



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-BUZ6636-P01 无源蜂鸣器 / Passive 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-BUZ6636-P01                                          |
| Description 产品名称   | 无源蜂鸣器 / Passive 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

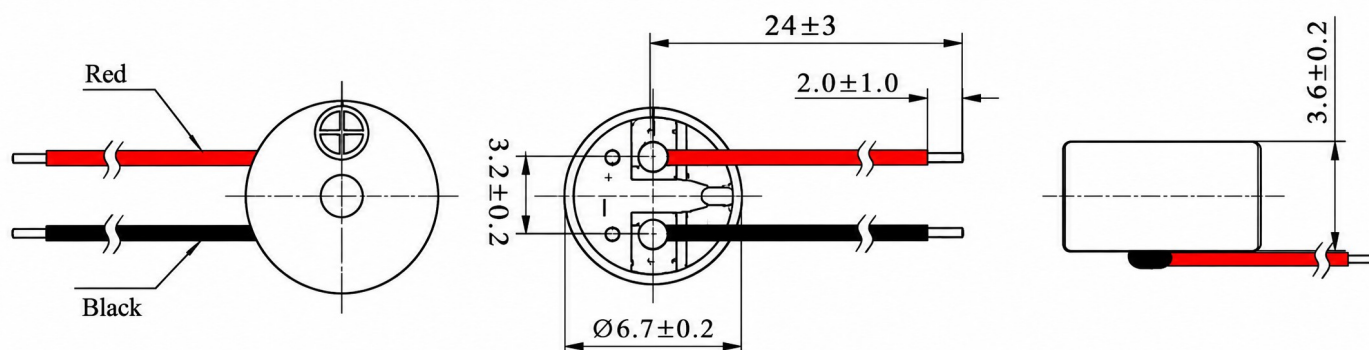
| Prepared 制作 | Checked 审核 | Approved 批准 | Company Seal 公司印章 |
|-------------|------------|-------------|-------------------|
| 李明珠         | 王敏娜        | 黄继桥         |                   |



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A. Dimensions / 外形尺寸 Unit: mm / 单位: mm



Drawing note / 图纸说明: Red = 红线; Black = 黑线; Sound Emission Hole = 出声孔; right-side note indicates natural-color enameled copper wire, 0.3 mm. / 右侧标注为铜本色漆包线 0.3 mm.

B. Specifications / 电气规格

|                                         |                          |
|-----------------------------------------|--------------------------|
| Model No. / 型号                          | JC-BUZ6636-P01           |
| Rated Voltage / 额定电压                    | 3 / 5 V <sub>o-p</sub>   |
| Operating Voltage / 工作电压                | 3.0–7.0 V <sub>o-p</sub> |
| Max. Rated Current / 最大额定电流             | Max. 110 mA              |
| Sound Pressure Level @10 cm / 10 cm 声压级 | Min. 70 dB               |
| Resonant Frequency / 谐振频率               | 2700 Hz                  |
| Coil Resistance / 线圈电阻                  | 16 / 42 ±15% Ω           |
| Operating Temperature / 工作温度            | -20 °C to +70 °C         |
| Storage Temperature / 储存温度              | -30 °C to +80 °C         |
| Case Material and Colour / 外壳材料及颜色      | PPO / Black              |

\* Values apply at rated voltage. / \* 标“\*”目的适用于定件。

Measuring Condition / 测量条件

Temperature 5–35°C, Relative Humidity 45%–85%RH, Atmospheric Pressure 860–1060 hPa; unless otherwise specified, standard condition: Temperature 25±3°C, Relative Humidity 60±10%RH, Atmospheric Pressure 860–1060 hPa.

测量条件: 温度 5–35°C、相对湿度 45%–85%RH、大气压 860–1060 hPa; 如无特别说明, 标准条件为温度 25±3°C、相对湿度 60±10%RH、大气压 860–1060 hPa.

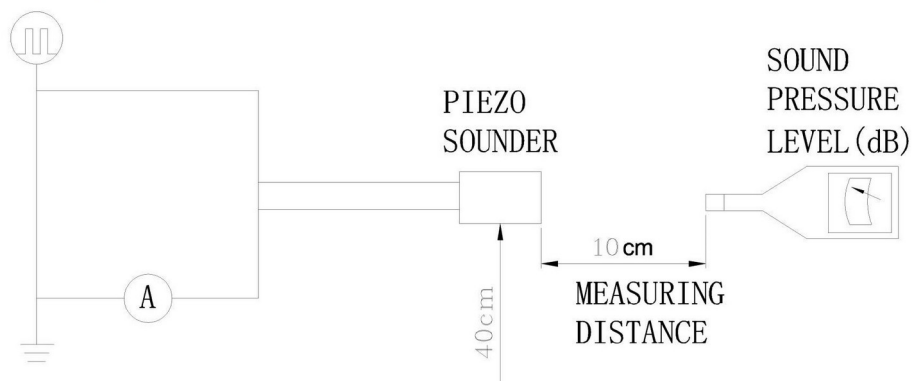


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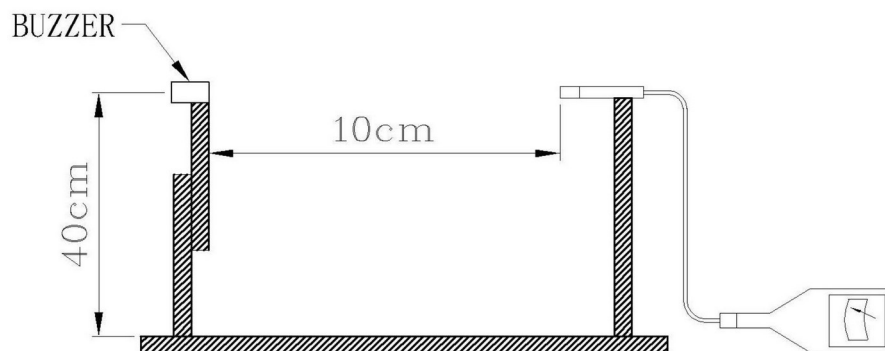
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### C. Acoustic Characteristics / 声学特性测试

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



### Measuring Placement / 测试摆放



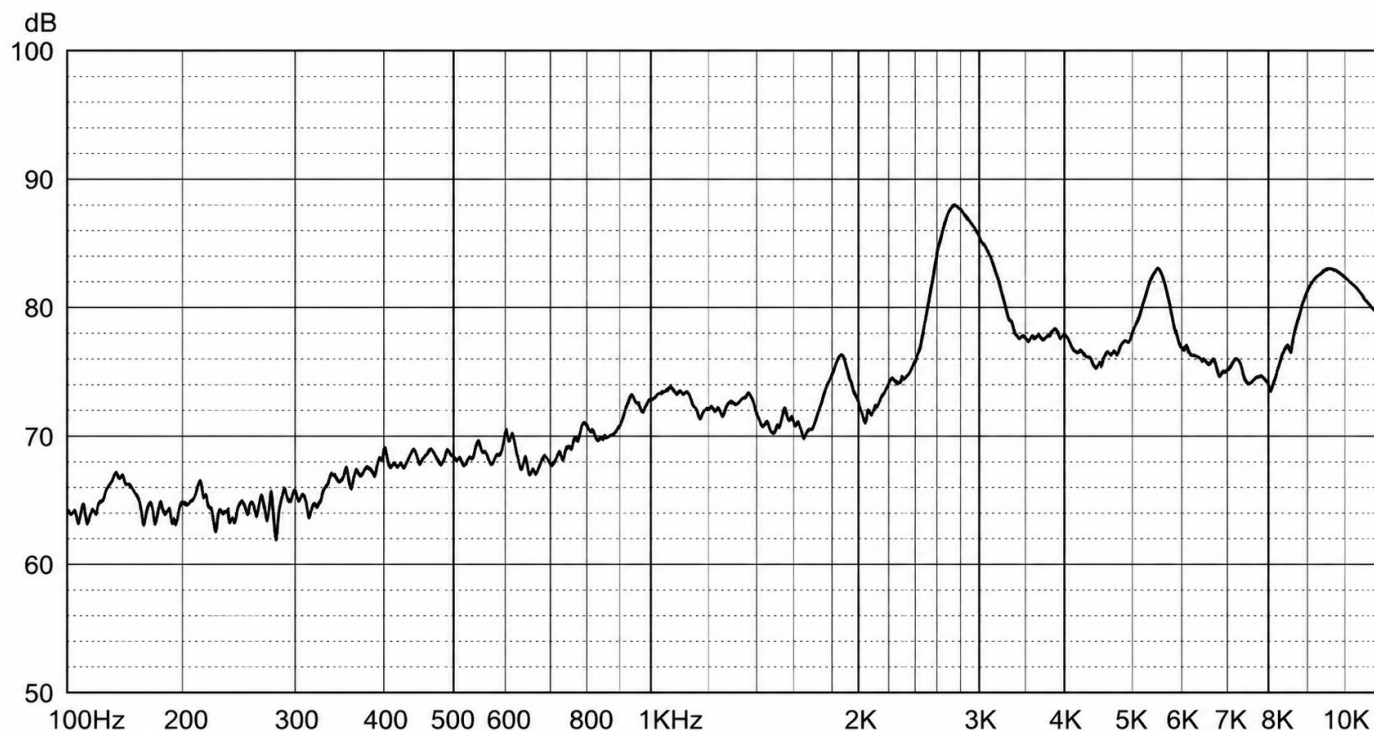
Buzzer and sound level meter are positioned as shown; measuring distance is 10 cm. / 蜂鸣器与声级计按图示摆放，测量距离为 10 cm。



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D. Typical Frequency Response Curve / 典型频率响应曲线



Typical frequency response curve from the current JC-BUZ6636-P01 source specification. / 当前 JC-BUZ6636-P01 原始格料中的典型率曲。



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## E. Reliability Test / 可靠性试验

After any of the following tests, the part shall meet specifications without degradation in appearance and performance except SPL. SPL shall not deviate more than -10 dB from the initial value. / 以下试验后，除声压级外，产品外观及性能应符合规格要求；声压级相对初始值下降不得超过 10 dB。

### 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. / 25±10°C下 96 小时；输入额定电压；谐振频率；1/2 占空比方波。

### 2. High Temperature Test / 高温试验

Storage at +80°C for 96 hours. / +80°C 储存 96 小时。

### 3. Low Temperature Test / 低温试验

Storage at -30°C for 96 hours. / -30°C 储存 96 小时。

### 4. Humidity Test / 湿热试验

+40°C±3°C; Relative Humidity 90%–95%; Duration 48 hours; then expose to room temperature for 6 hours. / +40°C±3°C、相对湿度 90%–95% 条件下 48 小时，之后室温放置 6 小时。

### 5. Temperature Shock Test / 温度冲击试验

70°C/1 hour → 25°C/3 hours → -30°C/1 hour → 25°C/3 hours (1 cycle); total 10 cycles. / 70°C/1 小时→25°C/3 小时→-30°C/1 小时→25°C/3 小时为 1 循环，共 10 循环。

### 6. Drop Test / 跌落试验

Standard packaging; drop from 120 mm onto hard wood or 5 cm-thick board, three sides, six planes. / 标准包装，从 120 mm 高度跌落至硬木或 5 cm 厚木板，三六面。

### 7. Vibration Test / 振动试验

1000 cycles/min; amplitude 1.5 mm; duration 1 hour in each of 3 axes. / 1000 次/分钟；振幅 1.5 mm；三个轴向各 1 小时。

## Note / 注意事项

This product is not protected from foreign material entering. Ensure magnetic powder, washing solvent, flux, corrosive gas, etc. do not enter during production; otherwise functional degradation such as SPL reduction may occur. / 本品无防物入保。生程中避免磁粉、洗溶、助、腐蚀性等入品，否可能致下降等性能劣化。

## F. Packaging / 包装方式

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