

SPECIFICATION FOR APPROVAL

产品规格承认书

JC-SPK1713-BOX01-8R1W-WL

13×17 腔体扬声器 / 13×17 BOX Speaker

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-SPK1713-BOX01-8R1W-WL
Description / 产品名称	13×17 腔体扬声器 / 13×17 BOX Speaker
Specification / 产品规格	13×17×8.2 mm / 8Ω / Rated 1.0W / Max. 1.3W
Issue Date / 发行日期	2026-10-02
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	

Customer Confirmation / 客户确认

Customer Approval / 客户承认	
Date / 日期	

1. 使用范围 / Scope

本规格书适用于 13×17 mm 微型矩形塑胶框动圈扬声器，配引线及 GH1.25-2P 连接器。性能参数中的部分项目按 1cc 声腔条件定义。/ This specification applies to the 13×17 mm rectangular plastic-frame dynamic speaker with wire lead and GH1.25-2P connector. Some acoustic parameters are specified under a 1cc test-box condition.

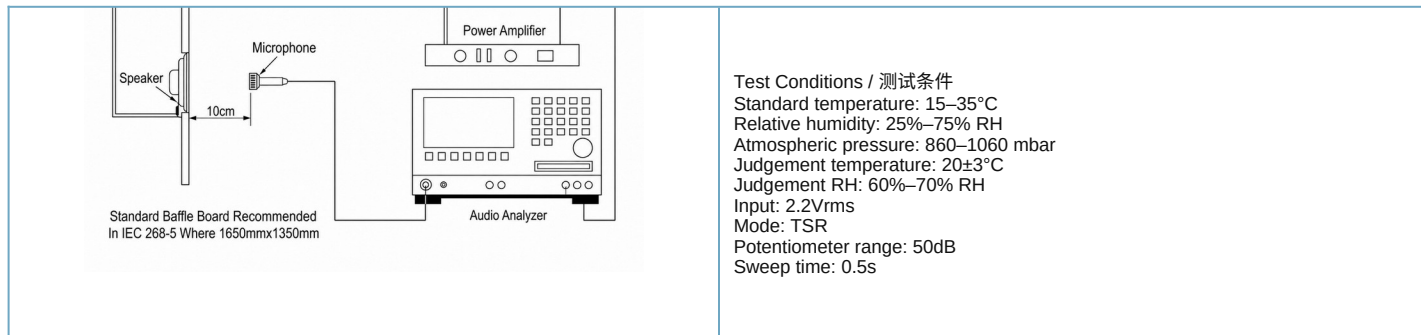
2. 电声特性 / Electro-acoustic Characteristics

No.	Item / 项目	Specification / 规格	Condition / 条件
2.1	Dimension / 外形尺寸	13×17×8.2 mm	Nominal
2.2	Rated / Max. Power / 额定/最大功率	Rated 1.0W / Max. 1.3W	—
2.3	Rated Impedance / 额定阻抗	8Ω ±15%	2.0kHz / 2.2Vrms
2.4	DCR / 直流电阻	7.8Ω ±10%	—
2.5	F0 / 共振频率 (自由场)	550Hz ±20%	1.0Vrms / 10cm, free air
2.6	F0 / 共振频率 (1cc 声腔)	850Hz ±20%	2.2Vrms / 10cm, 1cc box
2.7	SPL / 输出声压	96±3 dB SPL	2.2Vrms / 10cm / 2kHz / 1cc box
2.8	Frequency Range / 频率范围	F0 ~ 20kHz	—
2.9	THD / 总谐波失真	≤10%	2kHz / 2.2Vrms / 10cm
2.10	Flux Density / 磁通密度	0.4T	—
2.11	Operation Test / 工作测试	Normal	Sine wave / program source 0.8W
2.12	Buzz & Rattle / 异常音	No audible noise	200Hz~2kHz / up to 2.2Vrms / 1cc box
2.13	Weight / 重量	1.5g	—
2.14	Polarity / 极性	Positive → diaphragm moves forward	—
2.15	Temperature / 温度范围	Operating: -20°C~+70°C Storage: -40°C~+85°C	—
2.16	Appearance / 外观	No damage, cracks, rust or distortion affecting normal operation	—

3. 可靠性测试 / Reliability Test

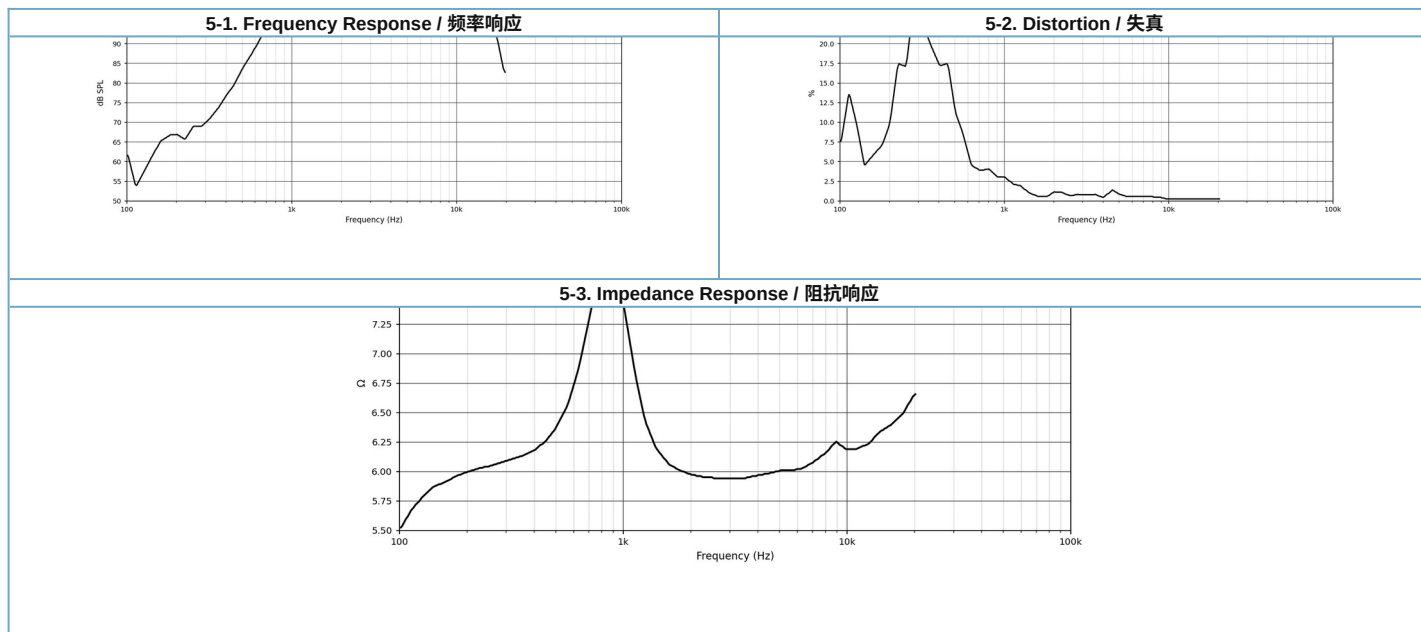
Item / 项目	Condition / 条件	Acceptance / 判定
High Temperature / 高温	+85°C±3°C, 96h	Normal
Low Temperature / 低温	-40°C±3°C, 96h	Normal
Humidity / 湿热	+40°C±3°C, 90~95%RH, 96h; recovery 6h	Normal
Thermal Cycle / 温度循环	-40°C±3°C ↔ +85°C±3°C; 2h at each extreme; 12 cycles; recovery 2h	Normal
Vibration / 振动	10~55~10Hz, 1.5mm amplitude; X/Y/Z 2h each	Normal
Drop / 跌落	1.5m with 100g fixture; source procedure total 20 drops	Normal
Load Test / 负载寿命	0.8W pink noise, 96h in 1cc box	Normal
Terminal Strength / 端子强度	1.0kg load, 15s	Normal
Pass Criterion / 判定标准	After recovery	SPL change within ±3dB

4. 测量方式 / Measurement Method



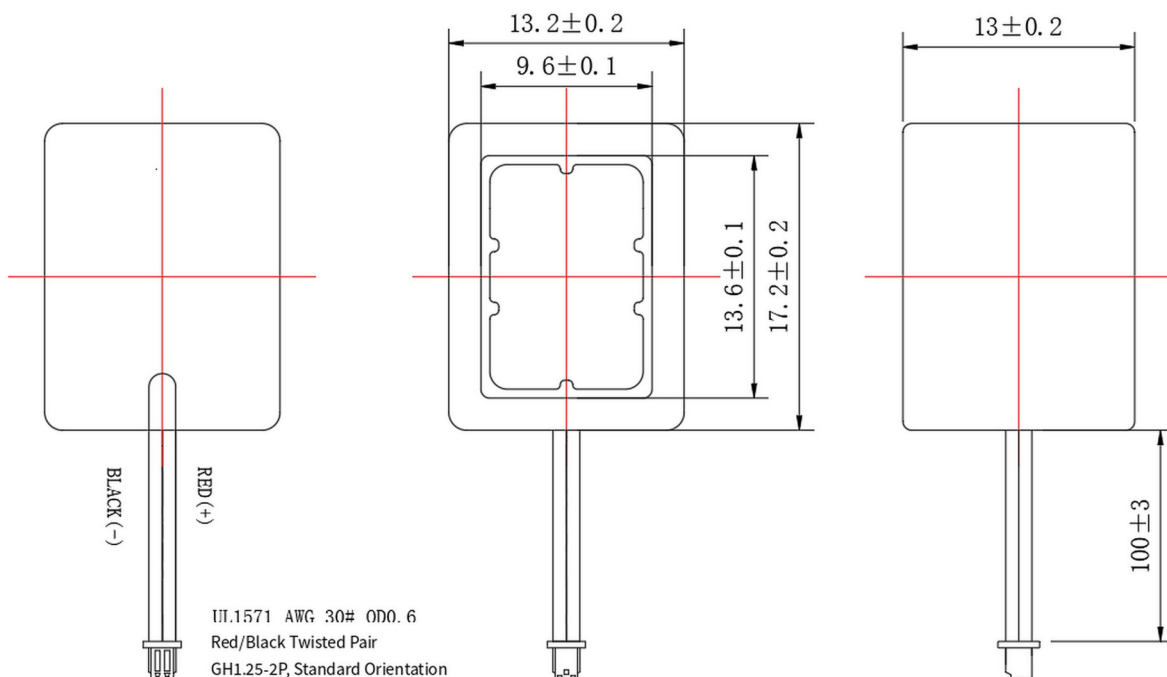
说明：嘉传标准测量图仅用于统一示意；本产品实际测试条件以上述数据及曲线标注为准。 / The Jiachuan measurement diagram is illustrative; actual test conditions are as stated above and on the response curves.

5. 技术曲线 / Response Curves



Curve test condition / 曲线测试条件: 2.2Vrms / 10cm / 1cc BOX.

6. 外形尺寸图 / Product Outside View



Dimensions shown in mm. / 尺寸单位：mm。

备注 / Note: 端子及线材可按客户指定要求制作。 / Terminal and wire specifications can be customized according to customer requirements.

7. 包装说明 / Packing Requirement

包装方式：按客户指定要求包装。 / Packaging according to customer requirements.

Connector: GH1.25-2P; Wire length: 100 ± 3 mm. / 连接器：GH1.25-2P；线长： 100 ± 3 mm。