

承認書

SPECIFICATION FOR APPROVAL

客戶(Customer): _____
客戶料號(Customer P/N): _____
機種編號(Files No.): FS2015-12-031
機種型號(Model No.): RB-7835LF08
品名(Description): SPEAKER(RoHS)
規格(Specification): 8Ω 10W

客戶承認欄 (Customer Authorization Signature)	供應商 (Supplier Audit)		
	Approver	Checker	Author
			卢丽珍
日期: 2015 年 12 月 17 日			

Revision History

Version	Date	Description	Author
A0	December 17, 2015		卢丽珍

东莞市富新电子有限公司

DONGGUAN FUXIN ELECTRONIC CO., L.T.D.

中國 廣東省 东莞市 企石镇 东山管理区 永盛工业园

Dong Shan Guan Li Qu, Qi Shi Town, Dong Guan City, Guang Dong, China

TEL: +86(0)769-8657 2629 FAX: +86(0)769-8657 2621

<http://www.ruibocn.com>

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Dong Shan Guan Li Qu, Qishi Town, Dong guan City, Guangdong CHINA.

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

	Model	RB-7835LF08		
1	Type	Dynamic Speaker		
2	Dimension	Outline Dimension Shall Be As Shown In Fig(1).		
3	Weight	Approx 165.9 Grams.		
4	Magnet	Material	FERRIT	
5	Impedance	8 ± 15% Ohm at 1000Hz. 1V		
6	Power Rating	Normal	10W	Maximum 15W
7	FO	130±25% Hz		
8	S.P.L.	103±3dB/1.0Watt 0.1Meter. Average At1000,1200,1500,2000 Hz.		
		Measurement Method Shown In Fig(2).		
9	Frequency Range	F0~20,000Hz.Average SPL-10dB. Frequency Response Fig (3).		
10	Distortion	10% Maximum At 1000Hz 1.0W.		
11	Abnormal Sound Test	Must be Normal Tested by 8.94 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 10 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	Temperature Cycle test	-25~ + 65 °C 5 Cycles Temperature test.		

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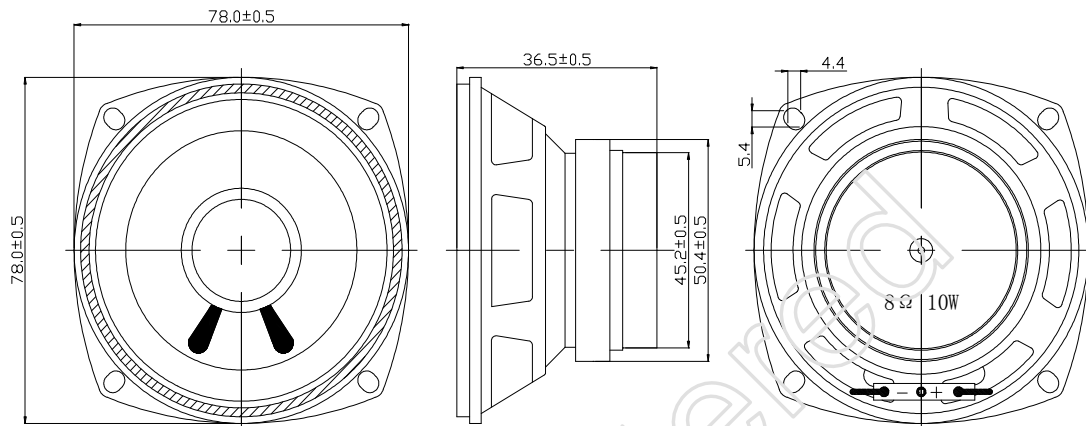
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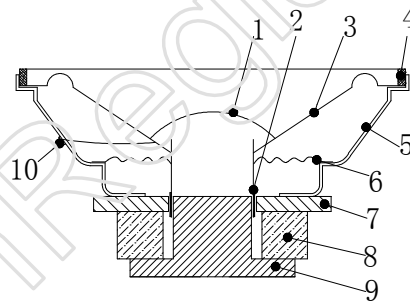
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Model : RB-7835LF08

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



17. Speaker Construction



NO	PART NAME	MATERIAL	Q'TY
1	CAP	PET	1
2	VOICE COIL	COPPER	1
3	DIAPHRAGM	PAPER+PU	1
4	CASKET	PAPER	1
5	FRAME	SPCC	1
6	DAPER	CLOTH	1
7	WASHER	SPCC	1
8	MAGNET	FERRIT	1
9	T iron	SPCC	1
10	TERMINAL	P.C. B	1

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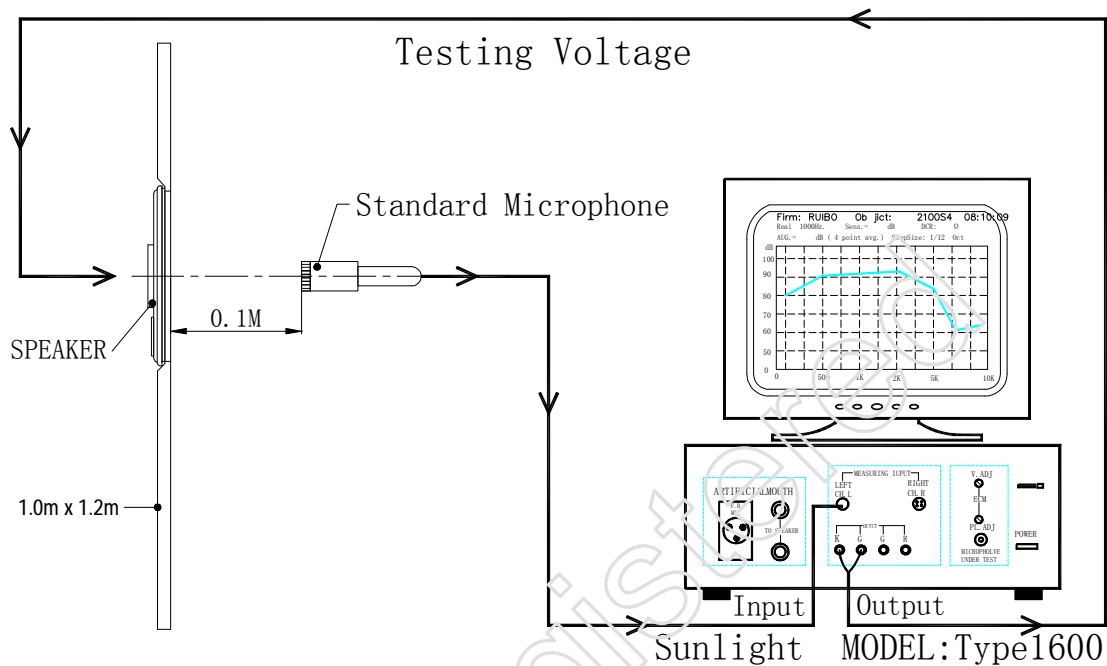
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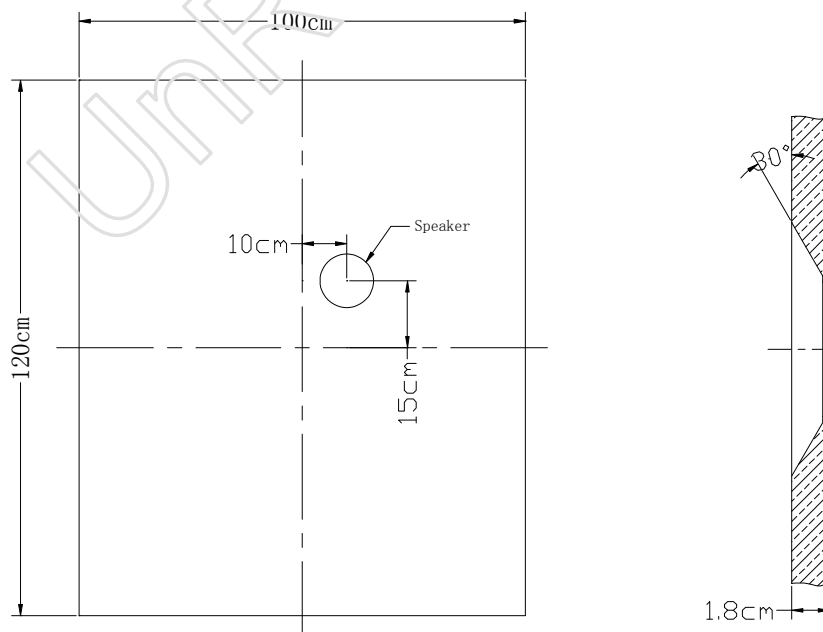
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18.Measurement Method Fig(2).



19. Test baffle Diagram



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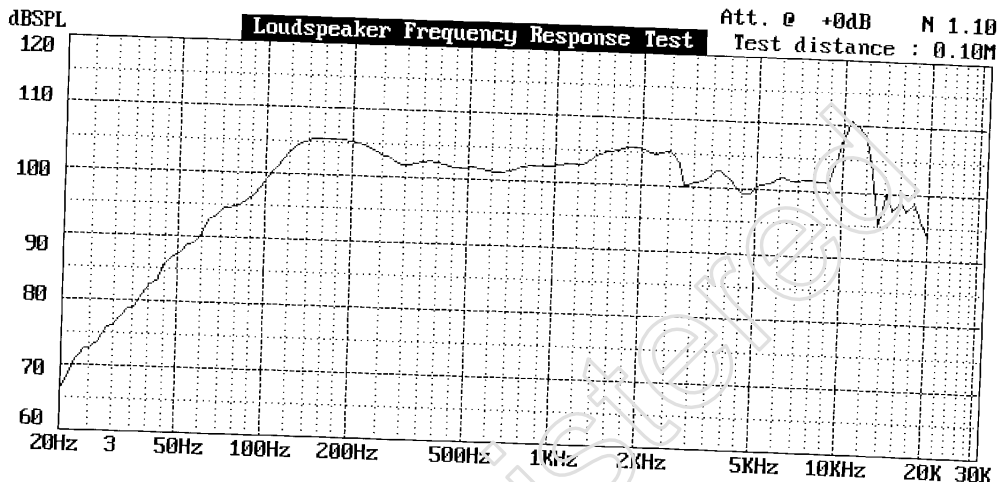
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20. Frequency Resonance Fig (3).

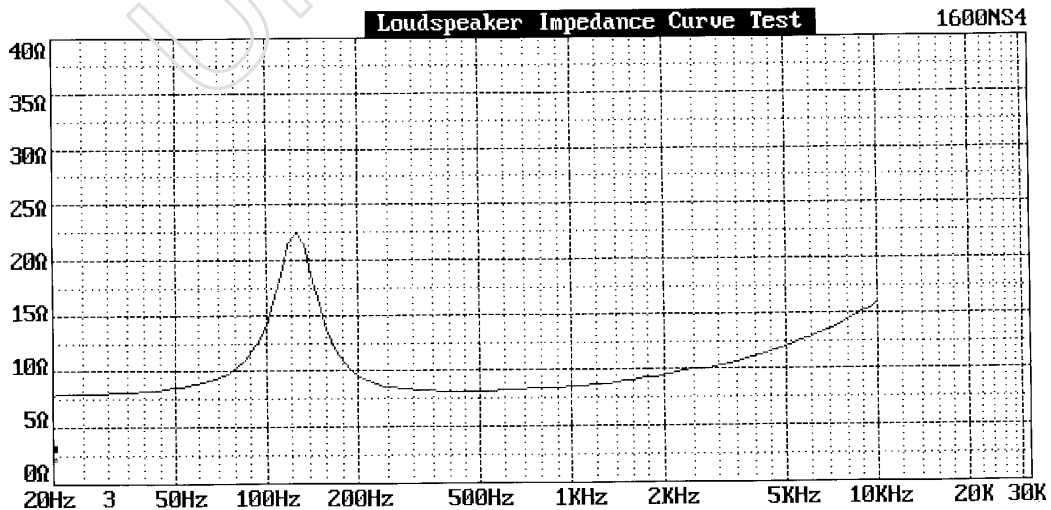
Firm:460 Model:BOX DATE:12-18-2015 TIME:14:18:20
 Real 1000Hz Sens.= 102.5dB SPL Pass F.R.: Pass DCR: 7.25Ω Pass
 Average SPL= 109.5dB SPL Pass (1000:1200:1500: 2000Hz) Sweep Speed: 1/12 Oct.



Voltage applied for **F.R.** = 2.830V **Start F.** = 20Hz **Stop F.** = 20000Hz
 F.R. check: None

21. AC Impedance curve

Firm:460 Model:BOX DATE:12-18-2015 TIME:14:09:04
 Start Freq. = 20Hz Stop Freq. = 10000Hz Sweep Speed: 1/12 Oct.
 ACV = 1.000V ACZ = 8.54 Ω @ 1000Hz. (Real)
 Fo = 120.9Hz; Qm = 3.90; Qe = 1.79; Qt = 1.23; DCR = 7.71Ω



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