

規格承認書

PECIFICATION FOR APPROVAL

客 戶

CUSTOMER : _____

項 目

ITEM : 正方形腔体喇叭 内磁 _____

型 號

TYPE : GSPK535326BOX-4R5W-L200-2.0T _____

描述

DESCRIPTION : 53*53*26mm 4Ω 3- 5.0W _____

客戶料號

CUSTOMER NO. : _____

規 格 書 號

SPECIFICATION NO.: _____

版 本

EDITION NO. : V1.0 _____

日 期

DATE : _____

客戶承認

CUSTOMER CONFIRM AND SIGN

檢查 TESTED BY	審核 CHECKED BY	承認 APPROVED BY

東莞市贏海電子有限公司

DONGUAN INGHAI ELECTRONICS CO.,LTD

製作 ISSUED BY	審查 CHECKED BY	確認 APPROVED BY
周明	李勇	刘承成

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SPEAKER SPECIFICATION 产 品 规 格 表				
1.适用范围Applicable Scope: This specification is applied to multimedia(本规范适用于多媒体)				
1.1 类型 Type		Permanent magnet moving coil loudspeaker(永磁动圈式扬声器)		
1.2 尺寸 Dimensions		Outer diameter 53*53*H26mm		
2.机械特性 Mechanical Properties				
2.1 外观尺寸 Appearance Dimension		Refer to Product appearance(参照产品外观图)		
2.2 磁铁 Magnet		Φ 15.5*3		
2.3 重量 Weight		49.5g± 10%		
3. 电器特性 Electrical Properties				
3.1 标称阻抗 Nominal Impedance		4 Ω ± 15% At 1000Hz test		
3.2 最低共振周波数Fb Lowest Resonance Frequency		300± 20% HZ		
3.3 灵敏度 Output Sound Pressure Band		83 ± 3dB 1M/1W At2.83V 500.800.1000.2000HZ average		
3.4 额定功率 Rated Power		3W		
3.5 最大功率 Maximum ower		5W		
3.6 有效频宽 Effective Frequency Band		F0~20KHz Average SPL-10dB		
3.7 失真率 Distortion		5% Max AT 1000Hz 1W/1M		
3.8 纯音检测 Pure Tone Test		Must be normal at sine wave 4.47V AT F0~3KHz（必须在正弦波无异常）		
3.9 极性 Polarity		When a positive current is supplied from the speaker the terminal marked(+) and a negative to the other terminal the diaphragm must move toward the front(当一个正电流从扬声器的正极端子（+）和负极通过，扬声器振膜必须向前方向运动）		
(Customer P/N) 客户料号		Design 设 计	Audit 审 核	Approve 核 准
(Sample Model) 样品型号	GSPK535326BOX-4R5W-L200-2.0T	张强	吴江	李海波

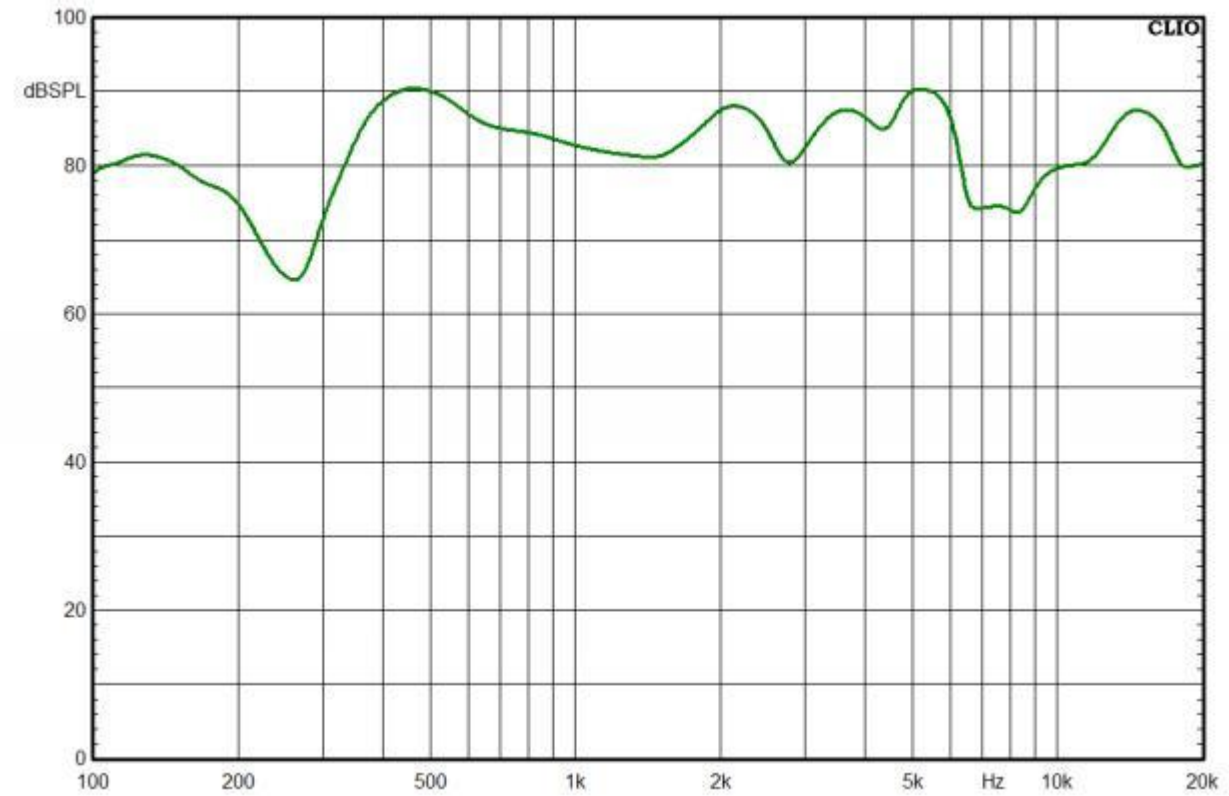
SPEAKER SPECIFICATION

产 品 规 格 表

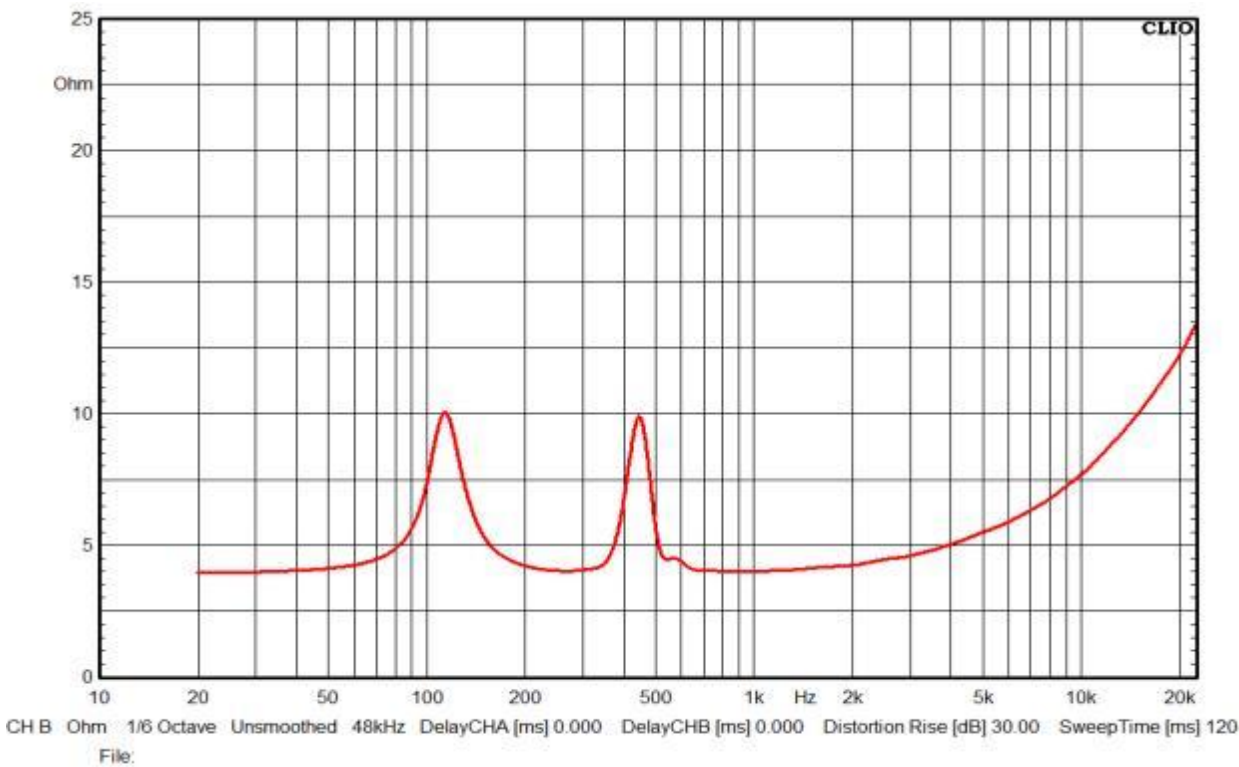
4.信赖性 Reliable Test				
4.1 连续负荷试验 Load TEST	Must be normal after load test;white noise rated power 96hours 白噪音 额定功率连续 96 小时试验后无异常的不良)			
4.2 高温保存 High-temperature preservation	Temperature of $60\pm 2^{\circ}\text{C}$, humidity of 20~30%for 96 hours,at room temperature the shelving of 1 hour later,the test no abnormal adverse($60\pm 2^{\circ}\text{C}$ 温度, 20-30%湿度, 试验96小时, 室温搁置 1 小时后, 测试无异常不良)			
4.3 低温保存 Low-temperature preservation	Temperature of $-25\pm 2^{\circ}\text{C}$,for 96 hours,at room temperature the shelving of 1 hour later,the test no abnormal adverse(温度 - $25\pm 2^{\circ}\text{C}$, 96 小时, 室温搁置1 小时后, 测试无异常不良)			
4.4 高温动作 High-temperature operation	Temperature of $50^{\circ}\text{C} \pm 2^{\circ}\text{C}$,humidity of 20~30% work 16 hours at room temperature the shelving of 1 hour later,test no abnormal adverse($50^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 温度, 20-30%湿度, 工作 16 小时, 室温搁置1 小时后, 测试无异常不良)			
4.5 低温动作 Low-temperature preservation	Temperature -20°C ,working 16 hours , roomtemperature on the use of 1 hours after the test without adverse(温度- 20°C , 工作16 小时, 室温搁置1 小时后, 测试无异常不良)			
4.6 耐湿性 Humidity Test	Temperature $40\pm 2^{\circ}\text{C}$, humidity 90~95% test 96 hours, room temperature on the use of 1 hours after the test without adverse(温度 $40\pm 2^{\circ}\text{C}$, 湿度90~95%, 试验 96 小时, 室温搁置 1 小时后, 测试无异常不良)			
4.7 温/湿度循环试验 Composite temperature /humidity cyclic test	Low temperature- $25 \pm 2^{\circ}\text{C}$ 1 hours,high temperature 1 degrees $50\pm 2^{\circ}\text{C}$ hours for a cycle of circulation,a total of 5cycles room temperature on hold for 2 hours after the test to meet the 3.8,no abnormal(低温- $25\pm 2^{\circ}\text{C}$ 1 小时, 高温 $50\pm 2^{\circ}\text{C}$ 1 小时为一个周期循环, 共5 个周期循环后室温下搁置 2 小时后测试满足 3.8条, 无异常的不良)			
4.8 跌落试验 Drop test	Height1Mangle 75° 1times, afterthetestshouldbeable to meet the requirements of section3.8(滑落高度 1 米, 角度 75° 1 次,测试后应能满足第 3.8 条的要求)			
4.9 振动测试(捆包状态) Vibration test (strapping state)	To be no interference in operation after vibration 10Hz~55Hz~10Hz for 1 minute full amplitude 2mm for 2 hours at x.y.z,three axes,after the test should be able to meet the requirements of section 3.8,there shall be no distinct deformation in appearance(沿X.Y.Z 三轴10-55-10Hz/1 分钟, 振幅2mm 各两小时, 试验后应能满足第 3.8 条的要求).			
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(Sample Model) 样品型号	GSPK535326BOX-4R5W-L200-2.0T	张强	吴江	李海波

PRODUCT TEST CURVE
产品测试曲线图

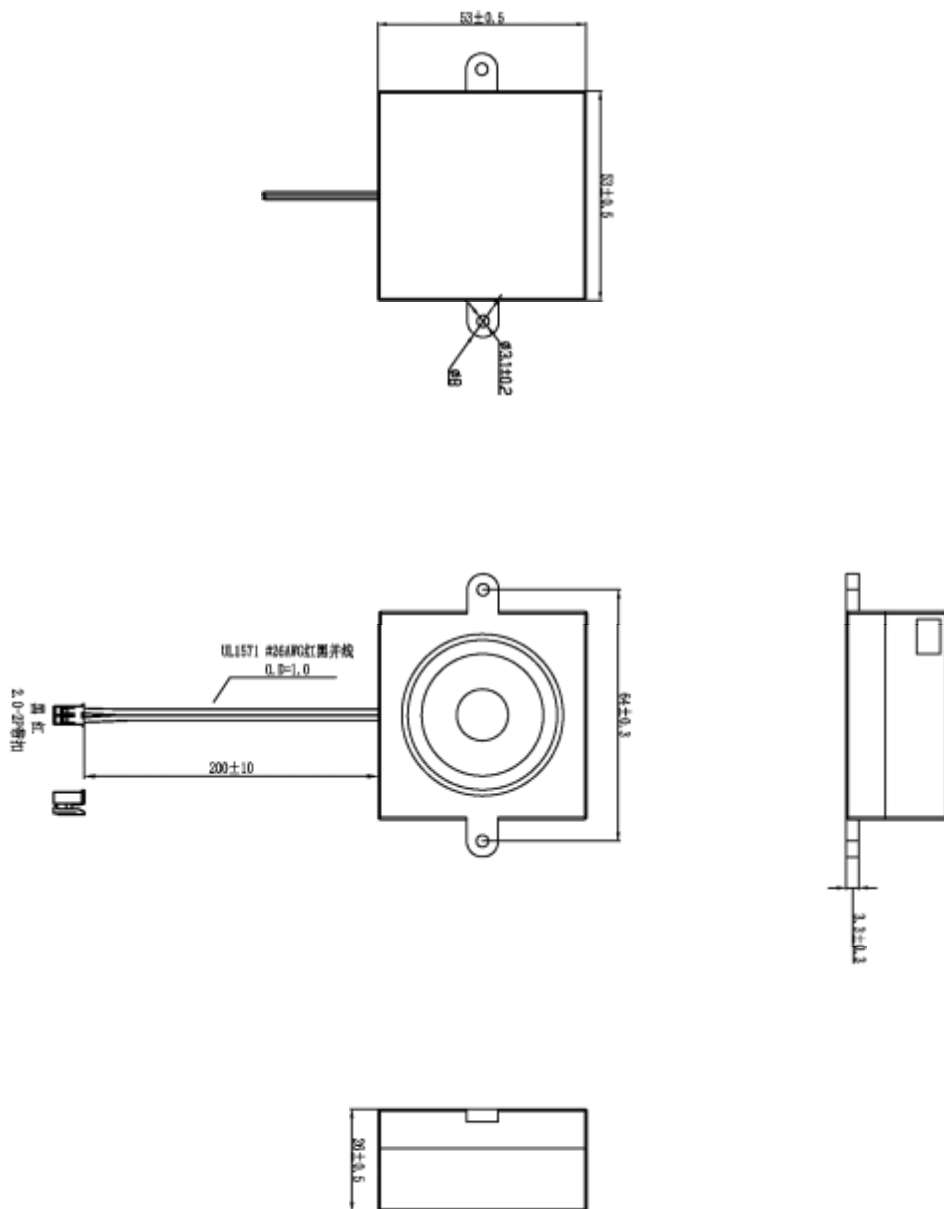
SPL频响曲线



阻抗曲线



产品外观图 PRODUCT APPEARANCE DRAWING



(proportion) 比例	1: 1	(unit) 单位	mm	(tolerance) 公差	
(Customer P/N) 客户料号			Design 设计	Audit 审核	Approve 核准
(Sample Model) 样品型号	GSPK535326BOX-4R5W-L200-2.0T		张强	吴江	李海波