

常州市万事盛电子有限公司

规 格 书

SPECIFICATION

客户名称 CUSTOMER:

产 品 PRODUCTS : 2415 音腔喇叭

(2P 1.25 间距端子线长 20mm)

型 号 MODEL : **WS-2415B-H5.5-L20-1.25**

项 目 号 ITEM.NO. :

日 期 DATE : 2021-12-13

	周国庆	马伟丽
批 准 APPROVER	审 核 CHECKER	制 定 DESIGNER

客 户 承 认

CUSTOMER APPROVER

签 名 SIGNATURE	签 章 IMPRINTMENT

联系人：徐晶 13923778742

		SPECIFICATIONS	ITEM NO.	1/7
		MODEL NO.		SPEC. No

1	产品概要/PRODUCT OUTLINE	
	1-1 适用范围/SCOPE	This specification is applied to tablet
	1-2 尺寸/DIMENSIONS	As shown in fig (3)
	1-3 喇叭大小/SIZE	24±0.2 mm/ 15±0.2 mm/5.5±0.2 mm
	1-4 重量/NET WEIGHT	APPROX. 3.7±0.2g
2	标准试验状态 Standard Test Condition	<p>一般规格试验状态（特殊要求除外） 常温 5~35℃，常湿 45%~85%，气压 860~1060hPa 但判定上有疑问时，试验状态为： 温度 20±2℃，相对湿度 60%~70%，气压 860~1060hPa</p> <p>The test conditions unless otherwise specified should be Normal temperature 5 to 35℃, Normal humidity 45 to 85% And normal atmospheric pressure 860 to 1060hPa However, if there arises a doubt in judgement, the test conditions shall be as follows:</p> <p>Temperature 20±2℃ Humidity 60%~70% Atmosphere 860~1060hPa</p>

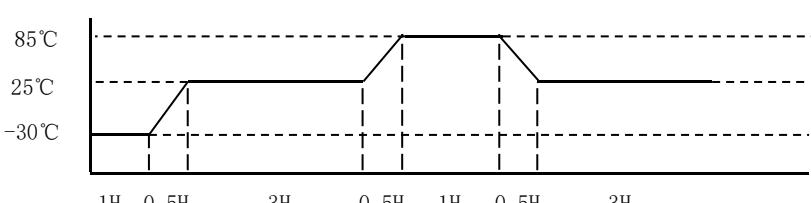
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		SPECIFICATIONS		ITEM NO.	2/7
		MODEL NO.	TRYQ2415B-H5.5-L140-1.25-02	SPEC. No	0722

		电气规格/ELECTRICAL SPECIFICATIONS			
3	3-1	输出音压位准 SOUND PRESSURE LEVEL	95±3dB at 2.83Vrms/10cm at 2kHz in 0.75cc box /on baffle		
	3-2	阻抗 IMPEDANCE	8±15% ohms @2kHz, 2.83Vrms input (in0.75cc box)		
	3-3	频宽回应 FREQUENCY RESPONSE	As shown in fig(2)		
	3-4	额定输入功率 (in lcc closed box) Rate Input Power	1.0W		
	3-5	最大输入功率 (in lcc closed box) Max Input Power	1.2W		
	3-6	单体异常音测试 Buzzes & Rattles	Must be free audible noise (From 300 Hz to 3.4KHz frequency range, Input:1.2V)		
	3-7	最低共振频率 LOWEST RESONANCE FREQUENCY	875±20%Hz (@2.83Vrms input/ in0.75cc box)		
	3-8	有效频宽 FREQUENCY RANGE	F0~20KHz		
	3-9	工作温度 OPERATING TEMPERATURE	-20 C to +75 C		
	3-10	贮存温度 STORE TEMPERATURE	-30 C to +85 C		

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SPECIFICATIONS		ITEM NO.	3/7
MODEL NO.		SPEC. No	0722

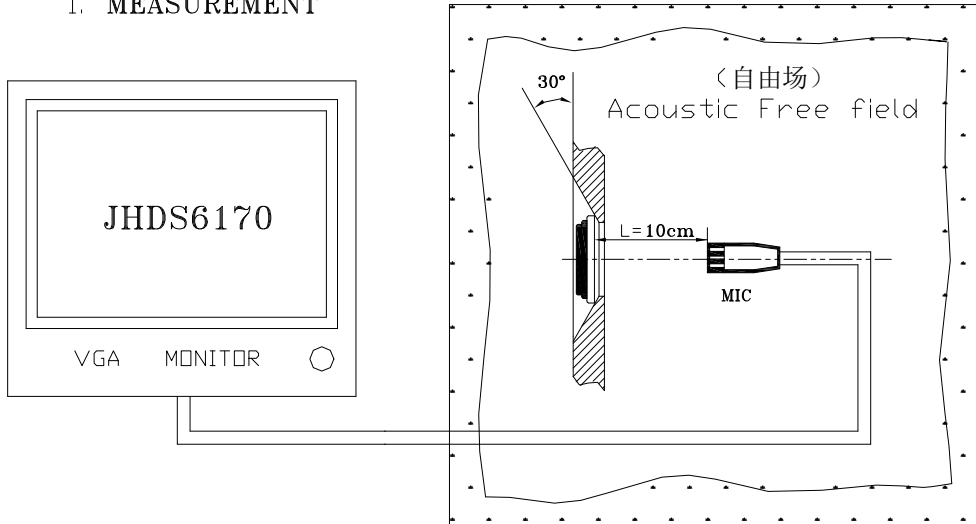
4		信赖性试验/RELIABLE TEST 4-1 概述 GENERAL After any following tests the response at 1 KHz shall not deviate more than 3 dB from the initial value	
		4-2 负载试验 LOAD TEST 输入电压 / Input Power : 2.83V 输入信号 / Input Signal : white noise 时 间 / Duration : 48 hours 试验后放置时间 / Duration of Recovery : 4hrs of conditions at 20°C	
		4-3 湿度试验 HUMIDITY TEST 温 度 / Temperature : +40°C 3 C 相对湿度 / Relative Humidity : 90%~95% R.H. 时 间 / Duration : 96 hours 试验后放置时间 / Duration of Recovery : 4hrs of conditions at 20°C	
		4-4 低温试验 LOW TEMPERATURE TEST 温 度 / Temperature : -30 C 3 C 时 间 / Duration : 96 hours 试验后放置时间 / Duration of Recovery : 4hrs of conditions at 20°C	
		4-5 高温试验 HIGH TEMPERATURE TEST 温 度 / Temperature : +85 C 3 C 时 间 / Duration : 96 hours 试验后放置时间 / Duration of Recovery : 4hrs of conditions at 20°C	
		4-6 温度循环试验 TEMPERATURE CYCLES TEST TEMPERATURE:  循环次数 / Cycles : 10 Cycles 试验后放置时间 / Duration of Recovery : 4hrs of conditions at 20°C	
		4-7 落地试验 TEST DROP TEST 落下方向 / Direction : 1 corner, 3 sides, 6 faces 落下回数 / Times : Once in each directions 高 度 / Height : From 0.7m(on the concrete) 试验后放置时间 / Duration of Recovery : 4hrs of conditions at 20°C 依包装实体一角三棱六面作自由落体试验后, 实体外观需正常	
		4-8 振动试验 VIBRATION TEST 振 动 / Vibration : 10-55Hz 振 幅 / Amplitude : 1.5mm 时 间 / Times : 1 hour in each of 3axes 试验后放置时间 / Duration of Recovery : 4hrs of conditions at 20°C	

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SPECIFICATIONS		ITEM NO.	4/7
MODEL NO.		SPEC. No	0722

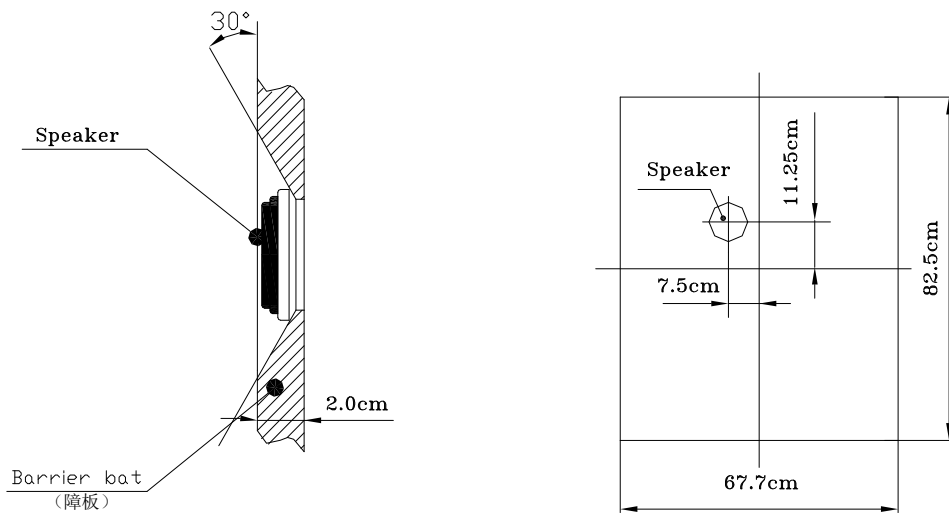
ELECTRICAL AND ACOUSTICAL MEASURING CONDITION (fig.1)

1. MEASUREMENT



5

2. Measurement Board(IEC-268-5)



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SPECIFICATIONS

ITEM NO.

5/7

MODEL NO.

SPEC. No

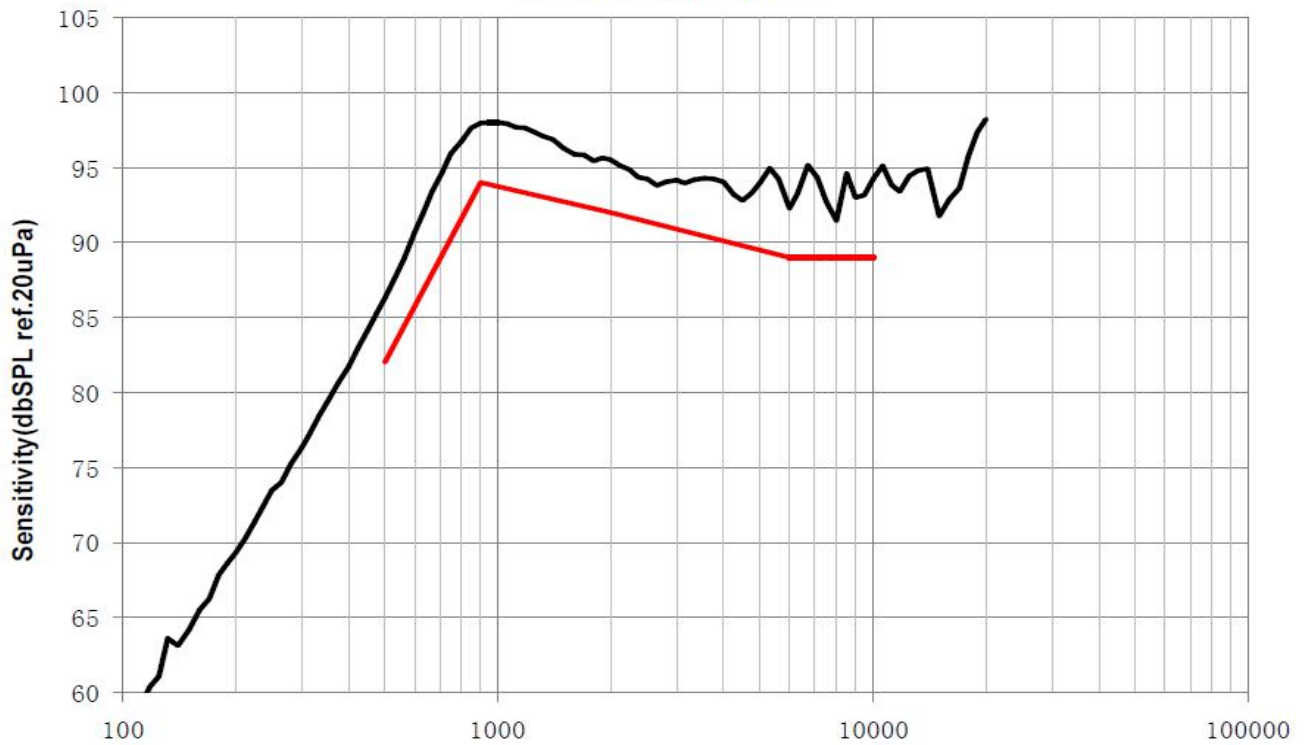
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FREQUENCY RESPONSE (fig. 2)

MYLAR SPEAKER

EFFICIENCY $94.5 \pm 3\text{dB}$ ($0\text{dB}=20.0\mu\text{Pa}$) at S. P. L

Frequency Response



Efficiency

Source Impedance $Z_s=0$ Ohms

Open-Circuit Level 1W/10cm

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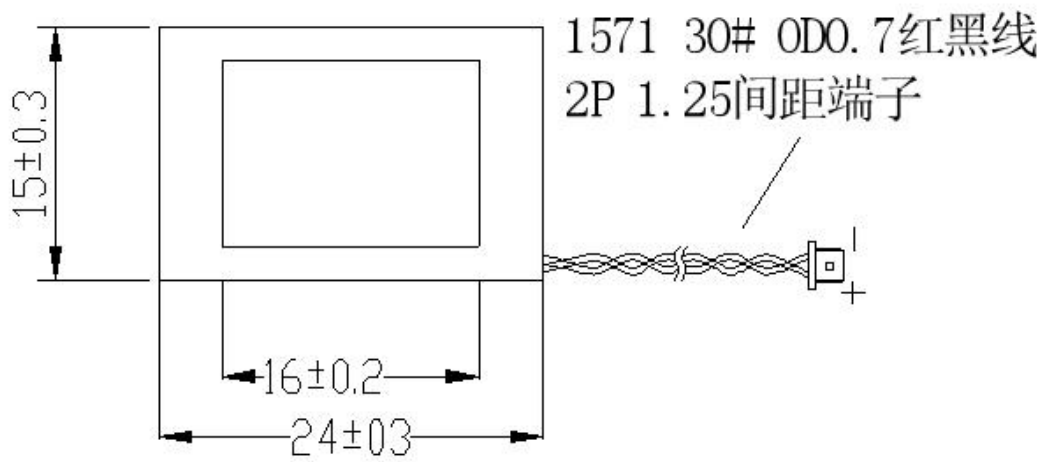
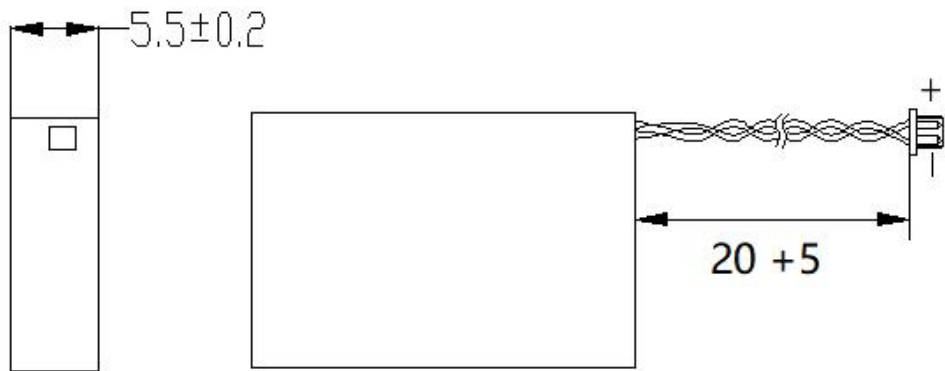
6/7

MODEL NO.

SPEC. No

0722

DIMENSIONS (fig. 3) 示意图



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