



深圳市兴华鑫电子科技有限公司

Shenzhen xinghuaxin Electronic Technology Co., Ltd

承認書

SPECIFICATION FOR APPROVAL

客戶 (Customer):

客戶料號 (Customer P/N):

興華鑫型號 (Supplier P/N):

XHXDZ-2840-4 Ω 3W

產品名稱 (Description):

喇叭 (Speaker)

產品規格 (Specification):

2840 塑膠內磁

客戶承認欄 (Customer Authorization Signature)	深圳市興華鑫電子科技有限公司 承認欄 (Supplier Audit)		
	審核	檢查	制作
	唐国兴	唐玉来	吴银娟
	日期: 2022 年 04 月 19 日 版次: A		

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产品规格内容

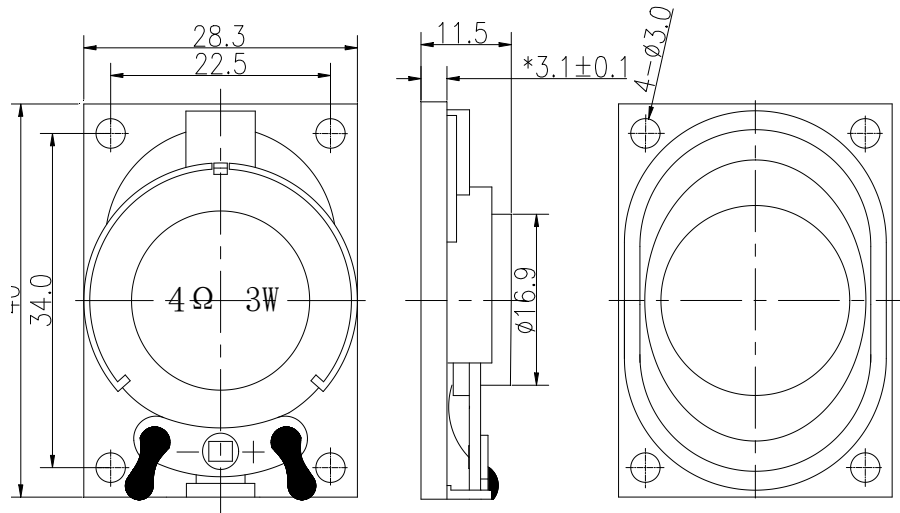
Above Measuring condition under temperature : 25~35℃ R.H. 25 ~75%. According to standard GB/T9396-1996

	Model	RB-4028004G-028R			
1	Type	Dynamic Speaker			
2	Dimension	Outline Dimension Shall Be As Shown In Fig(1).			
3	Weight	Approx 12.9 Grams.			
4	Magnet	Material	Nd-Fe-B		
5	Impedance	4 ± 15% Ohm at 1000Hz. 1V			
6	Power Rating	Normal	3.0W	Maximum	3.5W
7	FO	400±20% Hz at 1 V			
8	S.P.L.	93±3dB/1.0Watt 0.1Meter. Average At1000,1200,1500,2000 Hz.			
		Measurement Method Shown In Fig(2).			
9	Frequency Range	180~15,000Hz.Average SPL-10dB. Frequency Response Fig (3).			
10	Distortion	10% Maximum At 1000Hz.1.0W.			
11	Abnormal Sound Test	Must be Normal Tested by 3.46 Volts. Sine wave for50~5kHz			
12	Polarity	Diaphragm Shall Move Forward When Apply a Positive DC.			
		Red “+” or“ Marked” Terminal			
13	Operating Temperature	-25 °C to +65 °C			
14	Storage Temperature	-25 °C to +65 °C			
15	Reliable Test				
After any following test leave speakers at room temperature for 1 hour, SPL shall not deviate by± 3 db from initial value					
15-1	Load Test	white noise for 96 hours at 3.0 W input power.			
15-2	High Temperature Test	+65±2 °C 96hours			
15-3	Low Temperature Test	-25±2 °C 96hours			
15-4	Humidity Test	+40±2 °C relative humidity 90~95%R.H 96hours			
15-5	Vibration Test	Frequency 30± 15 Hz, Amplitude 1.5 mm for 2 Hours per axis(x. y. z axis)			
15-6	Drop Test	75 CM free falling on Concrete floor, 10 times.			
15-7	Temperature Cycle test	– 25°C ~ + 65 °C 5 Cycles Temperature test.			

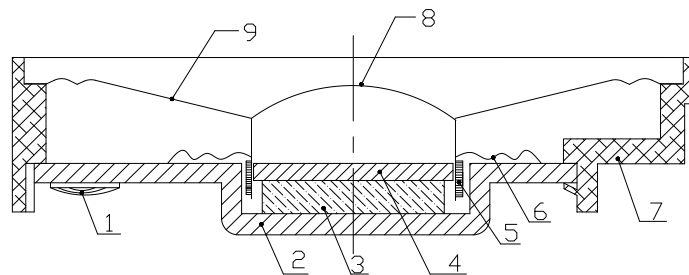
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16: Drawing(Fig1) Unit: mm Tolerance:±0.3mm



17. Speaker Construction

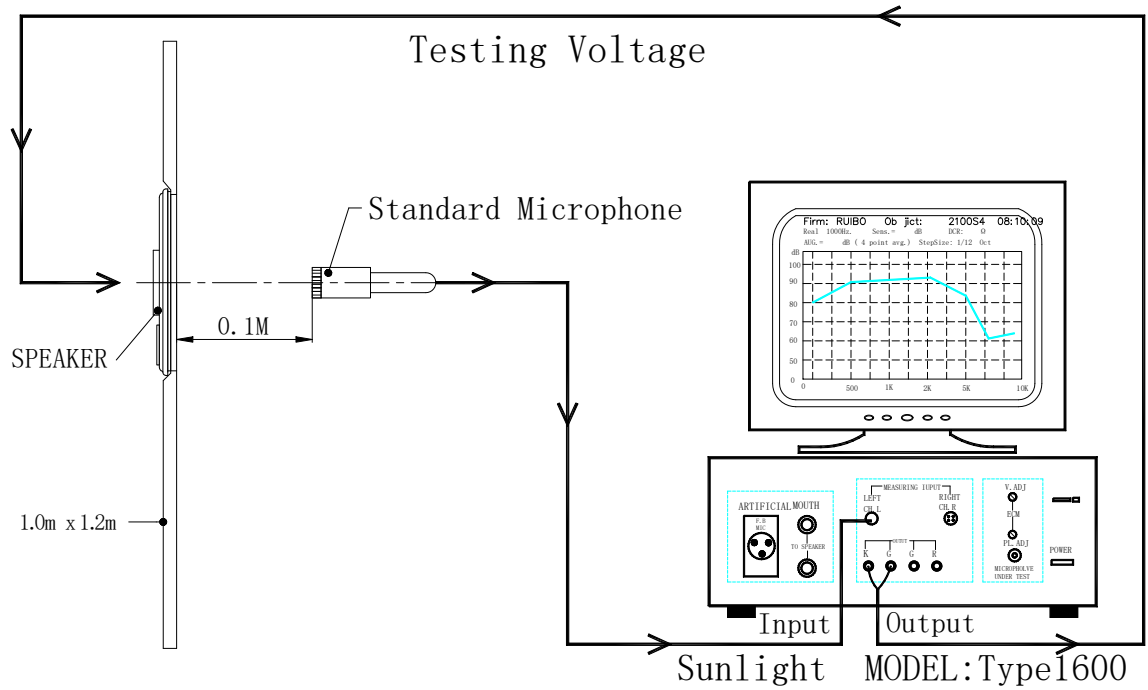


NO	PART NAME	MATERIAL	Q'TY
1	TERMINAL	P.C.B	1
2	YOKE	SPCC	1
3	MAGNET	Nd-Fe-B	1
4	WASHER	SPCC	1
5	VOICE COIL	Cu	1
6	CONE	CLOTH	1
7	FRAME	ABS	1
8	CAP	PAPER	1
9	DIAPHRAGM	PAPER+PU	1

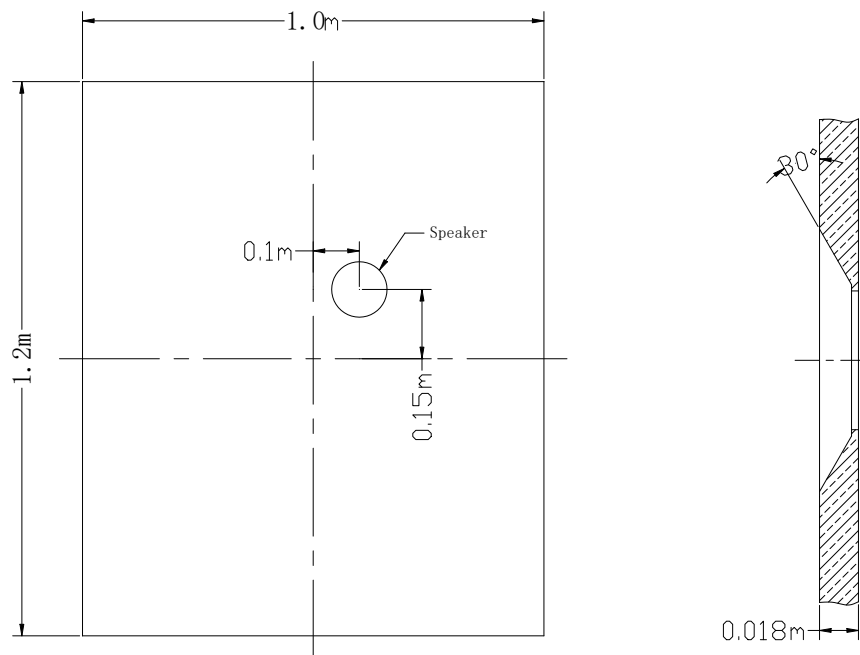
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18.Measurement Method Fig(2).



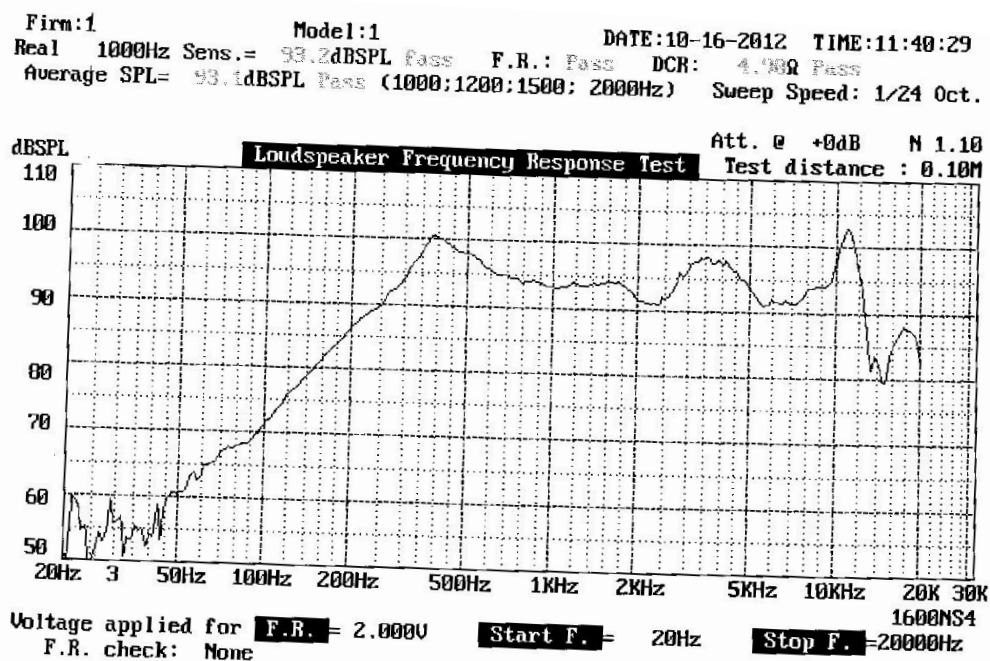
19. Test baffle Diagram



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20. Frequency Resonance Fig (3).



21. AC Impedance curve

