

承認書

SPECIFICATION FOR APPROVAL

客戶(Customer): _____
客戶料號(Customer P/N): _____
機種編號(Files No.): FS2015-12-024
機種型號(Model No.): RB-4020008G-05R-Z1
品名(Description): SPEAKER(RoHS)
規格(Specification): 8Ω 2.0W

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 16 日			

Revision History

Version	Date	Description	Author
A0	December 16,2015		卢丽珍

东莞市富新电子有限公司

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

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

	Model	RB-4020008G-05R-Z1		
1	Type	Dynamic Speaker		
2	Dimension	Outline Dimension Shall Be As Shown In Fig(1).		
3	Weight	Approx 7.5 Grams.		
4	Magnet	Material	Nd-Fe-B	
5	Impedance	8 ± 15% Ohm at 1000Hz. 1V		
6	Power Rating	Normal	2.0W	Maximum 2.5W
7	FO	900±20% Hz		
8	S.P.L.	101±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 4.0 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 2.0 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	Temperature Cycle test	-25~ + 65 °C 5 Cycles Temperature test.		

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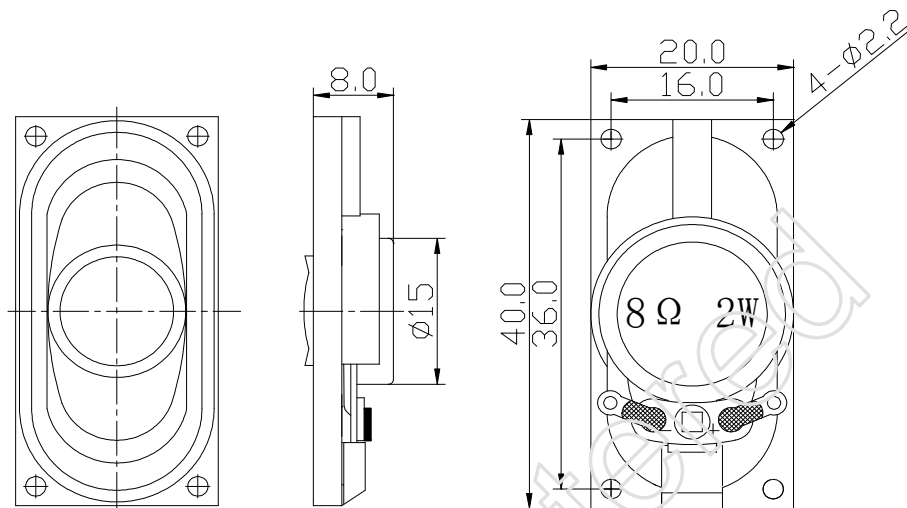
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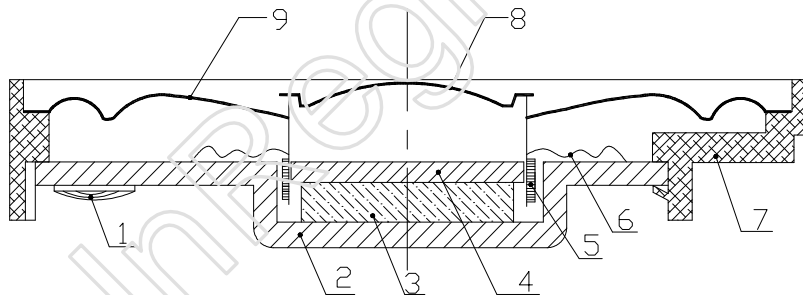
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Model : RB-4020008G-05R-Z1

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	Copper	1
6	CONE	CLOTH	1
7	FRAME	ABS	1
8	CAP	PAPER	1
9	DIAPHRAGM	SILK	1

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18.Measurement Method Fig(2).

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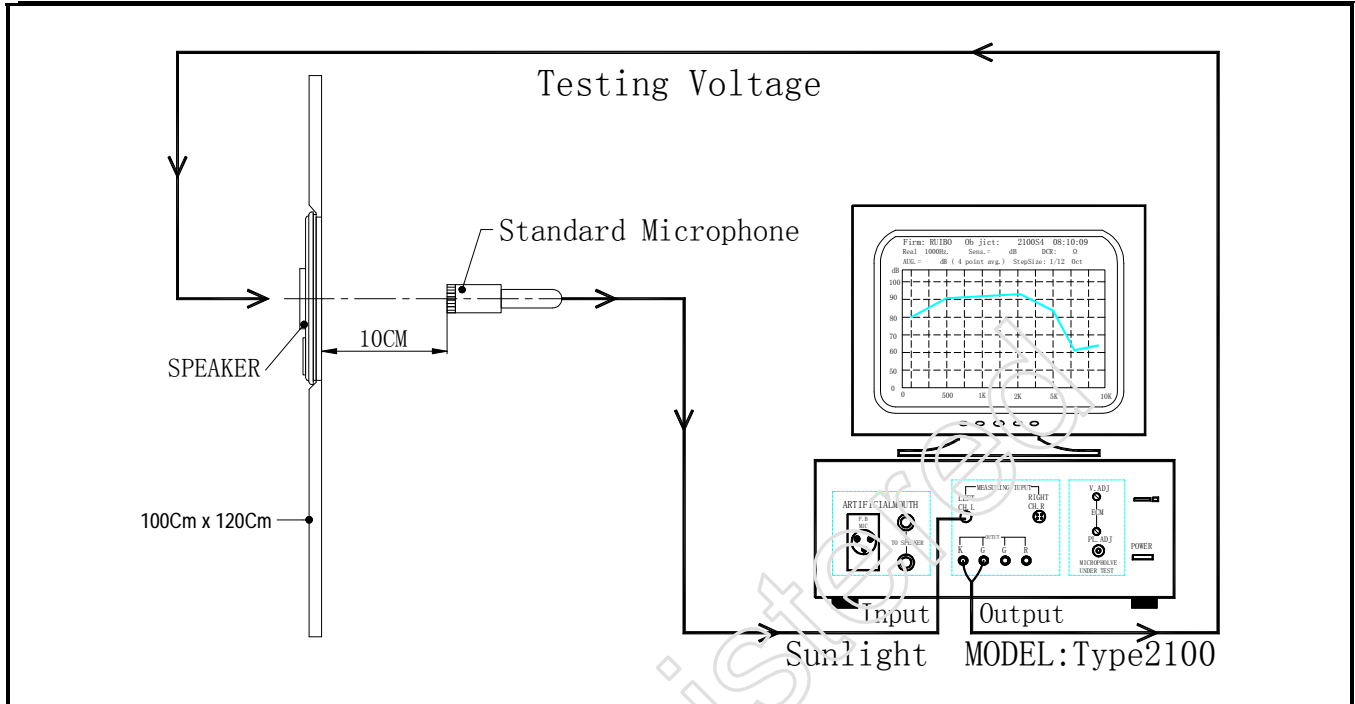
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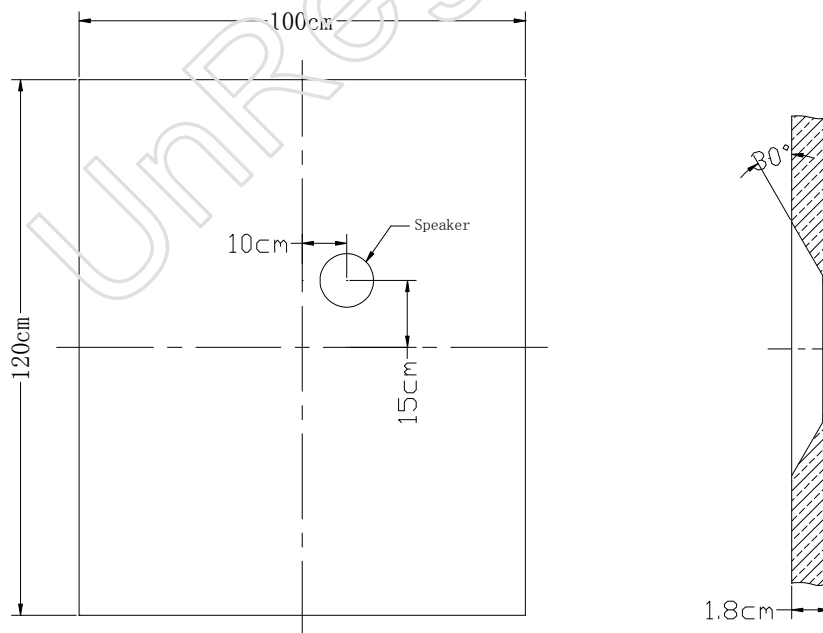
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19. Test baffle Diagram



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20.Frequency Resonance Fig (3).

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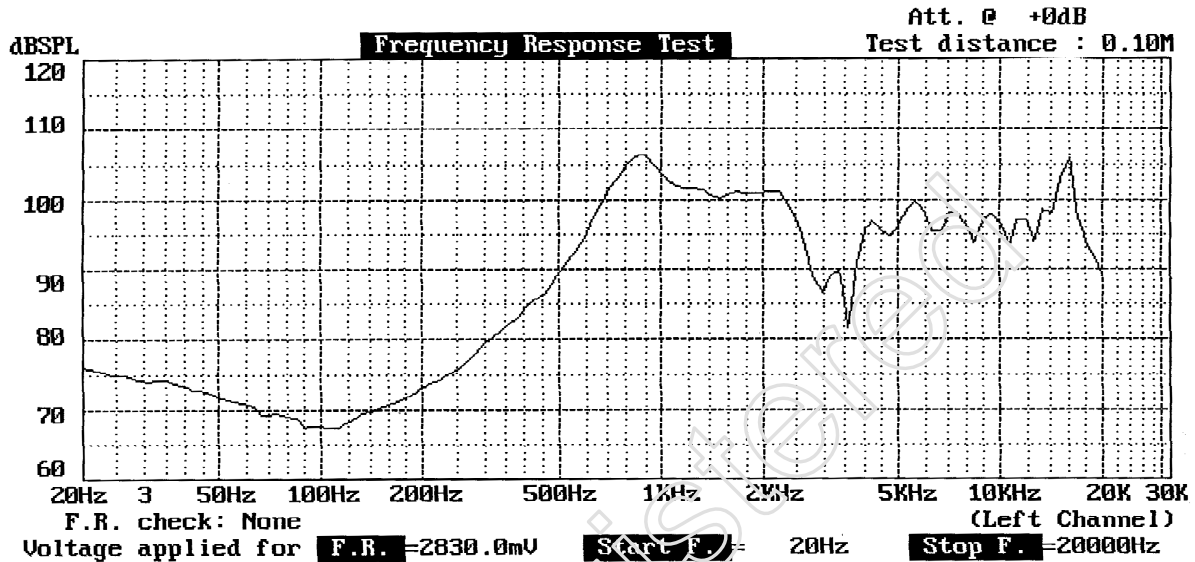
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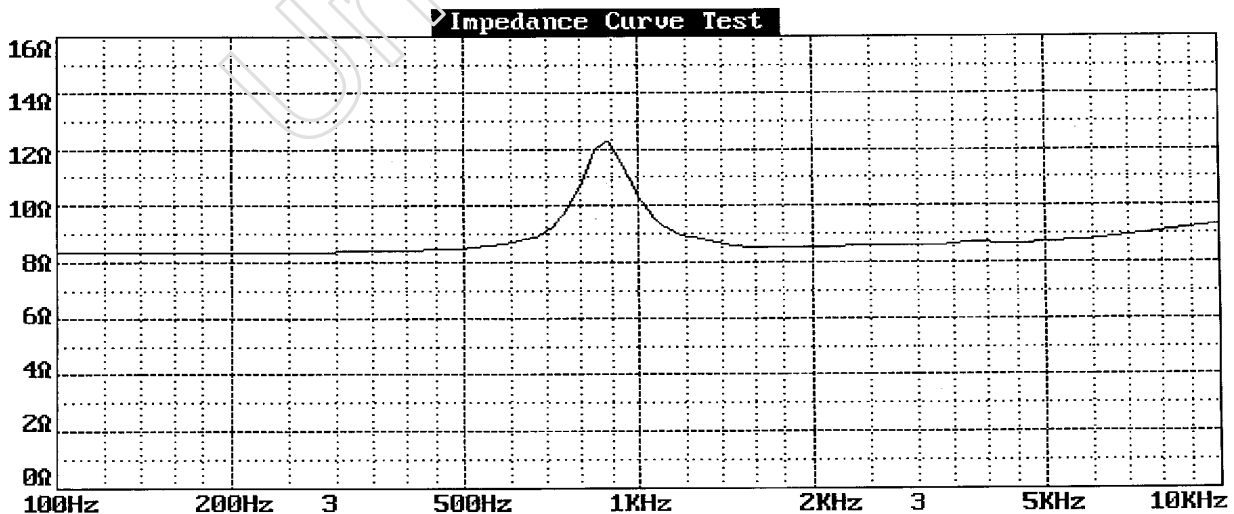
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Firm: RUIBO Object: 4820000G 2100S4 F 2.10 12-30-2010 19:53:52
Real 1000Hz Sens.= 103.7dB SPL Pass F.R.: Pass DCR: 0.22Ω Pass
Avg.=101.6dB SPL Pass (4 point avg.) Step Size: 1/12 Oct.



21. AC Impedance curve

Firm: RUIBO Object: 4820000G 2100S4 F 2.10 12-30-2010 19:30:57
Start Freq. = 100Hz Stop Freq. = 10000Hz Sweep Speed: 1/12 Oct.
ACV = 1000.0mV ACZ = 8.57 Ω @ 1504Hz. (Real)
Fo = 891Hz; Qm = 5.84; Qe = 8.96; Qt = 3.54; DCR = 8.21Ω.



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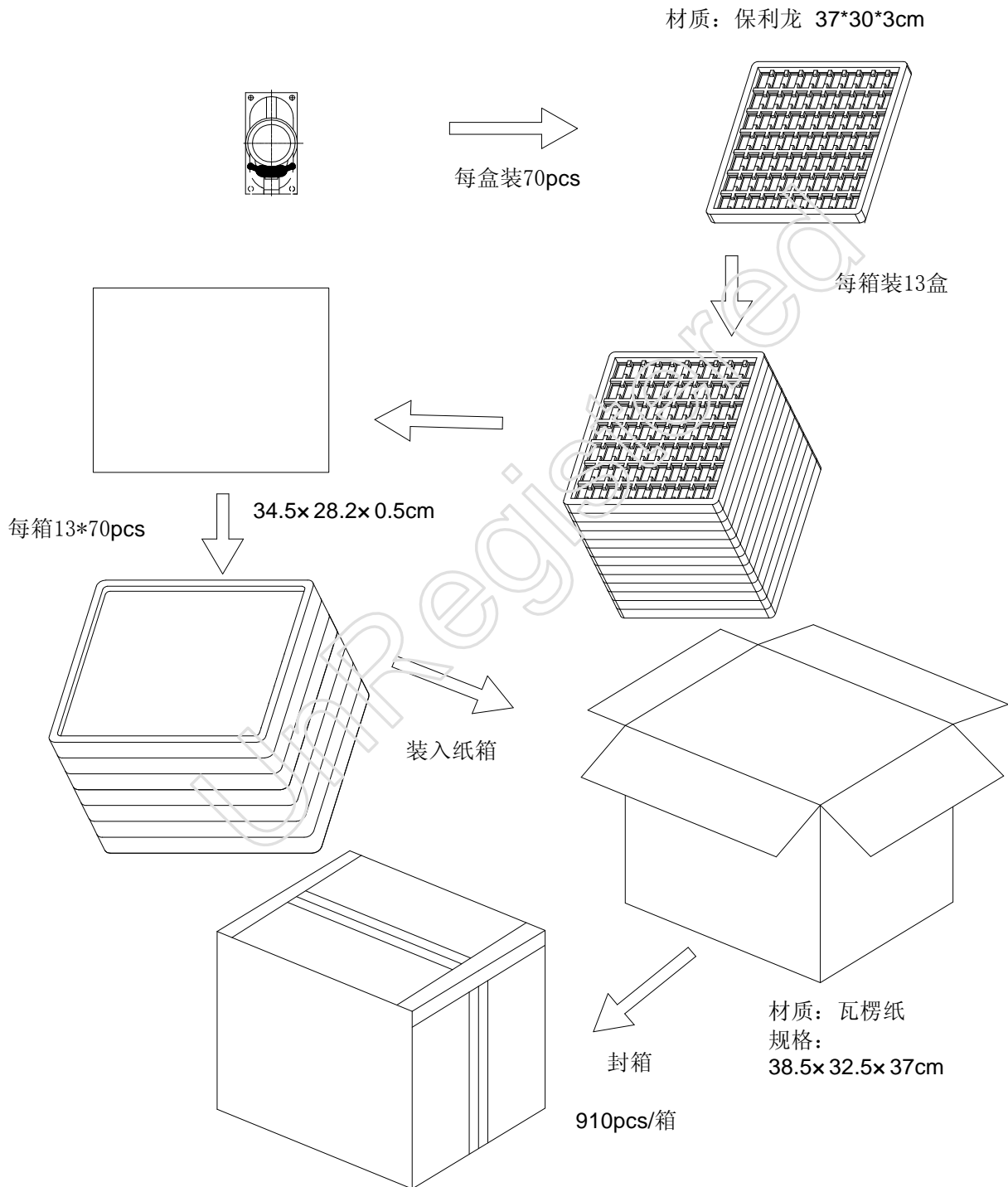
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22. Package



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