

东莞市千音电声有限公司

DONGGUAN QIAN YIN ELECTROACOUSTIC CO., LTD.

地址: 广东省东莞市常平镇苏坑村苏桥路 QQ: 535143981
http://qianyin88.1688.com 电话: 0769-89789972 13070943885

Date 日期: 2015-9-8

FSN 文号: 150908-01

SPECIFICATION

产品规格书

(Customer:) 客户名称: 深圳矽递科技有限公司
(Product Name:) 产品名称: SPEAKER 喇叭
(Model Number:) 产品型号: QY2831F16-6R4F-P0
(Customer P/N:) 客户料号: _____

(Comments) 备注: ROHS & WEEE COMPLIANCE PLATING+3CHROMIUM
产品符合 ROHS 要求, 金属部件电镀蓝锌三价铬

	Prepared 制 作	Checked 审 核	Approved 核 准
Signature 签名	吴义成	吴坤茹	陆东明
Date 日期	2015-9-8	2015-9-8	2015-9-8

Customer Comment 客户批准:

Signature 签名: _____

Date 日期: _____

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1. Test Condition(测试条件):

Unless otherwise specified, The standard of range atmospheric conditions for making measurement and tests as follows (无特定要求时如下述测试条件):

17° C—25° C, 45%—85%RH, 860HPA—1060HPA.

2. Specification Of Speaker Mode (喇叭参数)

2.1	Rated Impedance 额定阻抗	6 Ω ± 15%	At 1KHz 1.0V
2.2	Resonance Frequency 最低共振周波数	500 ± 20%HZ	At 1.0V
2.3	Rated Power 额定功率	2W	At 3.46V
2.4	Max Power 最大功率	3W	At 4.24V
2.5	Outerput S.P.L 出力音压	82 ± 3DB	At 400,600,800,1000Hz average 在 400, 600, 800, 1000Hz 取平均值
2.6	Frequency Response Curve 实效频宽	FO—15K Hz	Deviation -10DB from average S.P.L S.P.L 平均偏差 10DB
2.7	Rub & Buzz 异常音检查	Should not be audible buzz and rattle(无异常声音)	Sine WAVE(正弦波入力) at 3.46V /100-5KHz
2.8	Dostortion 失真	≤5% THD	At 1KHz
2.9	Polarity 极性	When a positive D.C current is applied to the voice coil terminal marked +, the diaphragm shall move forward. (端子板的正极通入电流, 振膜向前运动)	
2.10	Net Weight 净重	19.6G	

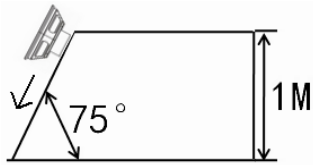
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3. Environmental Characteristics(环境测试)

3.1	High Temperature Test 耐热试验	+55±2° C duration 16 hours, then removal back to normal temperature for 2 hours. 55±2° C,16 小时实验后, 常温放置 2 小时
3.2	Low Temperature Test 低温试验	-25±3° C duration 16 hours, then removal back to normal temperature for 2 hours. -25±3° C, 16 小时实验后, 常温放置 2 小时
3.3	Humidity Test 耐湿试验	Temperature +40±2° C, relative humidity 90—95%, duration 96 hours, then removal back to normal temperature for 2 hours 温度+40±2° C, 相对湿度 90—95%, 96 小时实验后, 常温放置 2 小时
3.4	Load Test 连续负荷试验	The products shall not be no sound/buzz & Rattle/different volume/exceptional diversification of frequency response curve in testing and after testing process for a continuous working of 24H at a rated 2W pink noise. 2W 的粉红噪声下连续工作 24 小时, 测试中和试验后不能出现任何无声/杂音/音量大小不均/频率响应曲线等异常变化。
3.5	Drop Test 跌落试验	The speaker shall be dorp 5 Times as shown in the figure and cacophony must be normal 如图所示 5 次跌落实验后, 外观和声音无异常 
3.6	In Sulation Resistance 绝缘阻抗	A voltage of 100V D.C. shall be applied for 1 min between a terminal and a frame , after which measurement shall be made, 2MΩ or more D.C. 100V, 1 分钟后端子与支架间 2MΩ 以上
3.7	Operating Temperature 动作温度	-25° C TO +55° C
3.8	Torage Temperature 储存温度	-30° C TO +55° C

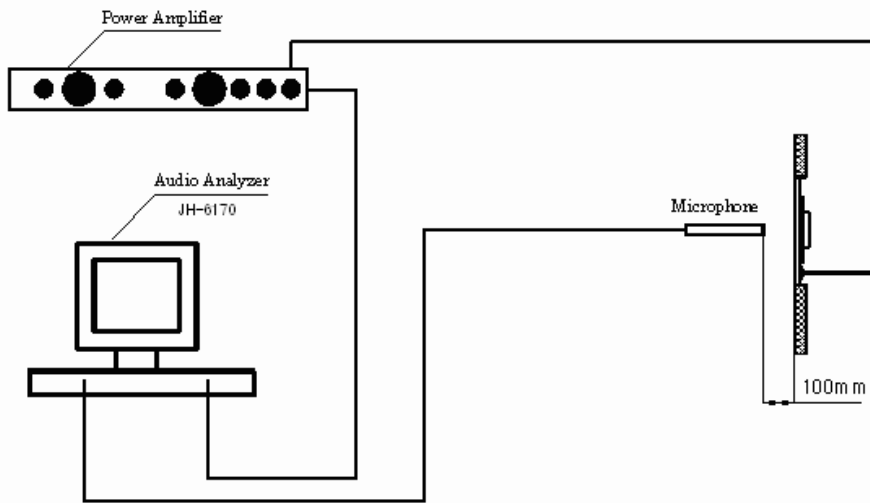
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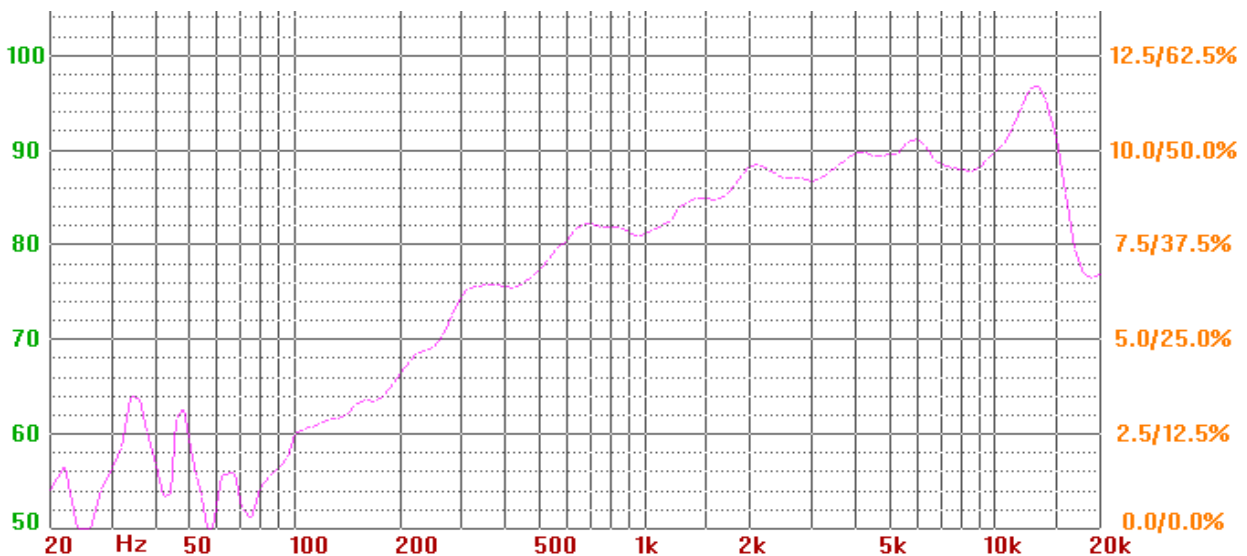
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4. Measuring Circuit(Speaker) 喇叭测试方法图:



5. Frequency Curve 频率响应曲线图 :



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Outer dimension 产品尺寸图:

