



SPECIFICATION FOR APPROVAL

产品规格承认书

JC-BUZ0942-P01 无源蜂鸣器 / Passive Buzzer

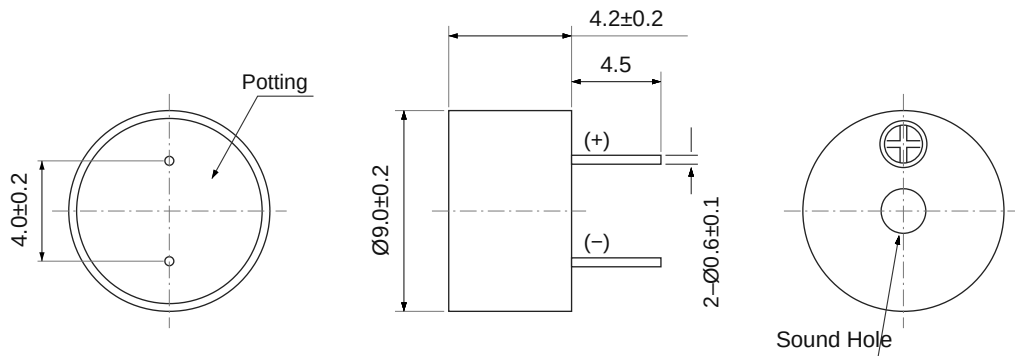
Item 项目	Information 信息
Customer 客户	
Customer P/N 客户料号	
Supplier 供应商	常州市嘉传电子有限公司 / Changzhou Jiachuan Electronics Co., Ltd.
Jiachuan P/N 嘉传型号	JC-BUZ0942-P01
Description 产品名称	无源蜂鸣器 / Passive Buzzer
Specification 产品规格	详见技术规格 / See Technical Specifications
Issue Date 发行日期	2026-09-08
Revision 版本	A0

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	

A 外形尺寸 Dimensions

单位 Unit: mm 未注公差 General tolerance: ± 0.5



B 技术参数 Specifications

项目 Parameter	规格 Specification
型号 Model	JC-BUZ0942-P01
额定电压 Rated voltage	3 / 5 / 12 V
工作电压 Operating voltage	2.0–14.0 V
最大额定电流 Max. rated current	80 mA max.
声压级 Sound pressure level	80 dB min. at 10 cm / 2730 Hz
谐振频率 Resonant frequency	2730 Hz
线圈电阻 Coil resistance	16 / 42 / 120 $\Omega \pm 15\%$
工作温度 Operating temperature	-20°C to +70°C
储存温度 Storage temperature	-30°C to +80°C
外壳材料及颜色 Case material and color	PBT / 黑色 Black

测试环境 Measuring conditions

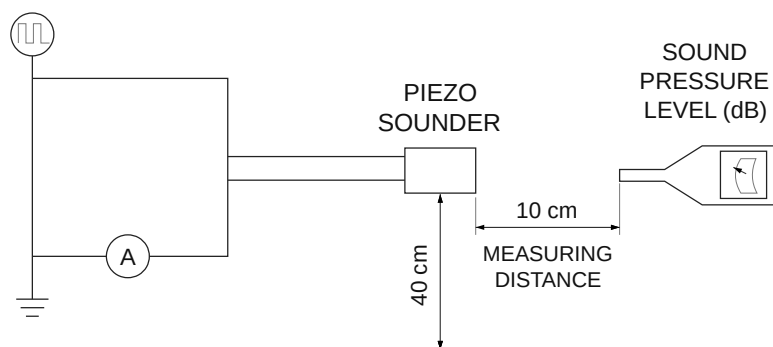
一般条件：温度 5–35°C，相对湿度 45%–85% R.H.，大气压力 860–1060 hPa。指定标准条件时：温度 25 $\pm$ 3°C，相对湿度 60 $\pm$ 10% R.H.，大气压力 860–1060 hPa。

Unless standard conditions are specified, measure at 5–35°C, 45%–85% R.H. and 860–1060 hPa. Standard conditions: 25 $\pm$ 3°C, 60 $\pm$ 10% R.H. and 860–1060 hPa.

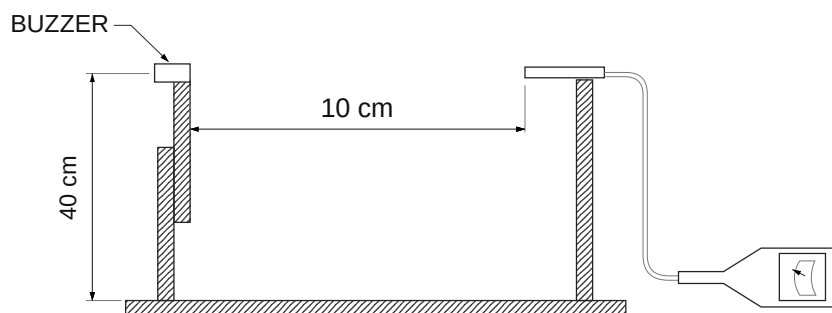
C 声学测试 Acoustic characteristics

振荡频率、消耗电流和声压按下列仪器布置测量。

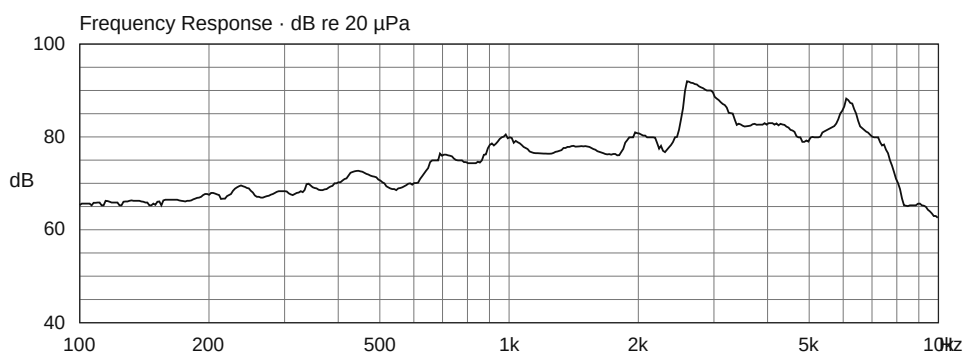
Oscillation frequency, current consumption and sound pressure are measured using the arrangement below.



测试时蜂鸣器放置方式 / Buzzer placement during measurement



D 典型频响曲线 Typical frequency response





常州市嘉传电子有限公司

Changzhou Jiachuan Electronics Co., Ltd.

E 可靠性测试 Reliability tests

以下试验后，除声压级外，产品外观及性能应符合规格；声压级相对初始值下降不得超过 10 dB。

After the following tests, appearance and performance shall meet specifications, except that SPL may decrease by no more than 10 dB from its initial value.

试验 Test	试验条件 Conditions
1 常温寿命 Ordinary temperature life	25±10°C，96 小时；额定电压、谐振频率、1/2 占空比方波。 96 h at 25±10°C; rated voltage, resonant frequency, square wave with 1/2 duty cycle.
2 高温储存 High temperature	+80°C 储存 96 小时。 Storage at +80°C for 96 h.
3 低温储存 Low temperature	-30°C 储存 96 小时。 Storage at -30°C for 96 h.
4 湿热 Humidity	+40±3°C，90%–95% R.H.，48 小时；随后室温放置 6 小时。 48 h at +40±3°C, 90%–95% R.H.; then 6 h at room temperature.
5 温度冲击 Temperature shock	70°C / 1 h → 25°C / 3 h → -30°C / 1 h → 25°C / 3 h；共 10 循。 The above sequence is one cycle; 10 cycles total.
6 跌落 Drop	准包，120 mm 高度跌落至硬木或 5 cm 厚木板。 Standard packaging; drop from 120 mm onto hard wood or a 5 cm thick board; "three sides, six plain."
7 振动 Vibration	1000 次/分钟，振幅 1.5 mm；三个轴向各 1 小时。 1000 cycles/min, amplitude 1.5 mm; 1 h in each of 3 axes.

注意事项 Precautions

本产品无异物进入防护。生产过程中应防止磁粉、清洗溶剂、助焊剂、腐蚀性气体等进入，否则可能造成声压下降等性能劣化。

This product is not protected against foreign material ingress. Prevent magnetic powder, washing solvents, flux and corrosive gases from entering during production, as they may cause functional degradation such as reduced SPL.

F 包装 Packaging

可按客户要求包装。

Packaging can be customized according to customer requirements.

包装方式、每包装数量、外箱尺寸及标签内容按双方确认的包装要求执行。

Packing method, quantity per pack, carton dimensions and label content shall follow the mutually agreed packaging requirements.