |
| 4   | Humidity Test / 湿热试验                    | +40°C±3°C; Relative Humidity 90%~95%; Duration 48 hours; expose to room temperature for 6 hours.   |
| 5   | Temperature Shock Test / 温度冲击试验         | 75°C / 1 hour → 25°C / 3 hours → -30°C / 1 hour → 25°C / 3 hours (1 cycle). Total: 10 cycles.      |
| 6   | Drop Test / 跌落试验                        | Standard Packaging From 120 mm (Drop on hard wood or board of 5 cm thick, three sides, six plain.) |
| 7   | Vibration Test / 振动试验                   | Vibration: 1000 cycles/min. Amplitude: 1.5 mm. Duration: 1 hour in each 3 axes.                    |

## G. Note / 注意事项

As this product is not protected from foreign material entering, please make sure that any foreign materials (e.g. magnetic powder, washing solvent, flux, corrosive gas) do not enter this product in your production processes. The functional degradation (e.g. SPL down) may occur if foreign material enter it.

## H. Packing / 包装方式

可按客户要求包装。 / Packaging can be customized according to customer requirements.