



仕 樣 承 認 書

Specification for approval

客戶名稱

Custome : _____

客戶料號

Model NO: _____

產品名稱

Description:

SPEAKER

產品編號

Spec NO:

HD57N04-12D22A-R

日期

Date:

2018-12-05

客戶承認 Cusromer Approvai	審 核 Approved	檢 查 Checked	制 作 Designed
	施雪峰	张群	林东胜

貴司承認之後，請簽回一份給敝司

Kindly return one copy of the Specification after approved

	SPECIFICATION 制 品 規 格 表	文件编号:
		版本: V1.0 页码: 1/4
1. TEST CONDITION (测试条件) UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS (无特定要求时如下述测试条件): 5°C~35°C, 25%~85%RH, 860 HPA~1060 HPA IF THERE IS NO DOUBT ABOUT THE RESULTS, MEASUREMENT SHALL BE MADE WITH IN THE FOLLOWING LIMITS (当判定有疑义的场所如下述测试条件): 2. SPECIFICATION OF SPEAKER MODE (扬声器模式规格)		

2-1	NOMINAL IMPEDANCE 公称阻抗	8±15% Ω	AT 1K Hz 1.0V	
2-2	RESONANCE FREQUENCY 最低共振周波数	400HZ±20%	AT 1.0V	
2-3	OUTPUT S.P.L 出力音压	86±3dB 0.5W/ 0.5M	AT 800.1000.1500.2000 Hz	
2-4	RATED INPUT POWER 定格入力	1W	AT 2.0 V	
2-5	MAX. INPUT POWDR 最大入力	3.0W	AT 3.47V	
2-6	FREQUENCY RESPONSE & DEVIATION 实效频宽	F0~5KHz	OUTPUTS.P.L±10dB	
2-7	BUZZES& RATTLES 异常音试验	SHOULD NOT BE AUDIBLE BUZZ AND RATTLE(无异常声)	SINE WAVE BETWEEN(正弦波入力) AT2.0V/FO~3.5K Hz	
2-8	DISTORTION 失真	5% MAX	AT 0.5W / 1000Hz	
2-9	POLARITY 极性	WHEN A POSITIVE D.C CURRENT IS APPLIED TO THE COIL TERMINAL MARKED+, THE DIAPHRAGM SHALL MOVE FORWARD (端子的正极通入电流,振动板向前方运动)		
2-10	MAGNET SIZE 磁铁尺寸	SIZE (尺寸): Φ12.5*1.5NdFeB		
2-11	NET WEIGHT 总重量	G (OZ)	1 Oz=28.35G	
2-12	OPERATING TEMPERATURE 动作温度	-25°C TO +50°C		
2-13	STORAGE TEMPERATURE 储存温度	-30°C TO +55°C		
2-14	WELD 焊接条件	端子焊接 TERMINAL WELD: 370°C~420°C 2~3SEC X 2BIT		
2-15	PLACE OF PRODUCTION 生产地	CHINA 中国		
CUSTOMER' 客户型号		DESIGNED 设计	CHECKED 审查	APPROVED 核准
SAMPLE' HD NO 样品型号		林东胜	张群	施雪峰
OUR PART NO 本厂型号				
HD57N04-12D22A-R				
57" 内磁 4Ω 3W				



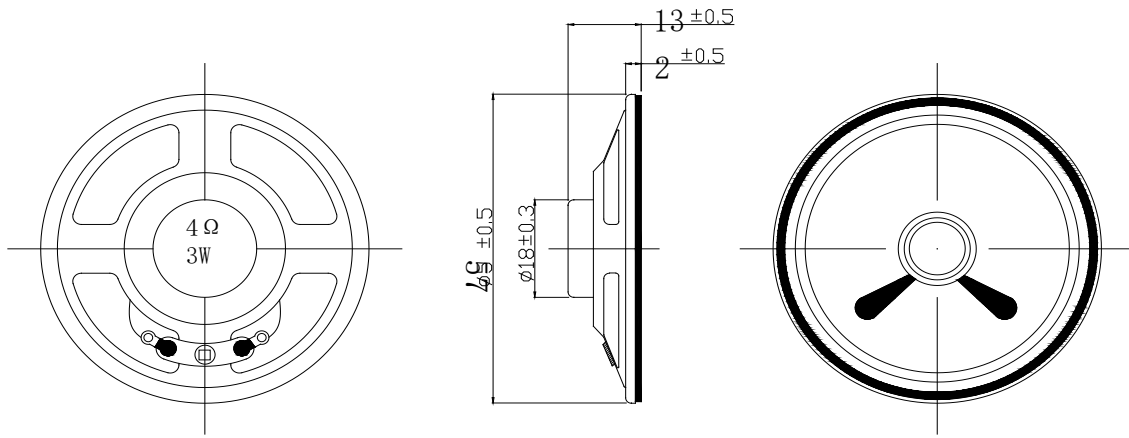
SPECIFICATION

制 品 规 格 表

文件编号:

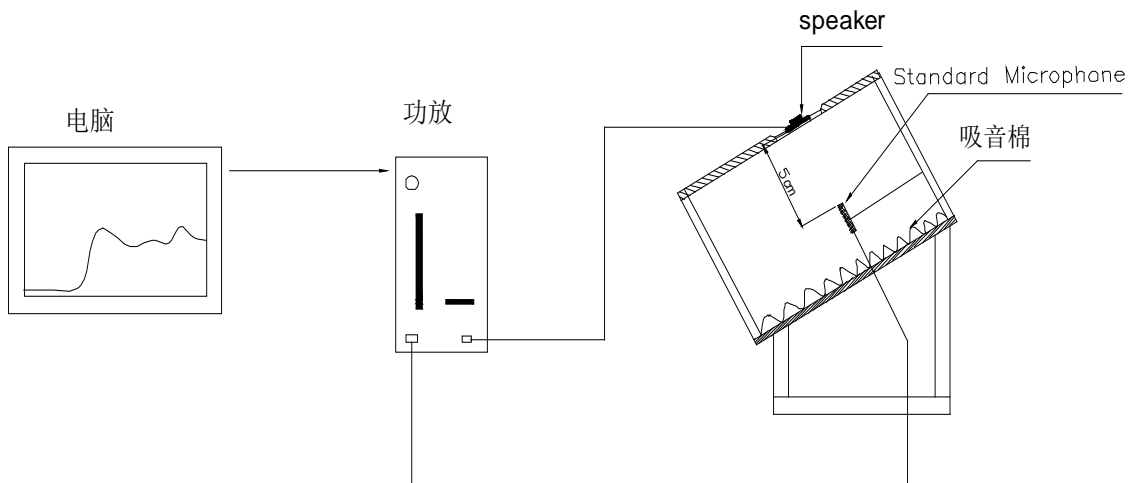
版本: V1.0 页码: 2/4

3. APPEARANCE DRAWING 外观尺寸图



Unit:mm Tolerance: ±0.3

4. 测试回路



5. FREQUENCY RESPONSE (周波数特性)

附曲线图

CUSTOMER' 客户型号	DESIGNED 设计	CHECKED 审查	APPROVED 核准
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OUR PART NO 本厂型号			
	HD57N04-12D22A-R		
	57" 内磁 4Ω 3W		

12/05/2018 9:00

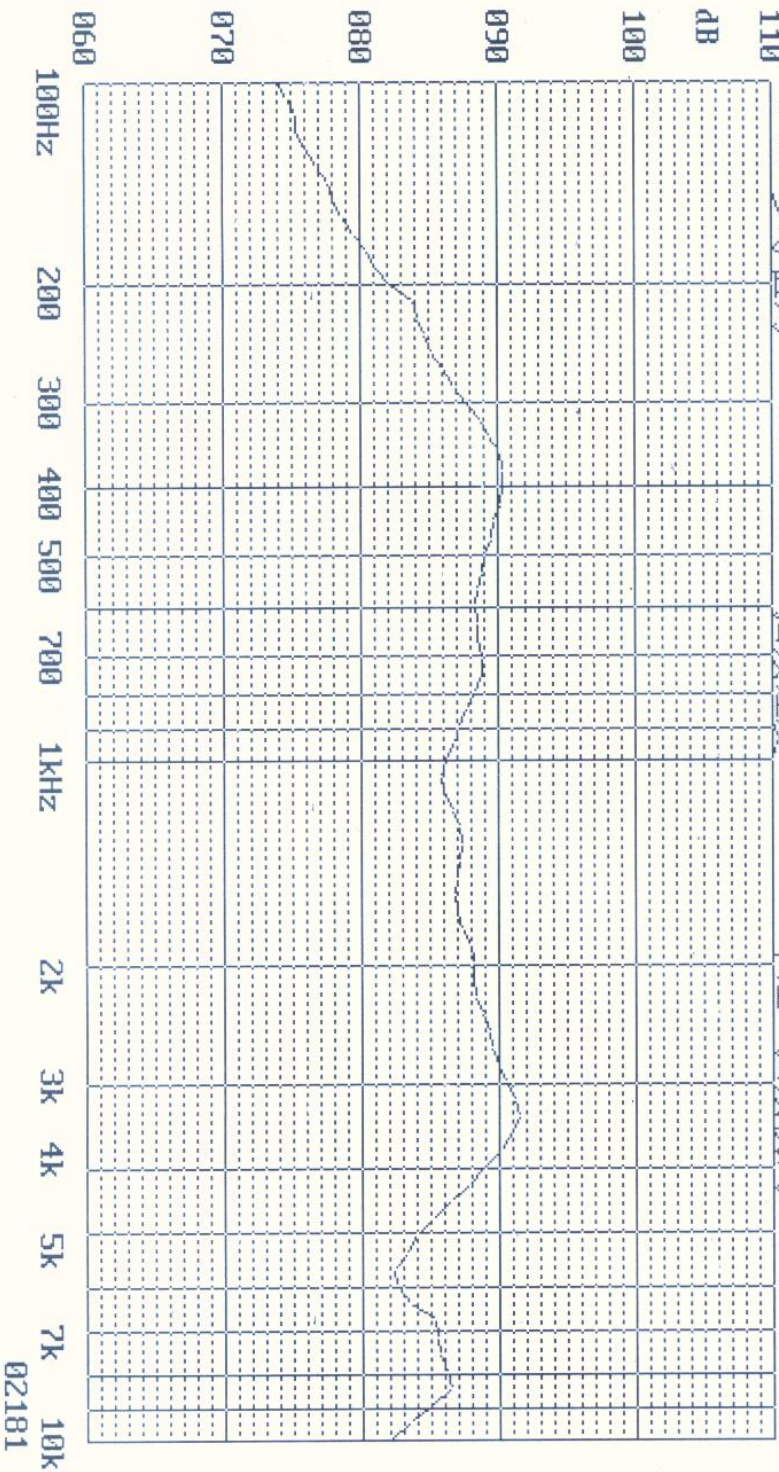
TY6121Y 扬声器测试仪

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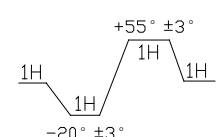
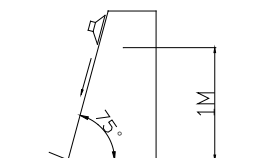
滤波器1次

ACZ: _____ Ω Qm: _____ DCR= _____ Ω 1KHz灵敏度 : 086.04 dB
 Zm : _____ Ω Qe: _____ Ueq= _____ dm3 \Rightarrow 平均灵敏度 : 087.18 dB
 F0 : _____ Hz qt: _____ Dist.=001 cmV F1= 100Hz F2= 9716Hz

型号: _____ 参考值为 : 20.0 μ Pa 扫描速度 : 006 ms 中速 扫描模式 : 1/12 Oct



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6. ENVIRONMENTAL CHARACTERISTICS ROHS 信 赖 性 试 验		文件编号: 版本: V1.0 页码: 3/4		
6-1	RESULTS OF AFTER TEST 测试结果	SENSITIVITY DIFFERENCE SHALL BE WITHIN 3dB (试验前后出力音压的变化在 3dB 范围内) SHOULD NOT EXIST ANY OBSTACLE TO BE HARMFUL TO NORMAL OPERATION: DAMAGES, CRACKS, RUSTS AND DISTORTIONS, ETC. (外观满足无损伤, 裂缝, 生锈, 变形等等)		
6-2	TERMINAL STRENGTH 端子强度	A STATIC LOAD OF 3.0KG SHALL BE APPLIED TO THE TERMINALS FOR 3S IN ANY DIRECTION BETWEEN TERMINAL BLOCK AND FRAME AND BETWEEN TERMINAL BLOCK AND FASTEN TERMINAL (端子板和支架或焊片任一方向上, 3.0KG 力 3 秒无异常)		
6-3	LOAD TEST 连续负荷试验	MUST BE NORMAL AFTER LOAD TEST: WHITE NOISE 0.5W 96 HOURS. (白噪音 3W 连续 96 小时试验后无异常的不良)		
6-4	HIGH TEMPERATURE TEST 耐热试验	AFTER HAVING BEEN IN A TEST CHAMBER FOR 96 HOURS AT THE CONDITION OF $+55\pm 3^{\circ}\text{C}$, AND KEEP 2 HOURS. ($+55\pm 3^{\circ}\text{C}$, 96 小时试验常温 2 小时后, 无异常的不良)		
6-5	COLD TEMPERATURE TEST 耐寒试验	AFTER HAVING BEEN IN A TEST CHAMBER FOR 96 HOURS AT THE CONDITION OF $-20^{\circ}\text{C}\pm 3^{\circ}\text{C}$, AND KEEP 2 HOURS. ($-20\pm 3^{\circ}\text{C}$, 96 小时试验常温 2 小时后, 无异常的不良)		
6-6	HUMIDITY TEST 耐湿试验	AFTER HAVING BEEN IN A TEST CHAMBER FOR 96 HOURS AT THE CONDITION OF $+40\pm 3^{\circ}\text{C}$, 90~95%, AND KEEP 2 HOURS. ($+40\pm 3^{\circ}\text{C}$, 90~95% 96 小时试验常温 2 小时后, 无异常的不良)		
6-7	TEMPERATURE CYCLE TEST 温度周期试验	LOW TEMPERATURE $-20^{\circ}\text{C}\pm 3^{\circ}\text{C}$ 1HR, HIGH TEMPERATURE $+55^{\circ}\text{C}\pm 3^{\circ}\text{C}$ 1HR; 1 CYCLE: TOTAL 5 CYCLE AND THEN KEEP 2HR IN A ROOM. (低温 $-20^{\circ}\text{C}\pm 3^{\circ}\text{C}$ 1 小时 高温 $+55^{\circ}\text{C}\pm 3^{\circ}\text{C}$ 1 小时为 1 周期, 共 5 周期试验常温 2 小时后, 无异常的不良)		
6-8	DROP TEST 跌落试验	THE SPEAKER SHALL BE DROPPED 5 TIMES AS SHOWN IN THE FIGURE, CLAUSE 2-7 SHALL BE SATISFIED. (如右图示 5 回跌落满足异常音试验无异常)		
6-9	INSULATION RESISTANCE 绝缘抵抗	A VOLTAGE OF 100V. D. C SHALL BE APPLIED FOR 1 MIN BETWEEN A TERMINAL AND A FRAME, AFTER WHICH MEASUREMENT SHALL BE MADE. $2\text{M}\Omega$ OF MORE (D. C. 100V, 1 分钟后端子与支架间 $2\text{M}\Omega$ 以上)		
6-10	VIBRATION DURABILITY (PACK) 振动试验 (捆包状态)	X, Y, Z AXIS; 10—55—10HZ/ONE MINUTE; AMPLITUDE: 1.5MM, ENDURANCE: 2 HR EACH PLAN. (沿 X, Y, Z 三轴 10—55—10HZ/1 分钟, 振幅 1.5MM 各 2 小时)		
6-11	备注			
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