

SPECIFICATION FOR APPROVAL

承认书

Customer (客户) : _____

Product Name (产品名称) : Micro Dynamic Speaker

Zhenmei Part No. (臻美型号): MIML2338AS-008-01

Specification (臻美规格) : 8 Ω 1W

Customer's Model No. (客户型号): _____

Specification No. (规格书编号): MI-PS-19121101

Number of the edition (版本号) : A0

CUSTOMER'S APPROVED SIGNATURE 客户承认盖章		



臻美智能电子
zhen mei smart electronics

广东臻美智能电子科技有限公司

Guangdong zhenmei intelligent electronic technology co., ltd.

地址:广东省东莞市塘厦镇华新智慧工业园华新路 22 号

TEL: 400-659-1989 FAX:0769-82196690

Http: www.zhenmeigd.com

E-MAIL: sales888@zhenmeigd.com

Approved by 核准	Checked by 审核	Issued by 制成

SPECIFICATION FOR APPROVAL 承认书	PAGE NO. 页码	2/7
	PART . NO. 产品型号	MIML2338AS-008-01

1.使用范围 (Scope)

此份规格书是针对多媒体产品内，所使用的微型扬声器单体所提出的报告。

This specification covers our product of miniature speaker unit for multimedia product.

2.标准测试条件(Test condition)

一般规格试验状态（特殊要求除外）：常温 5~35℃，常湿 45%~85%，气压 860~1060hPa.

判定上有疑问时，试验状态为：温度 20±2℃，相对湿度 60%~70%，气压 860~1060 hPa.

The test conditions unless otherwise specified should be normal temperature 5 to 35 ℃,Normal humidity 45 to 85% and normal atmospheric pressure 860 to 1060 hPa,However,if there arises a doubt in judgment,the test conditions shall beas follows:

Temperature 20±2℃

Humidity 60%~70%

Atmosphere 860~1060 hPa

3.电声特性 (ELECTRO-ACOUSTIC CHARACTERISTICS)

3.1 额定阻抗(Rated Impedance):

8Ω ± 20% (AT 1.6K Hz ,1.0 Vrms)

3.2 额定输入功率(Rated Input Power)

1 Watt (At 1.83 Vrms white noise 96 Hours)

3.3 最大输入功率(Max. Input Power)

1.2Watt

3.4 最低共振频率(Resonant Frequency)

841 Hz ± 20%

3.5 输出音压(Output S.P.L)

86± 3dB (1.0 Watt , 0.5 Meter. Average at 0.8K,1.0K,1.5K,2.0K Hz)

3.6 实效频率范围(Frequency Range)

Fo ~ 20KHz (By Output S.P.L. -10dB)

3.7 失真率(Distortion)

Less than 5% (At 1.6KHz , 2.83 Vrms)

3.8 工作温度(Operating Temperature)

-25℃ ~ +50℃

3.9 储存温度(Storage temperature)

-25℃ ~ +55℃

SPECIFICATION FOR APPROVAL**承认书**

PAGE NO.

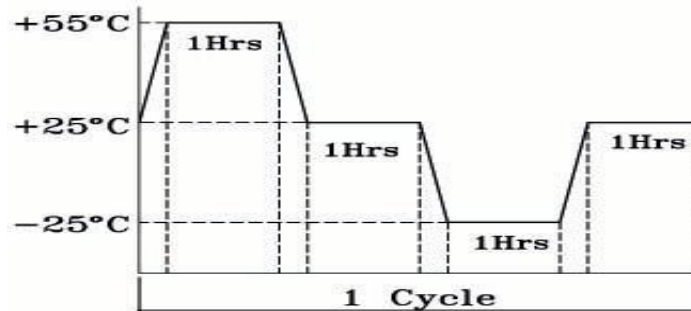
页码

3/7

PART . NO.

产品型号

MIML2338AS-008-01

4.可靠性测试 (Reliability Test)**4.1 高低温差循环测试(Temperature Cycling Test)**

A	Low Temperature (-25°C±3°C)	
B	High Temperature (+55°C±3°C)	
C	Number of Cycle (3 Cycles)	
D	Duration of Exposure 1 Hours, at Each Temperature Extremes	
E	Duration of Recovery 1 Hours	

4.2 抗湿度试验(Humidity Test)

A	相对湿度(Relative Humidity)	90-95% at + 40°C ± 3°C
B	测试时间(Durations)	96 Hours
C	恢复时间(Durations of recovery)	6 Hours

4.3 连续负载测试(Load Test)

White Noise Without Weighted Filter 3.46 Volts.(RMS) 24 Hrs.

4.4 跌落试验(Drop Test)

75 cm Free Falling On Concrete Floor, 10 Times.

4.5 异常音测试(Buzzes & Rattles)

Sine wave between at 3.46Vrms / 200~5000Hz

4.6 极性测试(Polarity test)

Diaphragm Shall Move Forward When Apply a Positive DC. Current to the “+”or “Marked” Terminal.

SPECIFICATION FOR APPROVAL

承认书

PAGE NO.

页码

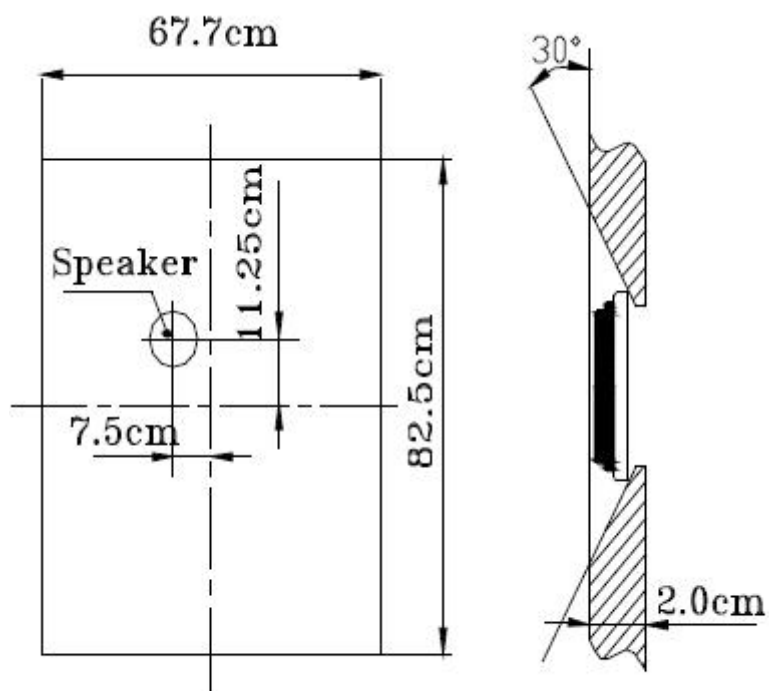
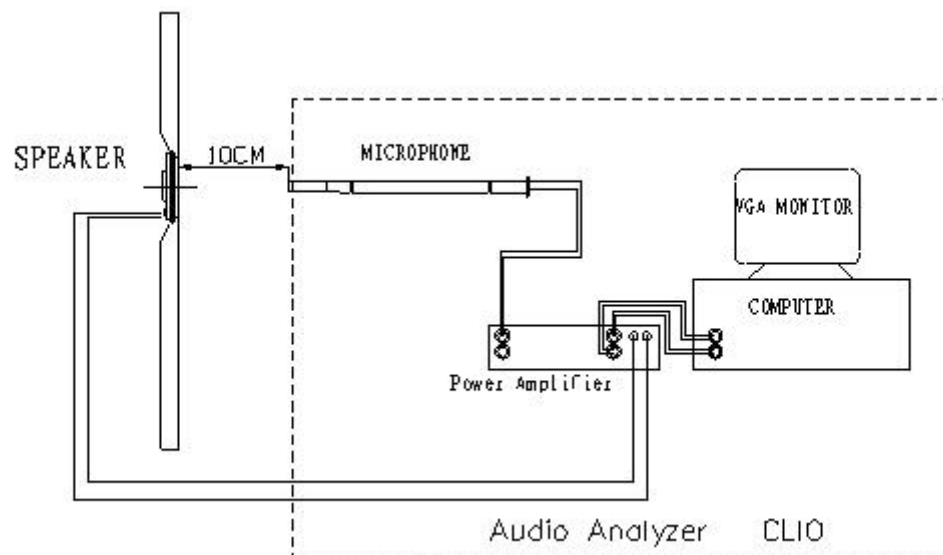
4/7

PART . NO.

产品型号

MIML2338AS-008-01

5.测量方式 (Measurement Method)



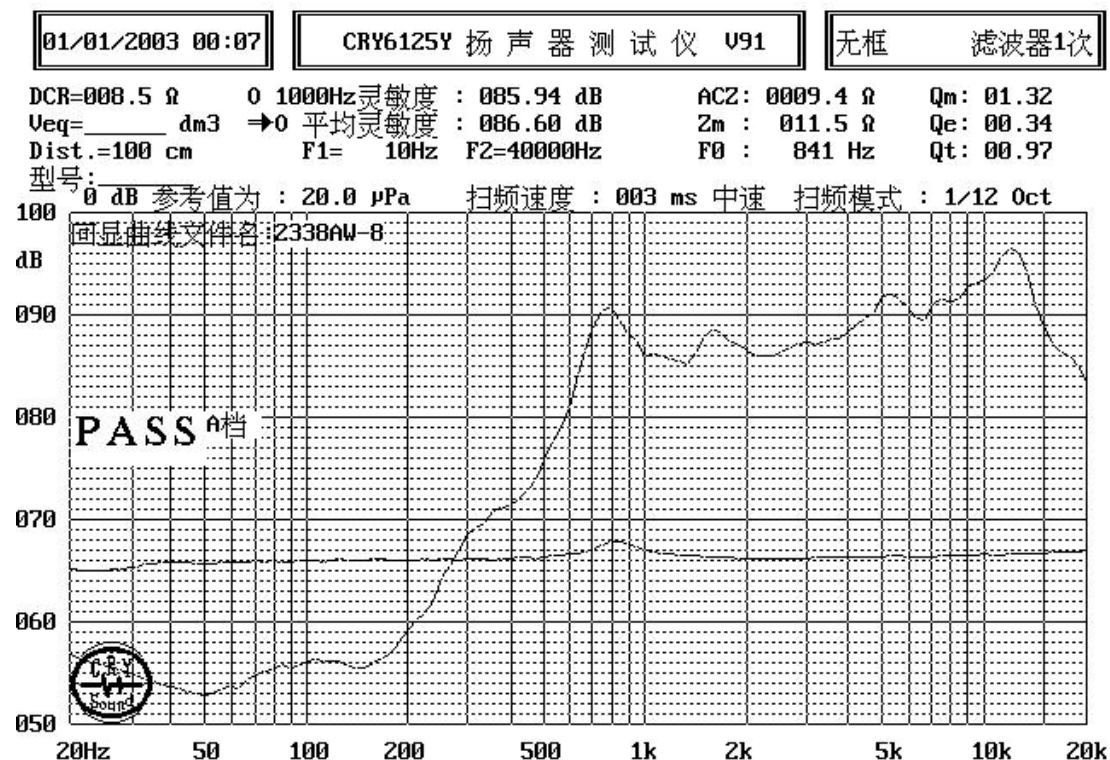
承认书

页码

5/7

产品型号

MIML2338AS-008-01



SPECIFICATION FOR APPROVAL

承认书

PAGE NO.

页码

6/7

PART. NO.

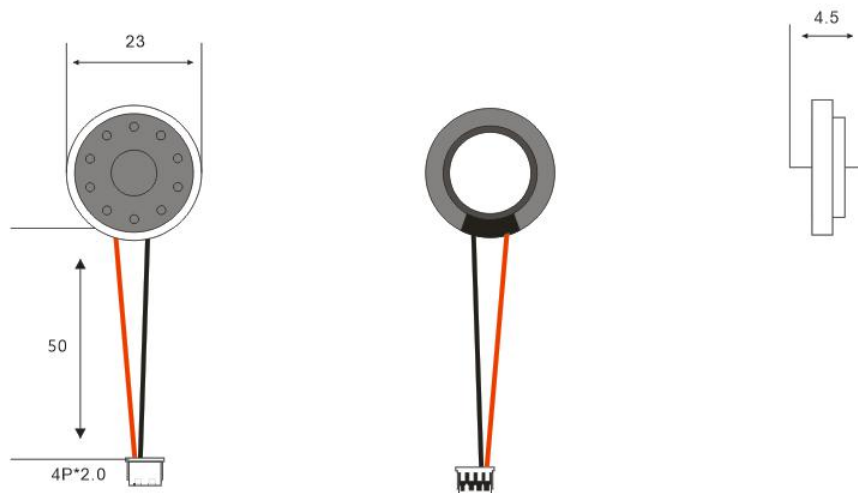
产品型号

MIML40A008001-01

7. 喇叭外观描述

(Unit:mm tolerance:±0.3)

23喇叭尺寸图



注:

单位:MM

允差:±0.3

正极: 红色线

负极: 黑色线

SPECIFICATION FOR APPROVAL
承认书

PAGE NO.
页码

7/7

PART . NO.
产品型号

MIML40A008001-01

8.包装示意图(Packing Standard):
(Unit:cm tolerance:±3)

PACKING STANDARD:

