



SPECIFICATION FOR APPROVAL

产品规格承认书

JC-BUZ0945-P01 无源蜂鸣器 / Passive Buzzer

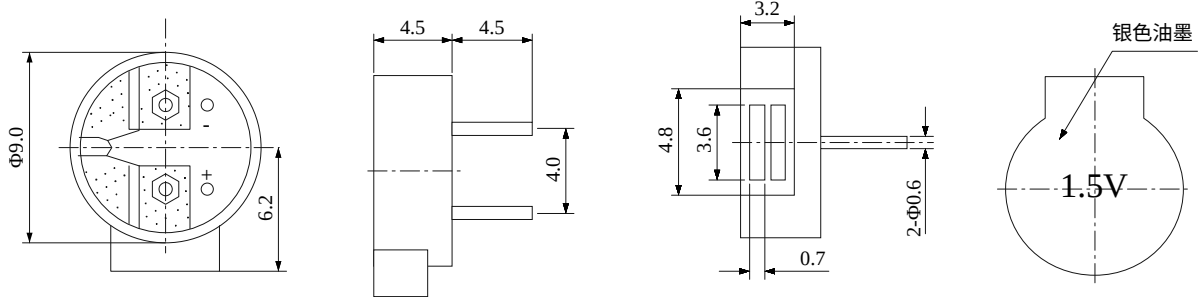
Item 项目	Information 信息
Customer 客户	
Customer P/N 客户料号	
Supplier 供应商	常州市嘉传电子有限公司 / Changzhou Jiachuan Electronics Co., Ltd.
Jiachuan P/N 嘉传型号	JC-BUZ0945-P01
Description 产品名称	无源蜂鸣器 / Passive Buzzer
Specification 产品规格	详见技术规格 / See Technical Specifications
Issue Date 发行日期	2026-09-08
Revision 版本	A0

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 Dimensions

Unit: mm General tolerance: ± 0.5



B Specifications

Parameter	Specification
Model	JC-BUZ0945-P01
Rated voltage	1.5-7 Vo-p
Operating voltage	1.5-7.0 Vo-p
Max. rated current	80 mA max.
Sound pressure level	80 dB min. at 10 cm / 2700 Hz
Resonant frequency	2700 Hz
Coil resistance	16 / 42 $\Omega \pm 15\%$
Operating temperature	-20°C to +70°C
Storage temperature	-30°C to +80°C
Case material and color	PPO / Black

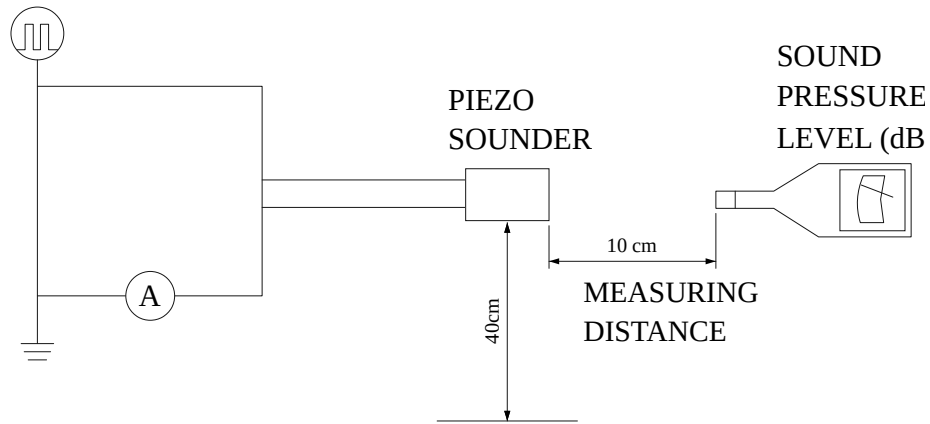
Measuring conditions

5-35°C 45%-85% R.H. 860-1060 hPa 25 $\pm$ 3°C 60 $\pm$ 10% R.H. 860-1060 hPa

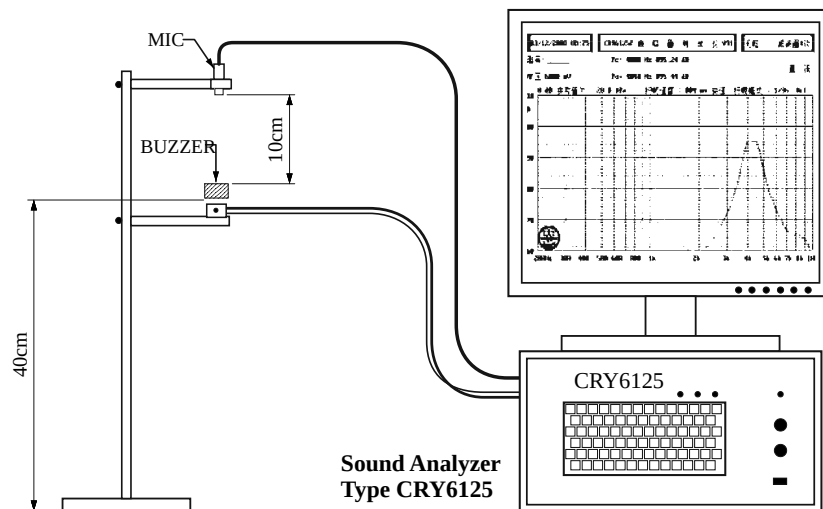
Unless standard conditions are specified, measure at 5-35°C, 45%-85% R.H. and 860-1060 hPa. Standard conditions: 25 $\pm$ 3°C, 60 $\pm$ 10% R.H. and 860-1060 hPa.

C Acoustic characteristics

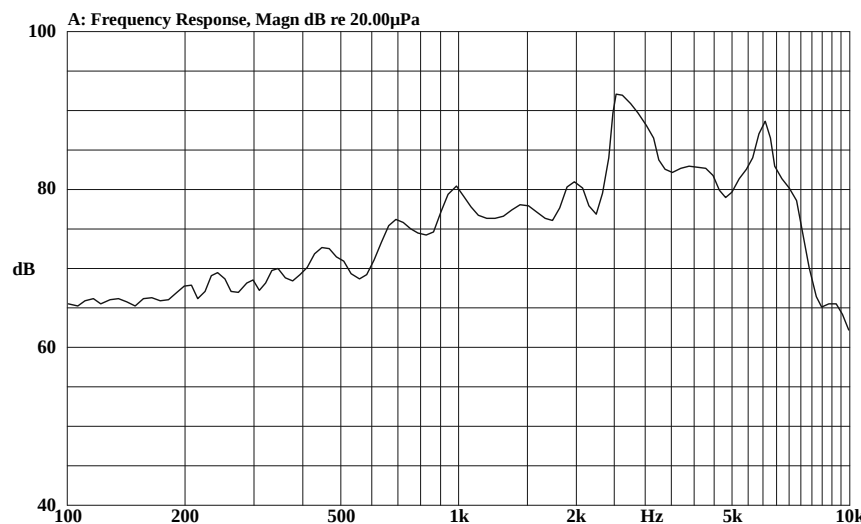
Oscillation frequency, current consumption and sound pressure are measured using the arrangement below.



/ Buzzer placement during measurement



D Typical frequency response





常州市嘉传电子有限公司

Changzhou Jiachuan Electronics Co., Ltd.

E Reliability tests

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.

Test	Conditions
1 Ordinary temperature life	96 h at 25±10°C; rated voltage, resonant frequency, square wave with 1/2 duty cycle.
2 High temperature	Storage at +80°C for 96 h.
3 Low temperature	Storage at -30°C for 96 h.
4 Humidity	48 h at +40±3°C, 90%-95% R.H.; then 6 h at room temperature.
5 Temperature shock	70°C / 1 h → 25°C / 3 h → -30°C / 1 h → 25°C / 3 h; 10 cycles total.
6 Drop	Standard packaging; drop from 120 mm onto hard wood or a 5 cm thick board; three sides, six plain.
7 Vibration	1000 cycles/min, amplitude 1.5 mm; 1 h in each of 3 axes.

Precautions

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 Packaging

Packaging can be customized according to customer requirements.

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