

SPECIFICATION FOR APPROVAL

规格书

Customer (客户名称):

Customer P/N(客户编号):

Our P/N (本厂编号):

FS20MS0810-H4.8-R03

Approval Date(日期):

2024.7.29

Environment Request(环境标准):

☐ Non-RoHS (非 RoHS 标准)

☒ RoHS (RoHS 标准)

☐ REACH (REACH 标准)

☐ Others (其他)

CUSTOMER'S APPROVED SIGNATURE



泰州福声电子科技有限公司

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	DESINGER	CHECKED	APPROVED
SIGNATURE			
DATE			

Alteration History

变更历史

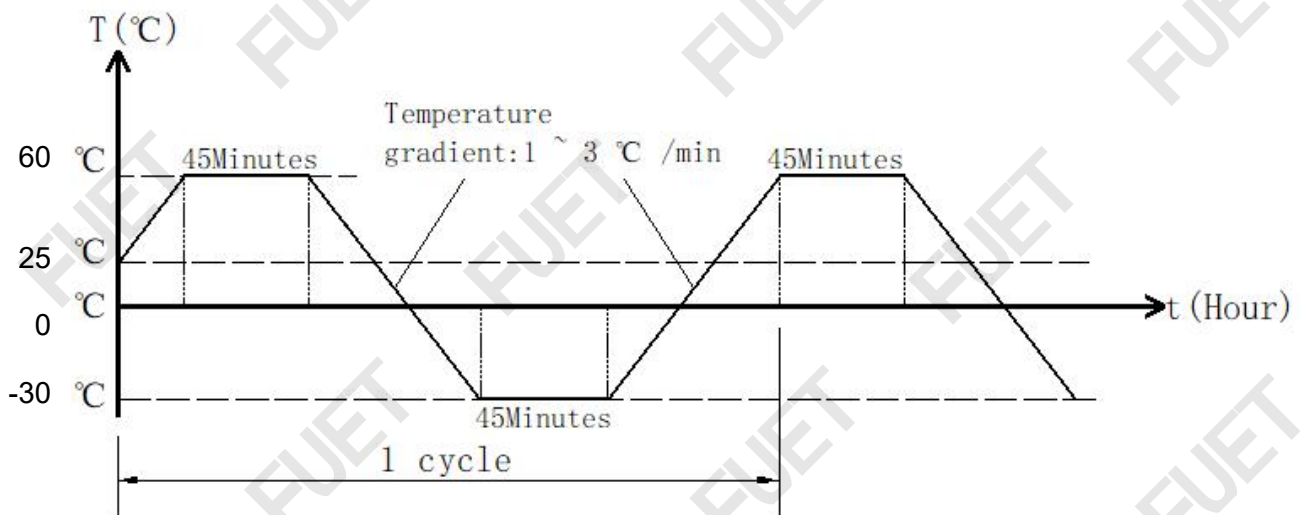
Note 序号	Date 日期	Detail changes 变 更 内 容	Reason 变更理由	Revision 变更表示

Speaker Specification

Part No.	Customer No 客户型号		Customer code 客户编号	
	Our Part No 本厂编号	FS20MS0810-H4.8-R03	Revision 版本	A
No.	Item 项目	Specification 规格	Testing Condition 测试条件	
1.	Rated Imp 共称阻抗	8Ω±15%	At 2kHz 1.0Vrms	
2.	Resonance Freq 最低共振周波数	1050Hz±20%	Without Baffle	
3.	Output S.P.L. 出力音压	82±3dB	At 0.1m 0.1w 0.8~10.0KHz Average	
4.	Rated Power 定格入力	at 1.0W	at 2.83 Vrms	
5.	Max Power 最大入力	at 1.5W	at 3.47Vrms	
6.	Frequency Range 实效频宽	750~18.0kHz		
7.	Operation 可靠性试验	Must Be Normal at Rated Frequency Range	ProgramSource1.0W FO~5.0kHz	
8.	Buzzes & Rattles 异常音试验	Should not be audible buzz and rattle at Rated Frequency Range 无异常声	Sine Wave Between (正弦波入力) at 2.83Vrms / 300~5.5kHz	
9.	T H D 失真	10% Max	Rated Power Input 1000Hz	
10.	Magnet 磁铁	NdFeB		
11.	Operating Temperature 动作温度	-20℃ to +50℃		
12.	Storage Temperature 储存温度	-30℃ to +60℃		
13.	Weight 重量	/ g/PC		

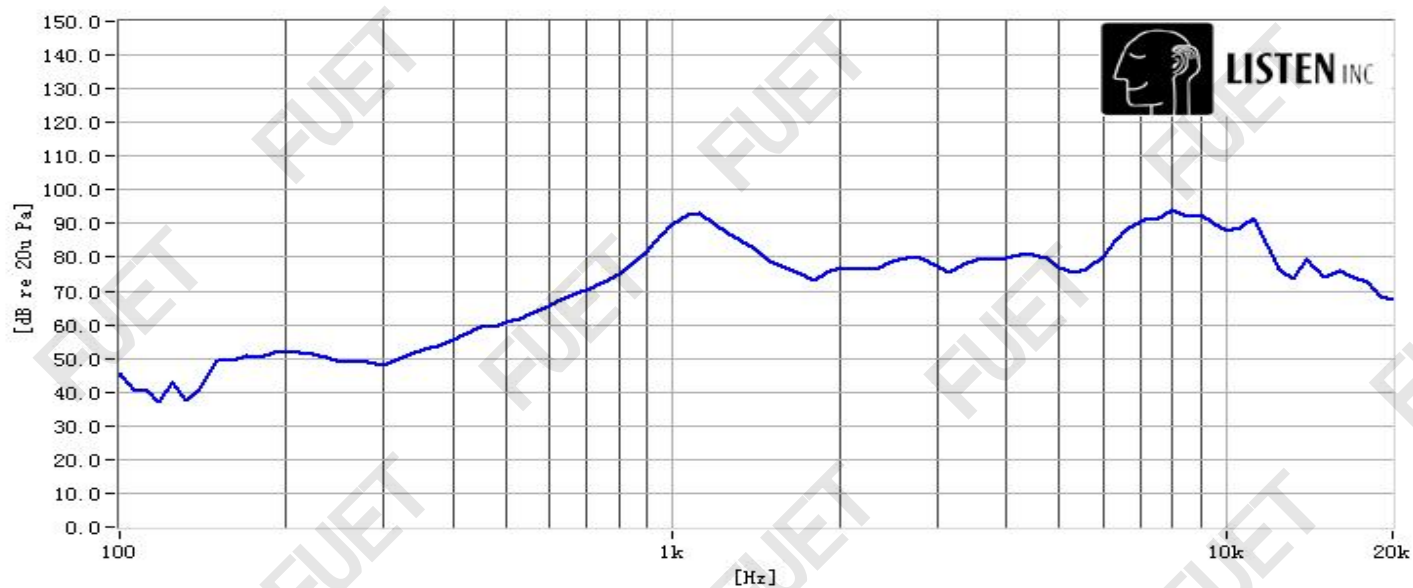
14.	Cold Test 耐寒试验	Must be normal after having been in a test chamber for 96 hours at the condition of $-30^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and then left 2 hours in a room. ($-30^{\circ}\text{C} \pm 2^{\circ}\text{C}$, 96 小时试验室温两小时后, 无异常)
15.	Heat Test 耐热试验	Must be normal after having been in a test chamber for 96 hours at the condition of $+60^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 90~95% R.H and then left 2 hours in a room. ($+60^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 90~95% R.H 96 小时试验, 常温 2 小时后, 无异常的不良)
16.	Load Test 连续负荷试验	Must be normal after load test :white noise 1.0W 96 hours. At rated frequency range (白噪音 1.0W 连续 96 小时试验后无异常的不良)
17	Short Term Max Power test 瞬間最大功率试验	Test for 1 hour under maximum power. Input shall be white noise in rated frequency response. And the signal will be 1 second on, 59 seconds off, total 60 cycles at rated frequency range, Must be normal after the test (白噪音 1.5W, 1 秒开 59 秒关, 连续 60 回合, 试验后无异常之不良)

Temperature Cycle Test(5 cycle)

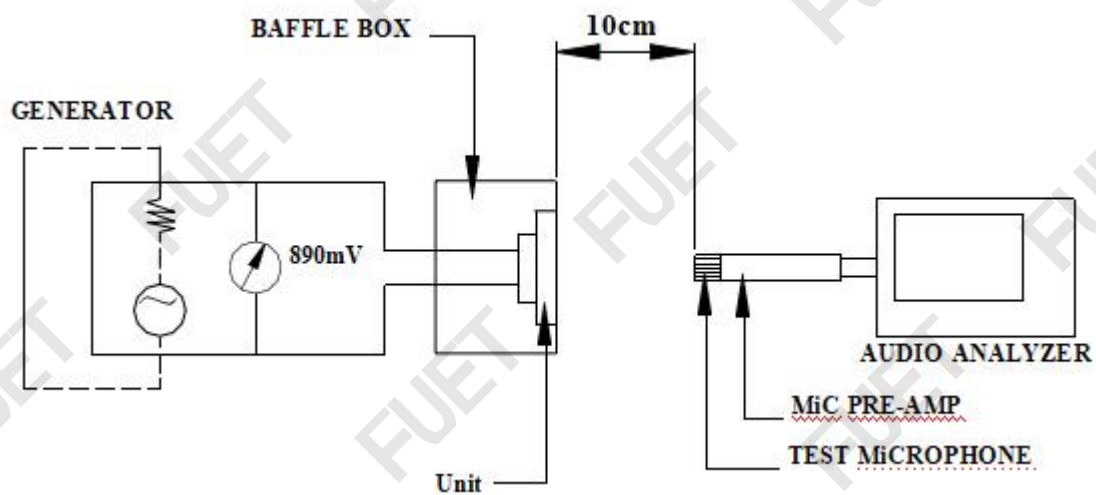
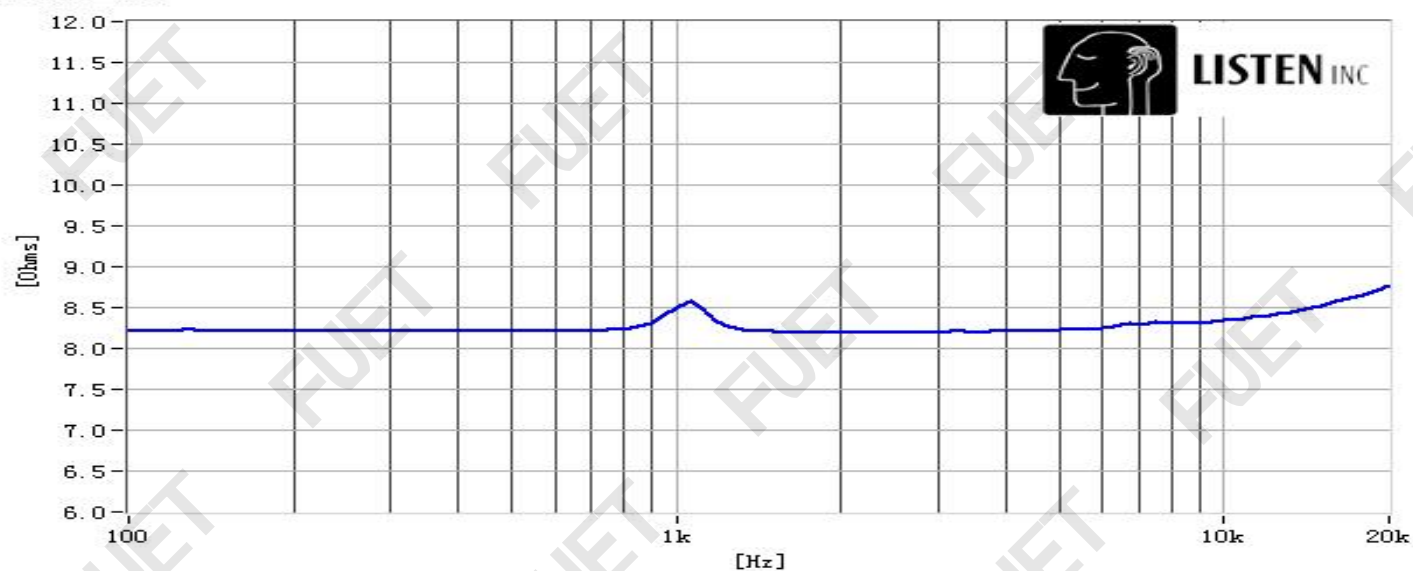


Frequency Response

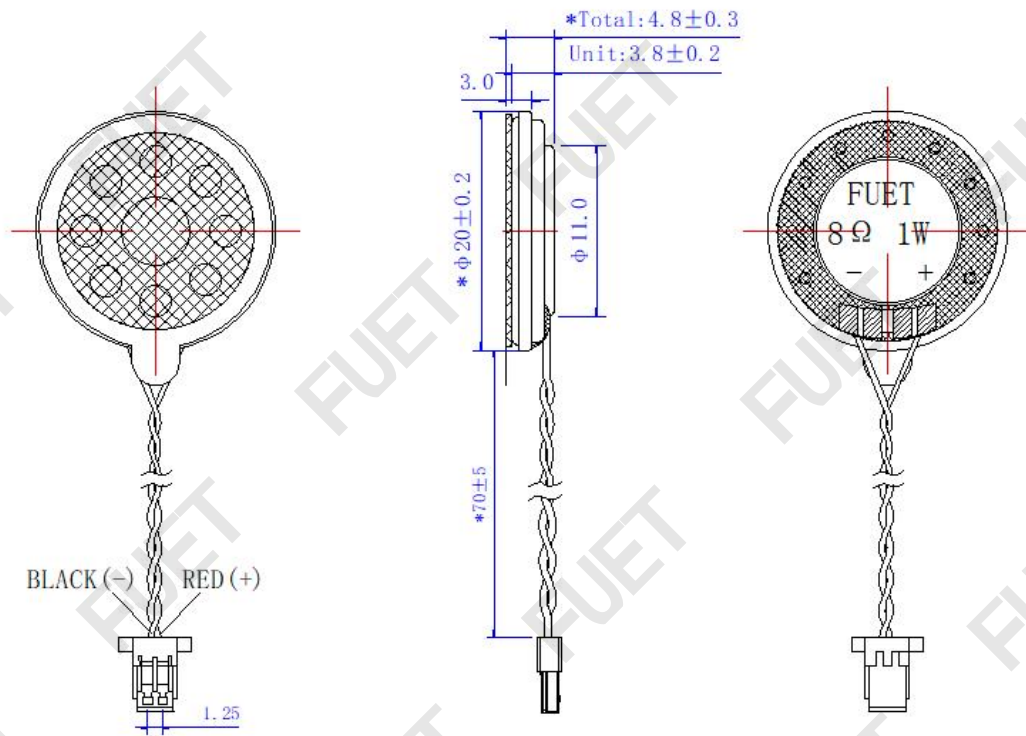
频响曲线



阻抗曲线



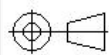
Product Outside View



- 注: 1. 标示 “*” 为重点检测尺寸;
2. 未有说明, 则默认图示LOGO;
3. 未注公差: ± 0.2 mm

								版本	VO
								DATE	
SYN	REVISION	NAME	DATE	SCALE	1:1	QUANTITY	1	UNIT	mm
								DRAW	CHECK
								NAME	APP8092

泰州福声电子科技有限公司



Title: FS20MS0810-H4.8-R03

Remark:

PART NO.	PART NAME 名称	MATERIAL 材质
1	Frame 支架	SPCC
2	Plate 华司	SPCC
3	Magnet 磁铁	NdFeB
4	Voice Coil 音圈	Cu
5	Diaphragm 膜片	PET
6	Blank pressing 护盖	SUS
7	Damping Cloth 阻尼布	NET
8	Terminal 接线板	Glass Epoxy
Note: Accord with RoHS2.0 standard		