

SPECIFICATION FOR APPROVAL

产品规格承认书

JC-SPKD36-MF01-16R1W

Ø36 圆形扬声器 / Ø36 Round Dynamic 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-SPKD36-MF01-16R1W
Description / 产品名称	Ø36 圆形扬声器 / Ø36 Round Dynamic Speaker
Specification / 产品规格	Ø36×5.0 mm / 16Ω / Rated 1.0W / Max. 2.0W
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 Ø36 mm 圆形动圈扬声器。 / This specification applies to the Ø36 mm round dynamic speaker.

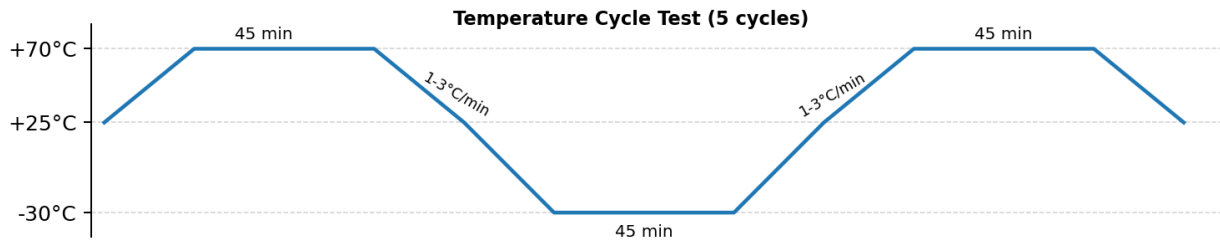
2. 电声特性 / Electro-acoustic Characteristics

No.	Item / 项目	Specification / 规格	Condition / 条件
2.1	Dimension / 外形尺寸	Ø36×5.0 mm	Unnoted tolerance ±0.3 mm
2.2	Rated / Max. Power / 额定/最大功率	Rated 1.0W Max. 2.0W	—
2.3	Rated Impedance / 额定阻抗	16Ω ±15%	1kHz / 1.0Vrms
2.4	F0 / 共振频率	570Hz ±20%	Without baffle
2.5	SPL / 输出声压	90±3dB	0.1m / 0.1W; Avg. 0.8/1.0/1.2/1.5kHz
2.6	Frequency Range / 频率范围	F0–5kHz	Output SPL -10dB
2.7	THD / 总谐波失真	≤10%	1kHz / 0.1W
2.8	Buzz & Rattle / 异常音	No audible buzz or rattle	4.0Vrms / F0–5kHz
2.9	Magnet / 磁铁	Ø12.5×1.5 mm, N38	—
2.10	Polarity / 极性	Positive → diaphragm moves forward	+ terminal / white
2.11	Temperature / 温度范围	Operating: -10°C~+60°C Storage: -30°C~+70°C	—
2.12	Weight / 重量	—	—

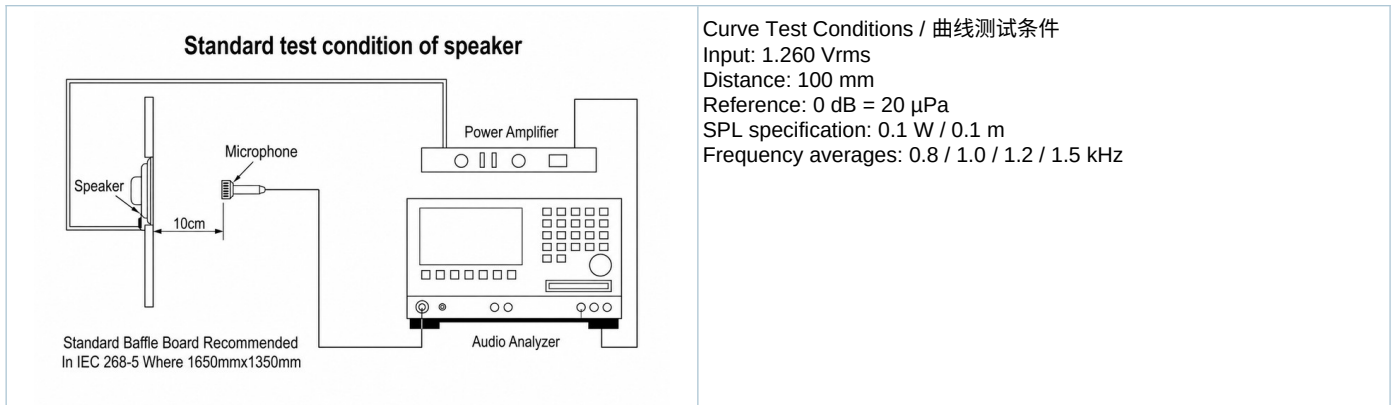
3. 可靠性测试 / Reliability Test

Item / 项目	Condition / 条件	Acceptance / 判定
Cold Test / 耐寒	-30°C±2°C, 96h; recovery 2h	Normal
Heat Test / 耐热	+70°C±2°C, 90–95%RH, 96h; recovery 2h	Normal
Load Test / 连续负荷	White noise, rated power, 96h	Normal
Short-term Max. Power / 瞬间最大功率	Max. power; 1s ON / 59s OFF ×60 cycles	Normal
Drop Test / 跌落	1.0m onto 5mm board, 10 drops	Normal
Terminal Strength / 端子强度	5.0N, 10s, any direction	Normal
Temperature Cycle / 温度循环	-30°C ↔ +70°C; 45min plateaus; 1–3°C/min; 5 cycles	Normal

4. 温度循环 / Temperature Cycling

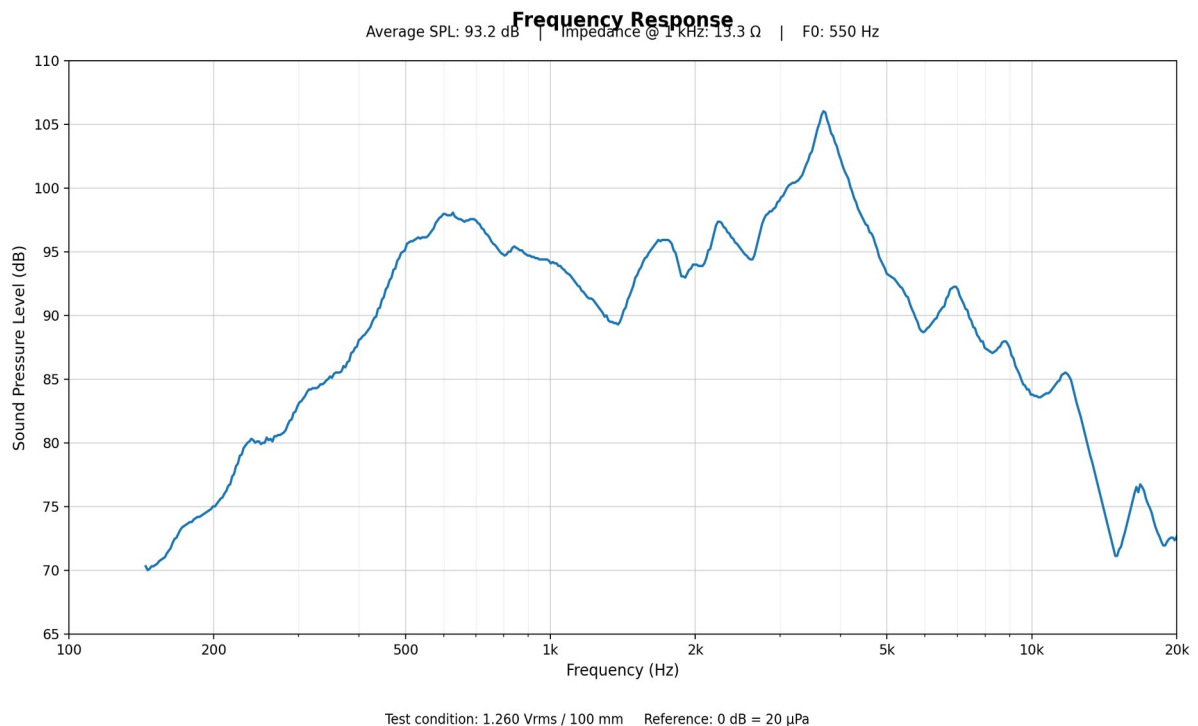


5. 测量方式 / Measurement Method

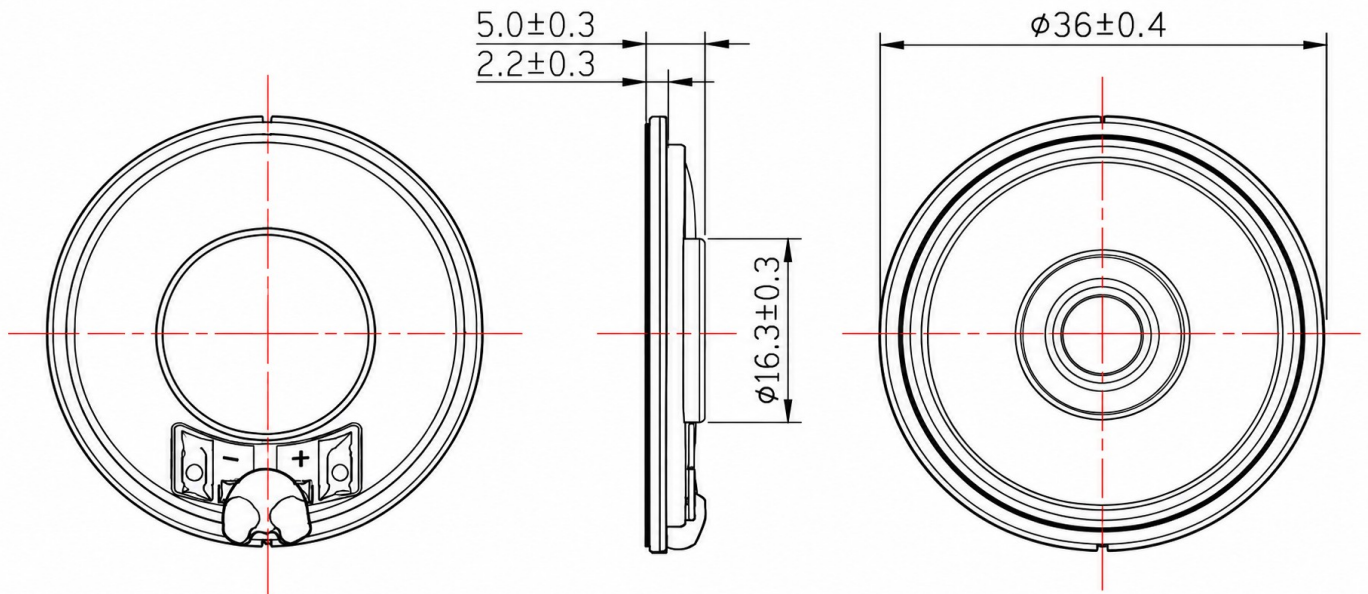


说明：测量示意图用于统一展示，具体测试条件见右侧。 / The measurement diagram is illustrative; actual test conditions are listed on the right.

6. 技术曲线 / Response Curve



7. 外形尺寸图 / Product Outside View



Unnoted tolerance / 未注公差: ±0.3 mm Unit / 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.

8. 包装方式 / Packing

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

9. 订购说明 / Ordering Information

Jiachuan P/N / 嘉传型号	JC-SPKD36-MF01-16R1W
Impedance / 阻抗	16Ω ±15%
Rated Power / 额定功率	1.0W
Max. Power / 最大功率	2.0W
Terminal / Wire / 端子线材	According to customer requirements / 可按客户要求制作