



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-BUZ1614-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 Changzhou Jiachuan Electronics Co., Ltd.
Jiachuan P/N 嘉传型号	JC-BUZ1614-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

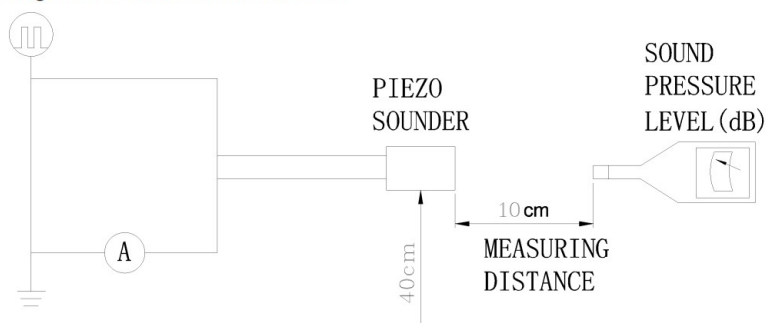
Approval / 签核

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

C. Acoustic Characteristics / 声学特性测试

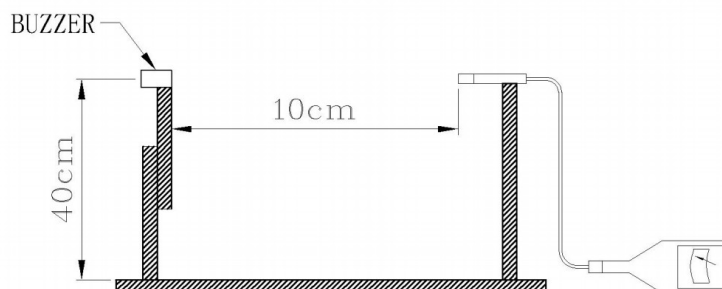
The oscillation frequency, current consumption and sound pressure are measured using the arrangement shown below. / 振荡频率、电流消耗及声压按下图所示装置测量。

measuring instruments shown below



Measuring Placement / 测试摆放

In the measuring test, buzzer is placed as follows:



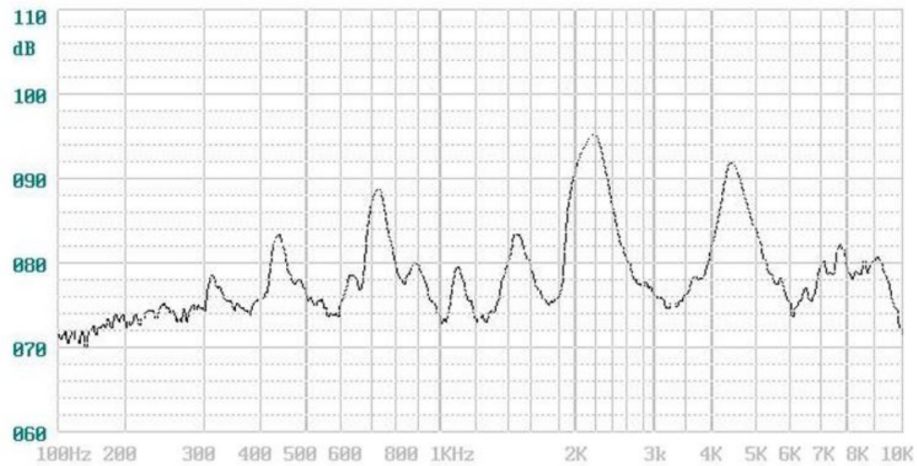
Buzzer and sound level meter are positioned as shown; measuring distance is 10 cm. / 蜂鸣器与声级计按图示摆放，测量距离为 10 cm.



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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-BUZ1614-P01 source specification. / 当前 JC-BUZ1614-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%; 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 h → 25°C/3 h → -30°C/1 h → 25°C/3 h (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; 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.