

## SPECIFICATION FOR APPROVAL

CUSTOMER \_\_\_\_\_

COMMODITY: magnetic plastic shell Speaker

Type: Φ40 8Ohm 0.5W 92dB

CUSTOMER Ref.NO. \_\_\_\_\_

APPROVED BY	CHECKS BY	ISSUED BY

		DATE	CUSTOMER S SIGNATURE	REMARK
<b>FULL APPROVED</b>				
<b>CONDITIOAL APPROVED</b>				
<b>REJECTED</b>				



<b>Cover Internal Private</b>	Item No.	CO-20110506011
	Customer No.	
Φ 40 80hm 0.5W magnetic plastic shell Speaker	Version	Page 1
	1. 00	

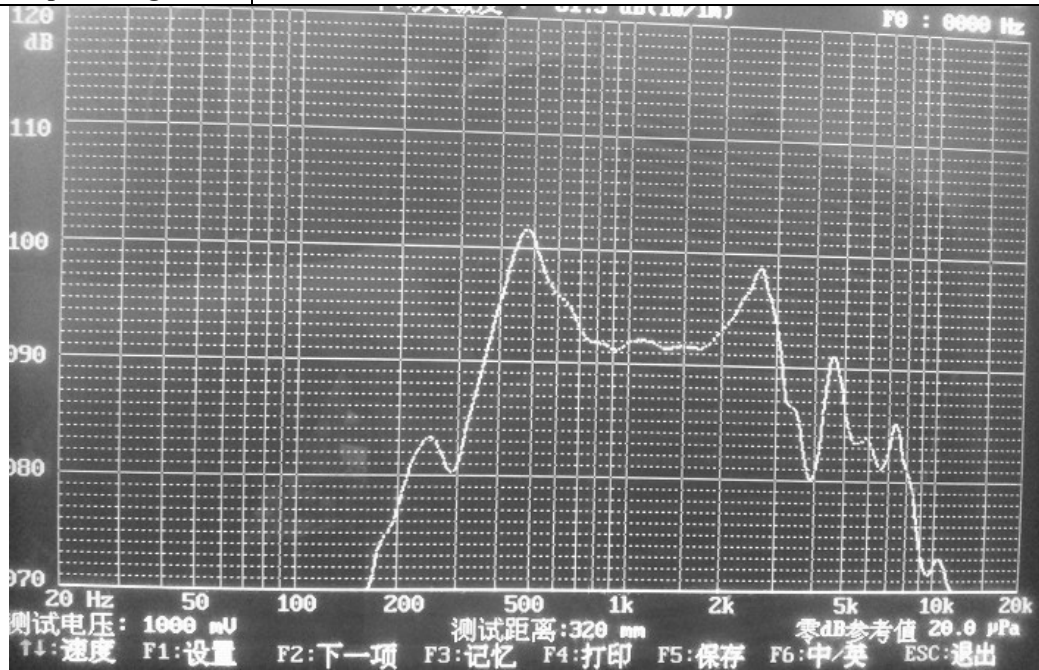
## Catalogue

- 一. General Performance
- 二. Environmental Performance
- 三. Reliability Performance
- 四. External Dimension
- 五. Material list and ingredients
- 六. Standard of Appearance of test
- 七. Specification of Product Part No. code
- 八. Manual welding temperature
- 九. Storage and working conditions
- 十. Manufacturer and Origin
- 十一. Standard of packing

<b>Cover Internal Private</b>	Item No.	CO-20110506011
	Customer No.	
<b>Φ 40 8Ohm 0.5W magnetic plastic shell Speaker</b>	Version	Page 2
	1.00	

一. General Performance

Type	Φ 40 8 欧 0.5W
Impedance	8±20% at 1 kHz
Sensitivity	92±2dB
Frequency response (F0)	450Hz-550Hz
Test equipment	JH6160(R)
Input voltage	1.5V



二. Environmental Performance

Working temperature	-20°C to +60°C
Working humidity	30%~75%RH (NO dew condensation)
Preservation temperature	-20°C to +50°C
Preservation humidity	20%~80% (Water vapor pressure 6643pa Max)
Storage period	1 year
Defective products	10ppm Max

<b>Cover Internal Private</b>	Item No.	CO-20110506011
	Customer No.	
Φ 40 80hm 0.5W magnetic plastic shell Speaker	Version	Page 3
	1.00	

### 三. Reliability Performance

Performance	Item	Condition	requirement	equipment
Electric Performance	High-temperature performance	60℃±2℃ 3hours	Non-Deforming	Oven
	Low-temperature performance	-20℃ 3hours	Non-Deforming	Refrigerator
	Cold and hot shock	-20℃-60℃ seperate 30minutes, temprature rise and down within below10Min 。 50 times circulation	Non-Deforming	Oven 、 Refrigerator
	Wet and heat resistance	Temperature 60±2℃ humidity: 80%30hours	Non-Deforming	Humidifying oven
Welding Performance	Weldability	Electric iron temperatue: 300±5℃ 2.5±0.5seconds		Electric iron
	Wrlding heat resistance	At Electric iron 300±5℃ tin wire 2.5sec.		Reflow
Mechanical Performance	Vibration	Vibrational frequency: 10-45HZ; range: 1mm accelerated speed: 10G;vibration speed 10~45~10HZ; X,Y,Z vibration time per 1hour	Still working well	External
	Drop	From 75±5CM height to 2CM thickness wood board 3 times		Self-made

**\*Above Electric Performance equipment is 200B,1 hour after inspect then can test.**

<b>Cover Internal Private</b>	<b>Item No.</b>	<b>CO-20110506011</b>
	<b>Customer No.</b>	
<b>Φ 40 80hm 0.5W magnetic plastic shell Speaker</b>	<b>Version</b>	<b>Page 4</b>
	<b>1.00</b>	

**四.External Dimension**

<b>Item Name</b>	<b>Size (mm)</b>
<b>External diameter of speaker</b>	<b>40±0. 3mm</b>

<b>Item Name</b>	<b>Size (mm)</b>
<b>Height of speaker</b>	<b>4.5 ± 0. 3mm</b>



<b>Cover Internal Private</b>	Item No.	CO-20110506011
	Customer No.	
Φ 40 80hm 0.5W magnetic plastic shell Speaker	Version	Page 5
	1.00	

### 五. Material list and ingredients

Material Name	Material No.	Ingredients	Composition (%)	Supplier	Remarks
Shell	HY0000020	ABS	60	Chuan yang	40-1
Splint	HY0000016	lamina	7	Fan Shi Electric factory	
Magnetic steel	HY0000020	NdFeB	25	Xin Lin Magnet factory	9.5*1.5
Circuit board	HY0000016	Sliver plating	5	Wei Jia Jia Factory	A401
Diaphragm	HY0000059	PET	2	Ling Da Electric factory	Imported material
Vocie coil	HY0000072	Enamelled wire	1	Yong Jun Voice Factory	

### 六. Standard of Appearance of test

Inspect item		Important grade	Sampling standard	Inspection method	Inspection standard
Apperance	Welding tin	A	G-II,AQL=0.25	With eyes	Not turn to yellow,no spot
	Shell	B	G-II,AQL=0.25	With eyes	No serious color difference, no obvious scratch
	Product marking	B	G-II,AQL=0.01	With eyes	Marking must clear,type and content same as contract

### 七. Specification of Product Part No. code

**CO-20110506011**

↓                      ↓                      ↓  
 Company code    Date                      Grade

### 八. Manual welding temperature

Manual welding temperature  $300 \pm 5^{\circ}\text{C}$ , welding time  $1 \pm 0, 5\text{S}$ .  $\Delta f/f < 10\text{ppm}$ ,  $\Delta \text{RS} < 10\%$

<b>Cover Internal Private</b>	Item No.	<u>CO-20110506011</u>
	Customer No.	
<b>Φ 40 8Ohm 0.5W magnetic plastic shell Speaker</b>	Version	Page 6
	1.00	

九. Storage and working conditions

1, Storage Condition

(1) Storage Temperature:-20℃+60℃

(2) Storage Wet:71%以下

(3) Storage Period:within 1 years.Over 1 years,before use pls check the weldability.

Remarks:there is no acidity or alkaline or other chemically corrosive gas in the air,direct sunlight is not allowed.

2,working condition:environment temperature;-20℃+60℃

Relative humidity:when 40℃ not over than 75%

3,Mechanical durability or working life of individual design ≥1年

十. Manufacturer and Origin

Customer No.: \_\_\_\_\_

Product Name: magnetic plastic shell Speaker

Type : **Φ 40 8Ohm 0.5W**

Packing: Paper Ctn

N.W: 11KG G.W: 12KG

十一. Standard of packing

<u>Standard packing</u>	SHIPPING MARK	<u>Lable</u>
<u>Outer packing</u>	<u>Paper ctn</u>	
<u>Inner packing</u>	<u>Foam box</u>	

1, Qty/foam box: 200PCS

2, Qty/outer ctn: 2000PCS

3, N.W: 11KG G.W: 12KG