

SPECIFICATION FOR APPROVAL

承认书

Customer (客户) : _____

Product Name (产品名称) : Micro Dynamic Speaker

Sheng Qun Part No. 盛群型号: DS40LA008006T-R-05

Specification (规格) : 8 Ω 1W

Customer' s Model No. (客户型号): _____

Specification No. (规格书编号): SQ-PS-13061401JD

Number of the edition (版本号) : A1

CUSTOMER' S APPROVED SIGNATURE 客户承认盖章		



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C、适用范围 SCOPE

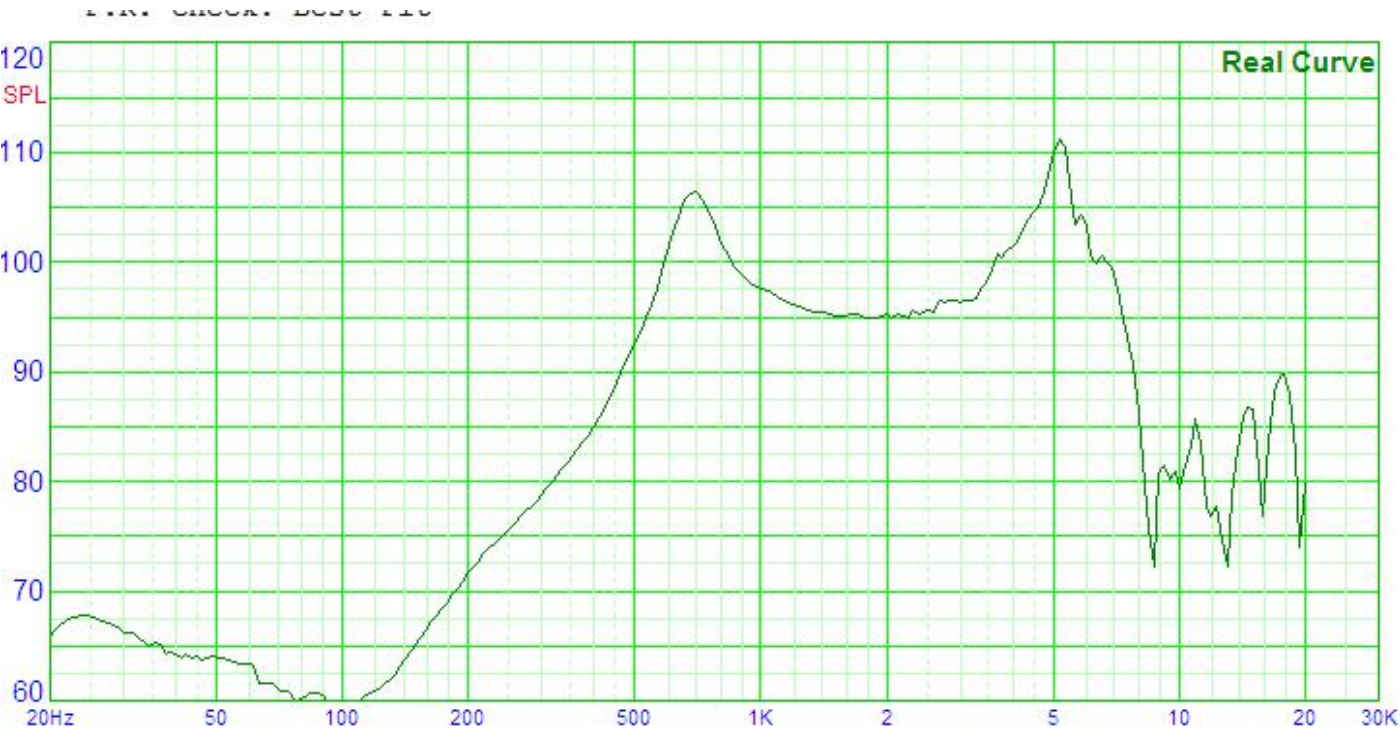
This specification applies speaker, **DS40LA008006T-R-05**
 此规格书适用于喇叭, **DS40LA008006T-R-05**

D、GENERAL SPECIFICATIONS 一般规格

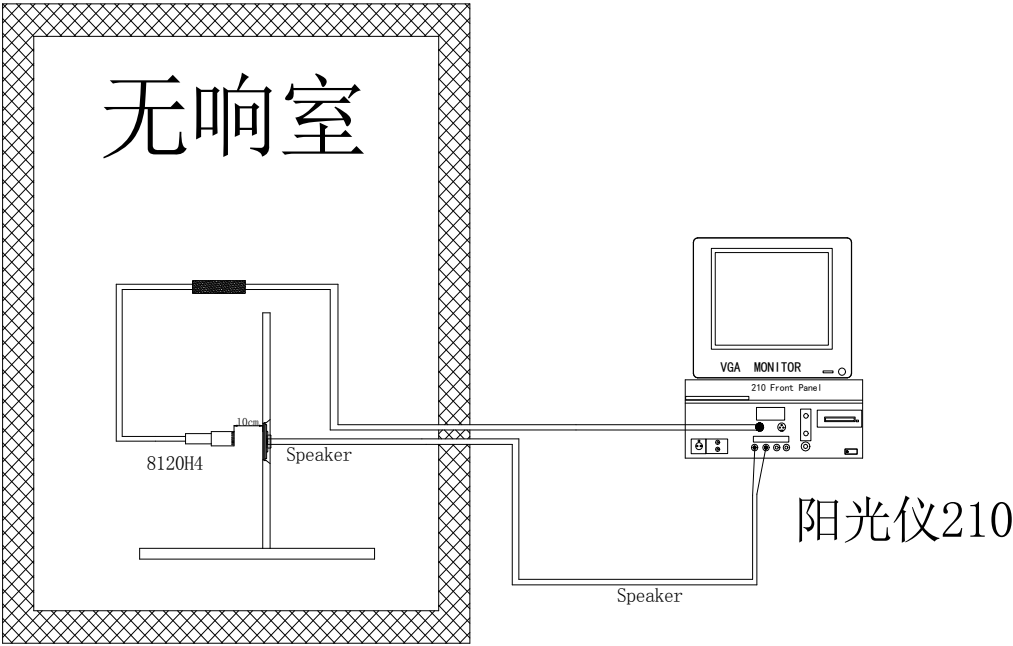
NO.	Item	Symbol	Unit	Specification	Condition
1	Dimension 尺寸		mm	$\phi 40 \times 5.0$	
2	Rate/Max Power Rating 额定/最大功率		W	Rate 1/Max.1.2	Max. Power:IEC-60268-5 Filter 60s On/120s Off 10 Cycles(Room TEMP.)
3	Impedance 阻抗	Ω	Ohm	$8 \pm 15\%$	
4	Resonance Frequency 谐振频率	Fo	Hz	$700 \pm 20\%$	At 1.0V
5	Output S.P.L 输出音压	S.P.L	dB	$98 \pm 3\text{dB}$	1W/0.1M At0.8K,1.0K,1.2K,1.5KHz
				$88 \pm 3\text{dB}$	0.1W/0.1M At0.8K,1.0K,1.2K,1.5KHz
6	Frequency Rang 有效频宽		Hz	Fo—8K	Output S.P.L $\pm 10\text{dB}$ 输出音压 $\pm 10\text{dB}$
7	Max Distortion 最大失真		%	10%	At 1.0KHz 1W
8	Magnet Material 磁铁材质		mm	Nd-Fe-B	
9	Storage temp 贮存温度		℃	-20~+ 55℃	
10	Operate temp 工作温度		℃	-20~+ 55℃	
12	Buzze&Rattle 异常音				Not be audible at 2.83V sine wave between Fo~4.0KHz 输入 2.83V 正 弦波 Fo 到 4.0KHz 之间无异 常音
13	Protection Regulation 环保法规			RoHS	

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E、TYPICAL FREQUENCY RESPONSE CURVE 频率响应曲线



F、MEASUREMENT CIRCUIT 测量线路

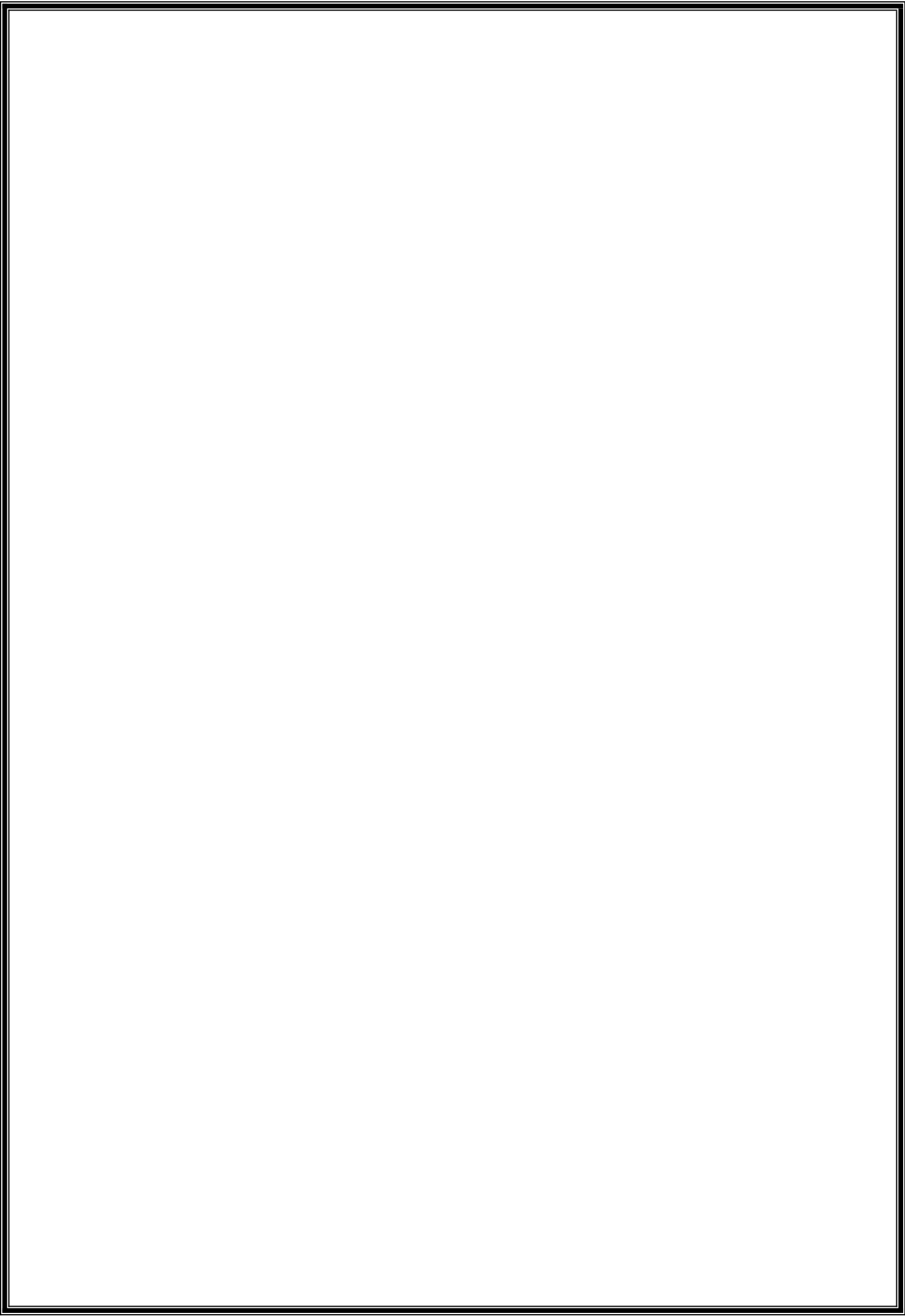


5. 5M*5. 5M*H3M(长宽高)

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G、MECHANICAL CHARACTERISTICS 机械特性

NO	Item	Test condition	Evaluation standard
1	Vibration Test 振动测试	<p>Speaker shall be measured after being applied vibration of amplitude of 1.5mm with 10 to 55Hz band of vibration frequency to each of 3 per-pendicular directions for 2 hours.</p> <p>振动周波数 10~55Hz, 全振幅 1.5mm 于 X, Y, Z 3 个方向各 2 个小时</p>	<p>No obstacle to be harmful to normal operation ;</p> <p>Damages,cracks,rusts and distortions.</p> <p>Should not be audible at 2.83V sinewave between FO~4.0kHz</p>
2	Drop Test 跌落测试	<p>Drop the speakers contained in normal box onto the board 40mm thick 10 times from the height of 75cm 将扬声器置于盒中, 自 75 公分高度落在 40mm 的木板上共 10 次</p>	<p>测试后无任何障碍妨碍正常操作, 且在输入 2.83V 正弦波从 Fo 到 4.0KHz 之间无异常音。</p>
3	Solderability 焊锡附着性 (connector excepted) 端子类不适合用此项	<p>Stripped wire of lead wire are immersed in rosin For 5 seconds and then immersed in solder bath Of $270\pm 5^{\circ}\text{C}$ for 3 ± 0.5 seconds.</p> <p>裸线部分浸入松香溶液 5 秒后, 再浸入 $270\pm 5^{\circ}\text{C}$ 溶融焊锡槽 3 ± 0.5 秒,</p>	<p>90% min. stripped wires shall Be wet with solder.(Except the edge of terminal).</p> <p>浸入裸线部分附着焊锡 90% 以上。(末端断面不算)</p>
4	Lead Wire Pull Strength 线材拉力	<p>The pull force shall be applied to double lead wire:</p> <p>Horizontal: 3.0N(0.306KG) for 30 seconds; Vertical: 2.0N(0.204KG) for 30 seconds.</p> <p>双线材水平方向施以 3.0N(0.306KG) 的力量; 垂直方向施以 2.0N(0.204KG) 的力量, 各 30 秒</p>	<p>No damage and cutting off</p> <p>线材不松动, 不脱落</p>



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H、RELIABILITY TEST 信赖性试验

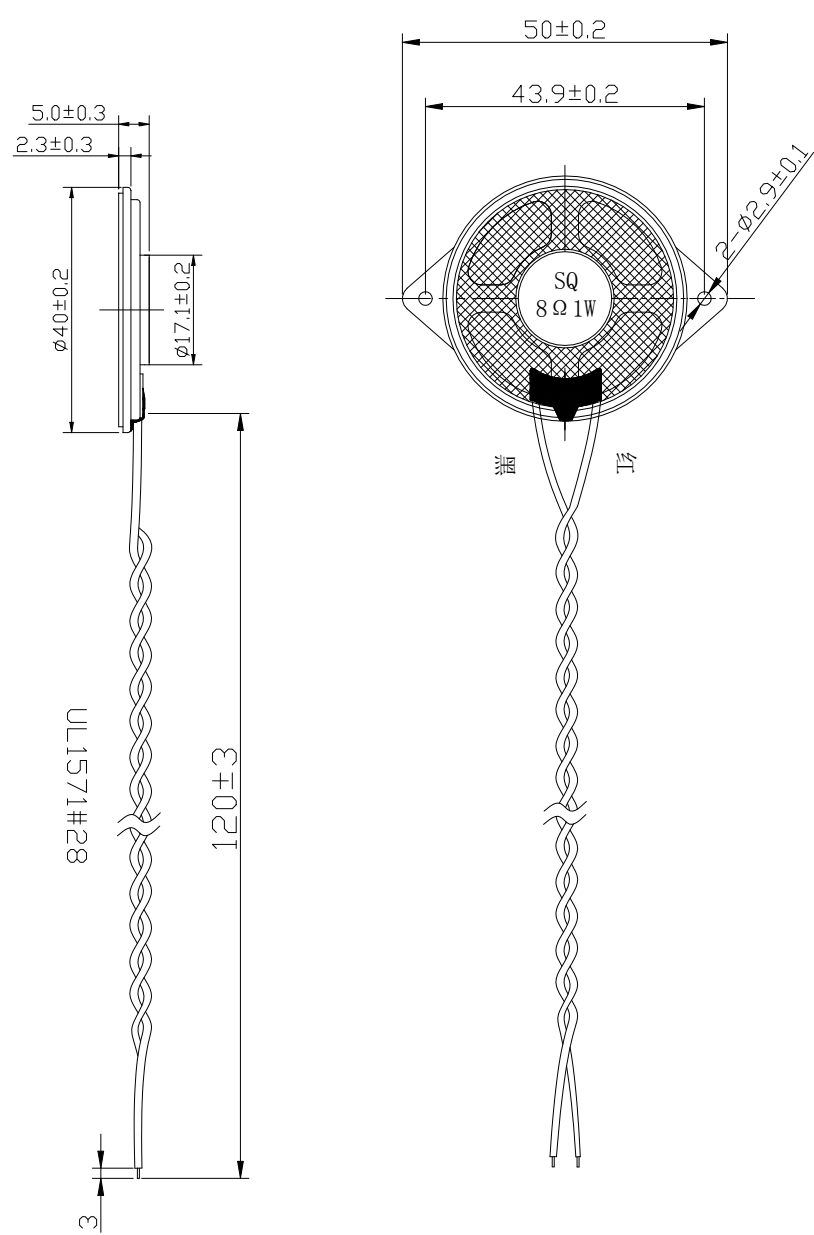
NO	Item	Test conditions	Evaluation standard
1	Load test 连续负荷	1.0W white noise is applied for 24 hours,at room temp. 在室温下，输入功率 1.0W，白杂音连续操作 24 小时	Being placed for 1 hours at +25 °C ,speaker shall be measured,No obstacle to be harmful to normal operation;damages,cracks,rusts,etc.should not be audible at 2.83V sine wave between Fo~4.0KHz.Fo should meet intial one.S.P.L.deviation of unit should be within ±3dB 经测试后，静置于+25℃环境中 1 小时后，测试无任何障碍妨碍正常操作，且在输入 2.83V 正弦波从 Fo 到 4.0KHz 之间无异常音，Fo 与原规格值相同，输出音压变化量在 ±3dB

I、ENVIRONMENTAL TEST 环境试验

No.	Item	Test conditions
1	High temp. test 高温测试	After being placed in a chamber at +55℃ for 96 hours. 置于+55℃环境中 96 小时
2	Low temp. test 低温测试	After being placed in a chamber at - 20℃ for 96 hours. 置于-20℃环境中 96 小时
3	Humidity test 相对湿度测试	After being placed in a chamber at +40℃and 90±5% relative humidity for 96 hours.置于+40℃，相对湿度 90±5%环境中 96 小时
4	Temp. cycle test 温度循环测试	Low temperature -20 °C ±2 °C (2 hour) / high temperature +55 ±2 °C (2 hour) : 1 cycle , total 10 cycles. Being placed for 6 hours at +25 °C ,receiver shall be measured. No obstacle to be harmful to normal operation ;damages, cracks, rusts and distortions, should not be audible at 2.83Vsine wave between Fo~4.0KHz. S.P.L. deviation of unit should be within ±3dB. 低温（-20±2℃）2 小时/高温（55±2℃）2 小时，1 次循环，10 个周期； 经测试后，静置于+25℃环境中 6 小时后，测试后无任何障碍妨碍正常操作，在输入 2.83V 正弦波从 Fo 到 4.0KHz 之间无异常音，Fo 与原规格值相同，输出音压变化量在 +3dB 内。

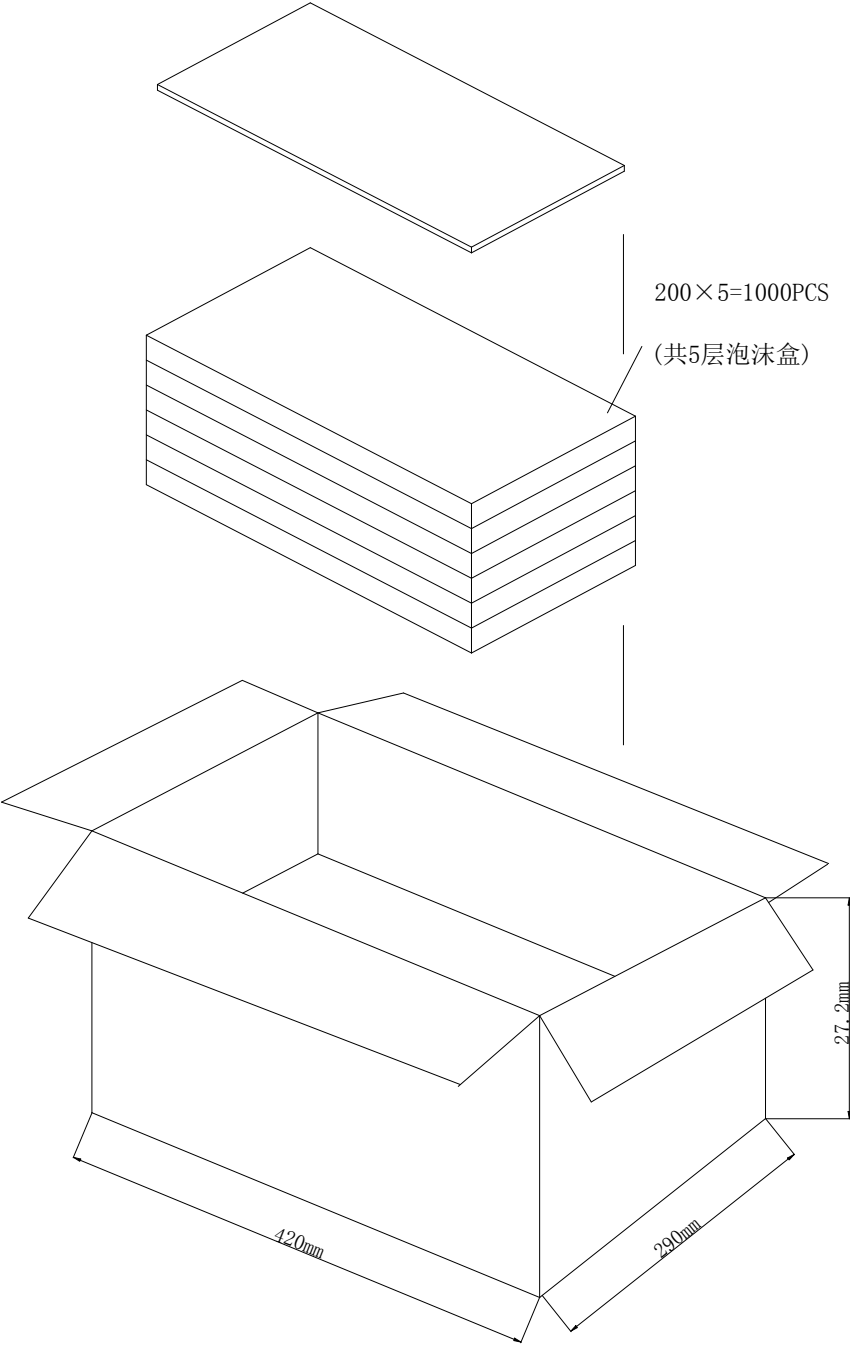
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J、APPEARANCE DRAWING 外观尺寸图



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K、PACKING STANDARD 包装规格



Csrtion Box $420\text{mm} \times 290\text{mm} \times 27.2\text{mm}$ $200\text{pcs} \times 5 = 1000\text{PCS}$

