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1. TEST CONDITION (测试条件)

Unless otherwise specified, The standard of range atmospheric conditions for making measurements and tests as follows (无特定要求时如下述测试条件): $17^{\circ}\text{C} \sim 25^{\circ}\text{C}$, $45\% \sim 85\%\text{RH}$, $860\text{HPA} \sim 1060\text{HPA}$.

If there is no doubt about results, measurement shall be made with in the following limits.

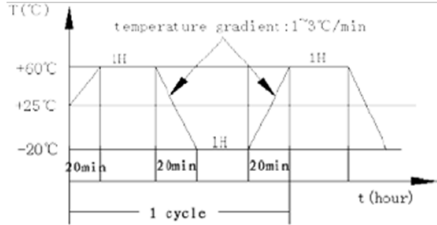
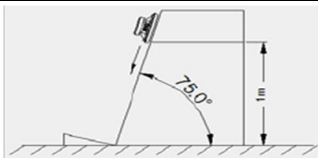
(当判断有疑问的场合如下述测试条件): $20^{\circ}\text{C} \pm 3^{\circ}\text{C}$, $60\% \sim 70\%\text{RH}$, $860\text{HPA} \sim 1060\text{HPA}$.

2. SPECIFICATION OF SPEAKER MODE (喇叭模式规格)

2.1	Rated IMPEDANCE 额定阻抗	$8\Omega \pm 15\%$	At 1.0KHz 0.89V
2.2	RESONANCE FREQUENCY 最低共振周波数	$630 \pm 20\%\text{Hz}$	At 0.89V
2.3	Rated Power 额定功率	2.0W	At 2.82V
2.4	MAX POWER 最大功率	2.5W	At 3.16V
2.5	Outerput S.P.L 出力音压	$95 \pm 3\text{dB}$ at 0.1W/0.1M	At 600.800.1000.1200.1500.2000Hz average
2.6	Frequency response curve 实效频宽	F0 ~ 20KHz	Deviation -10db from average S.P.L
2.7	Rattle & 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 2.82V /350 ~ 2kHz
2.8	Dostortion 失真	$\leq 5\%\text{THD}$	At 1kHz 0.1M, 0.89V
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)	
2.1	Magnet Size 磁铁	NdFeB ($\Phi 12.5 \times 1.5$)	
2.11	Net Weight 重量	$\pm 10\%$	

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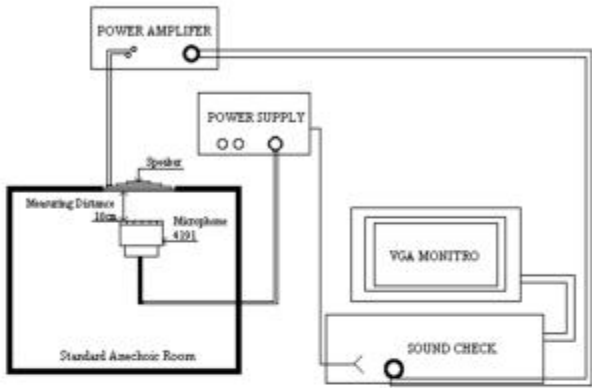
3.ENVIRONMENTAL CHARACTERISTICS (信赖性试验)

3.1	High temperature test 耐热试验	+ 60±3°C duration 96 hours ,then removal back to normal temperature for 2 hours (+60±3°C, 96小时实验后, 常温放置2小时)
3.2	LOW temperature test 低温实验	- 20±3°C duration 48 hours ,then removal back to normal temperature for 2 hours (-20±3°C, 96小时实验后, 常温放置2小时)
3.3	Humidity test 耐湿试验	Temperature +40±3°C, relative humidity 90~95%, duration ,96 hours ,then removal back to normal temperature for 2 hours (温度+40±3°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 white noise 。 2W的白噪声下连续工作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	Temperature cycle test 温度周期试验	Temperature: -20°Cto +60±3°C Duration : 2 hours Cycl :2cycle 温度-25°C 2小时转高温 , +60 °C±3°C 2小时为一周期共试验2 周期 
3.6	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) 
3.7	Insulation resistance 绝缘阻抗	A VOLTAGEOF 100V.d.c shall be applited 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)
3.8	Vibration test 振动试验 (捆包状态)	10-55Hz/min Amplitude: 1.5mm Duration: 2hours each axes
3.9	Operating temperature 工作温度	- 20°C TO +60°C
3.10	Storage temperature 储存温度	- 25°C TO +60°C

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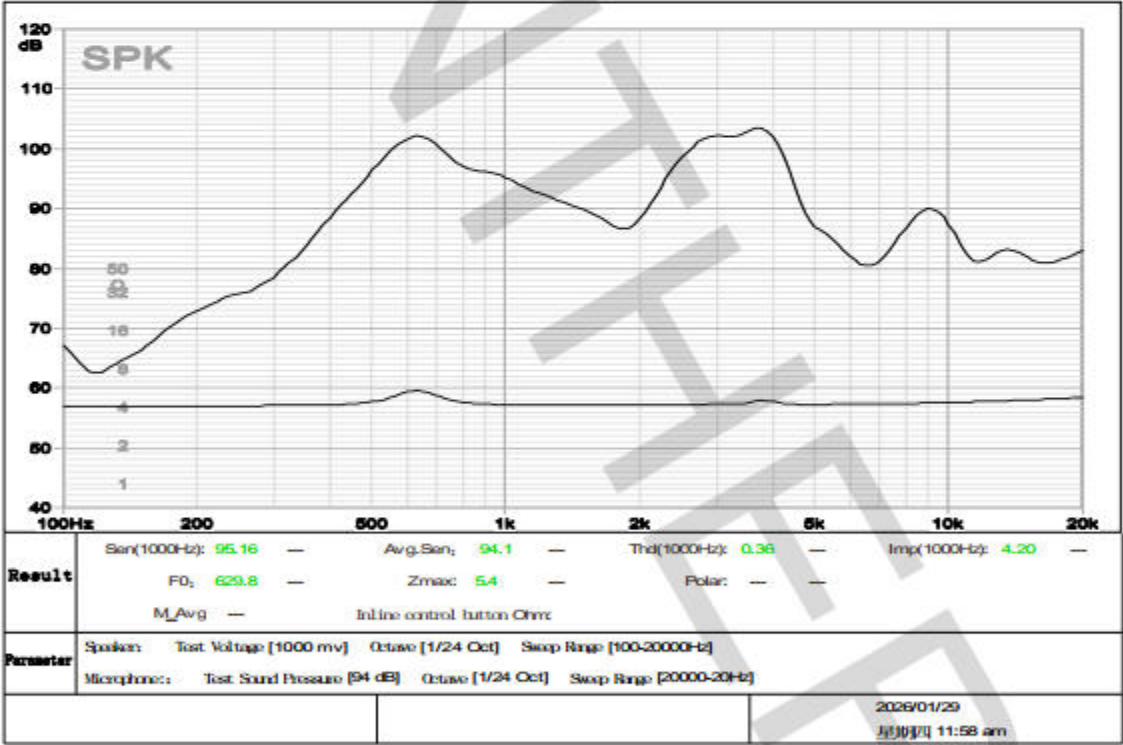
MEASURING CIRCUIT(SPEAKER)

测试回路（喇叭模式）



FREQUENCY CURVE

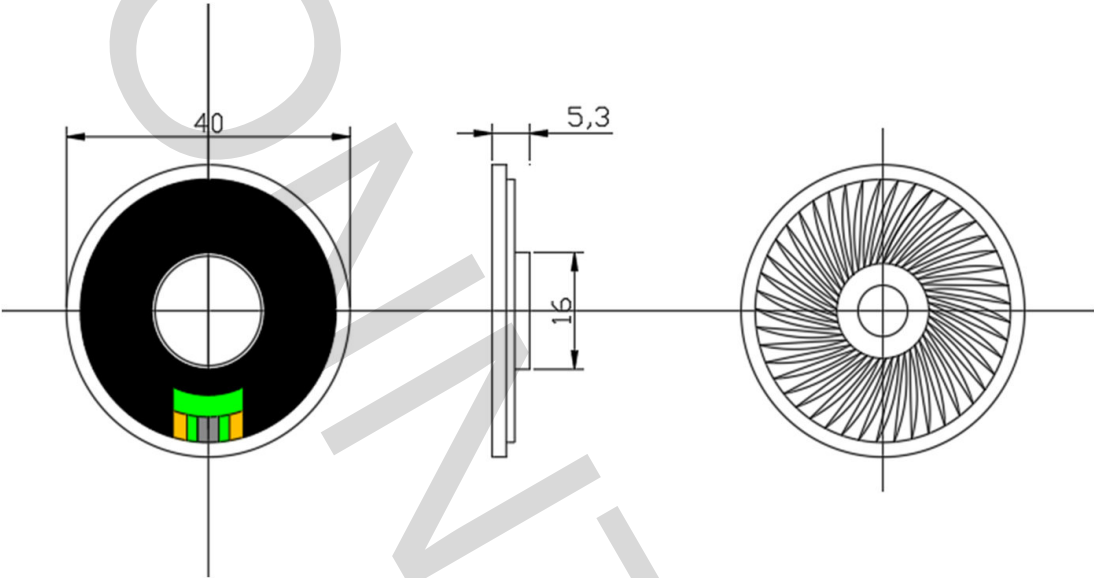
频响曲线图



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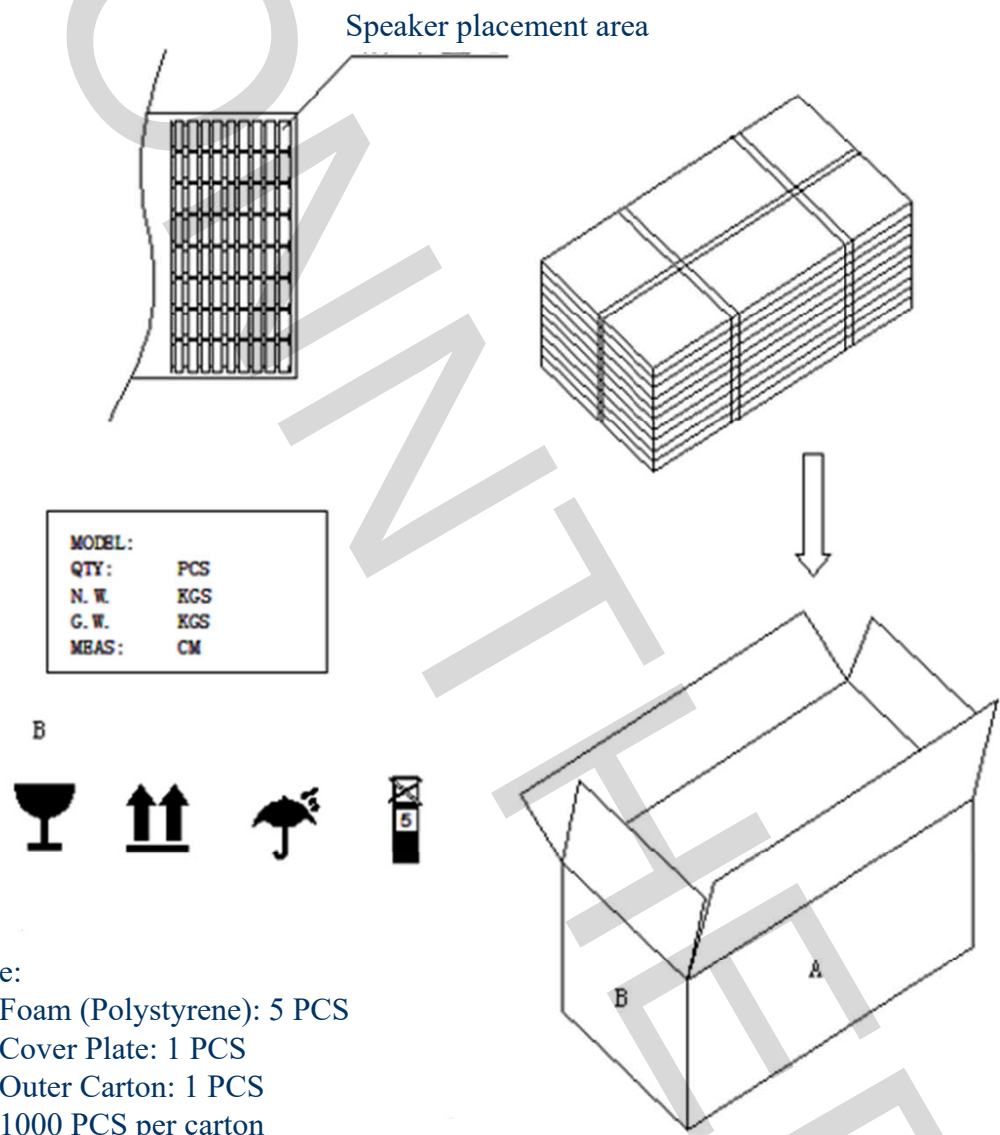
■ DIMENSIONS

Unless otherwise specified, tolerance: ± 0.3 (unit: mm)



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■PACKAGING PARAMETERS



- Note:
- 1、Foam (Polystyrene): 5 PCS
 - 2、Cover Plate: 1 PCS
 - 3、Outer Carton: 1 PCS
 - 4、1000 PCS per carton
 - 5、Packaging labels can be customized according to customer requirements.