



深圳市兴华鑫电子科技有限公司

Shenzhen xinghuaxin Electronic Technology Co., Ltd

承認書

SPECIFICATION FOR APPROVAL

客戶 (Customer):

客戶料號 (Customer P/N):

興華鑫型號 (Supplier P/N):

XHxDZ-50MM-8 Ω 0.5W

產品名稱 (Description):

喇叭 (Speaker)

產品規格 (Specification):

50MM 铁壳内磁纸盆

客戶承認欄 (Customer Authorization Signature)	深圳市興華鑫電子科技有限公司 承認欄 (Supplier Audit)		
	審核	檢查	制作
	唐国兴	唐玉来	吴银娟
	日期: 2022 年 04 月 19 日 版次: A		

声音让生活更精彩!

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 SPECIFICATION 制 品 规 格 表		文件编号：		
		版本：V1.0		
1. TEST CONDITION（测试条件）				
UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTSAND TESTS ARE AS FOLLOWS（无特定要求时如下述测试条件）：5℃~35℃，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	0.5W	AT 2.0 V	
2-5	MAX. INPUT POWDR 最大入力	1.0W	AT 2.83V	
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℃T0+50℃		
2-13	STORAGE TEMP ERATURE 储存温度	－30℃T0+55℃		
2-14	WELD 焊接条件	端子焊接 TERMINAL WELD: 370℃~420℃ 2~3SECX2BIT		
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		唐海兵	唐国兴	
OUR PART NO 本厂型号				
XHxDZ-50MM-8 Ω 0.5W				
50MM 铁壳内磁 8 Ω 0.5W（纸盆）				

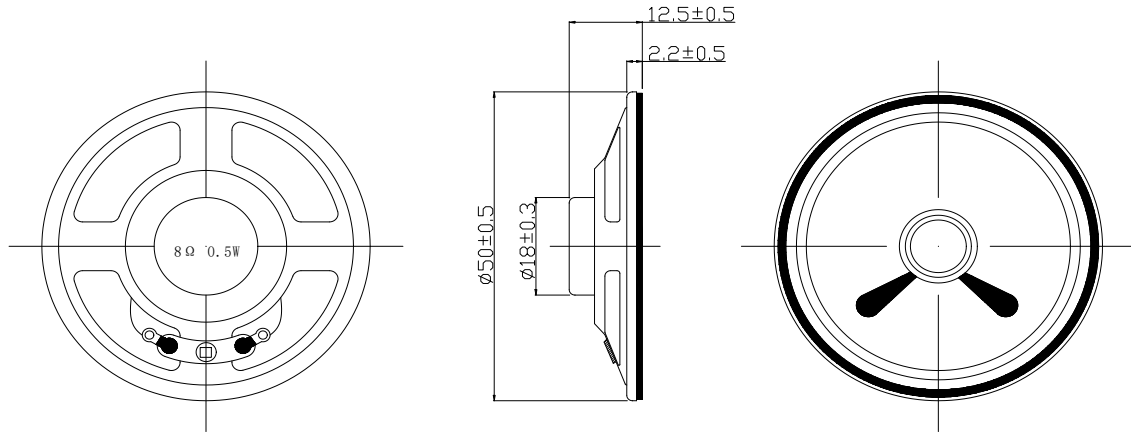


SPECIFICATION
制 品 规 格 表

文件编号:

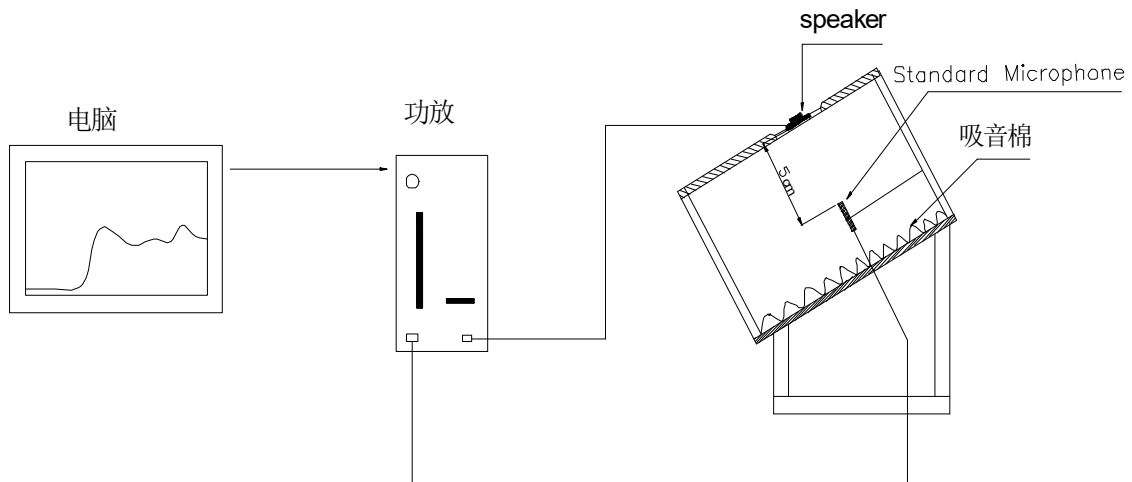
版本: V1.0

3. APPEARANCE DRAWING 外观尺寸图



Unit:mm Tolerance: ± 0.3

4. 测试回路



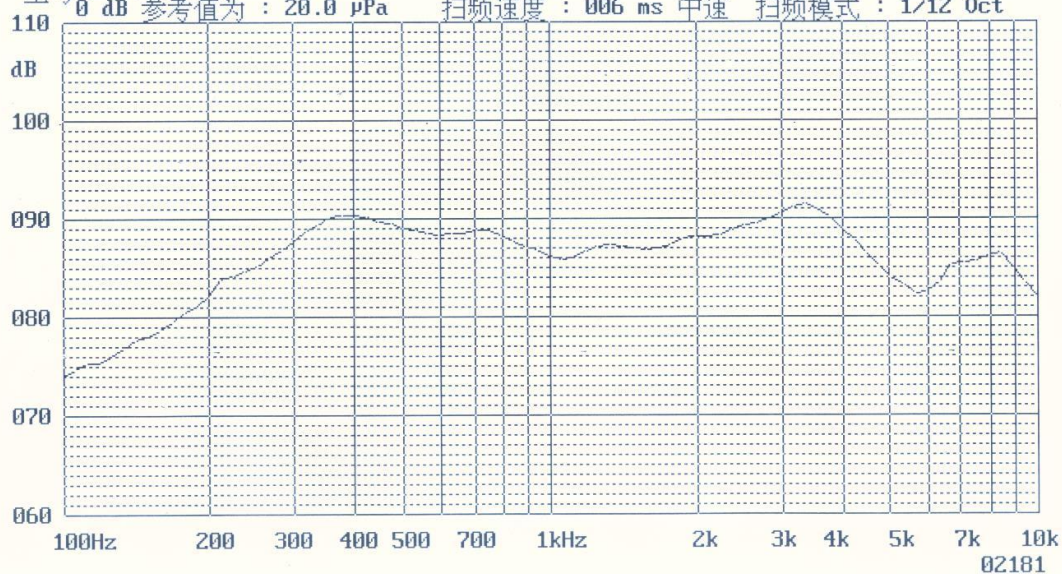
5. FREQUENCY RESPONSE (周波数特性)
附曲线图

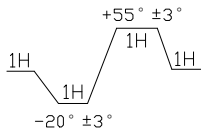
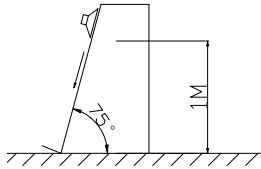
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SAMPLE’ HD NO 样品型号	唐海兵	唐国兴	
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XHxDZ-50MM-8 Ω 0.5W 50MM 铁壳内磁 8 Ω 0.5W （纸盆）			

04/13/2013 21:39	TY6121Y 扬声器测试仪	无框 滤波器1次
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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: _____ 0 dB 参考值为 : 20.0 μ Pa 扫频速度 : 006 ms 中速 扫频模式 : 1/12 Oct



6. ROHS ENVIRONMENTAL CHARACTERISTICS		文件编号:		
信 赖 性 试 验		版本: V1.0		
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) SOULD NOT EXIST ANY OBSTACLE TO BE HAMFUL TO NORMAL OPERATION: DAMAGES, CRACLS, 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 0.5W 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±3℃, AND KEEP 2 HOURS. (+55±3℃, 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℃±3℃, AND KEEP 2 HOURS. (-20±3℃, 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±3℃, 90~95%, AND KEEP 2 HOURS. (+40±3℃, 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℃±3℃ 1HR ,HIGH TEMPERATURE +55℃±3℃ 1HR; 1 CYCLE: TOTAL 5 CYCLE AND THEN KEEP 2HR IN A ROOM. (低温-20℃±3℃1 小时高温+55℃±3℃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 VOLTAGEOF 100V. D. C SHALL BE APPLIED FOR 1 MIN BETWEEN A TERMINAL AND A FRAME, AFTER WHICH MEASUREMENT SHAI I BE MADE. ,2MΩ OF MORE (D. C. 100V, 1 分钟后端子与支架间 2MΩ 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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SAMPLE' HD NO 样品型号		唐海兵	唐国兴	
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50MM 铁壳内磁 8 Ω 0.5W (纸盆)				