

SPECIFICATION FOR APPROVAL

承认书

Customer (客户) : _____

Product Name (产品名称) : _____ 微型扬声器

Zhenmei Part No. (臻美型号): _____ MIML2350HAW-008

Specification (臻美规格) : _____ 23*H5 (2.0 端子)

Customer's Model No. (客户型号): _____

Specification No. (规格书编号): _____ XA2350AS-50GB

Number of the edition (版本号) : _____ A1

CUSTOMER'S APPROVED SIGNATURE 客户承认盖章		



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Approved by 核准	Checked by 审核	Issued by 制成
		JCF

承认书

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 °C,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 be as 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):**

50.0Ω ± 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)

1500 Hz ± 20%

3.5 输出音压(Output S.P.L)

84± 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℃

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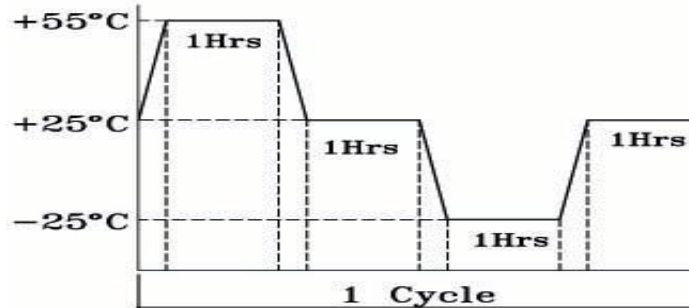
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4.可靠性测试 (Reliability Test)

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	恢覆时间(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.

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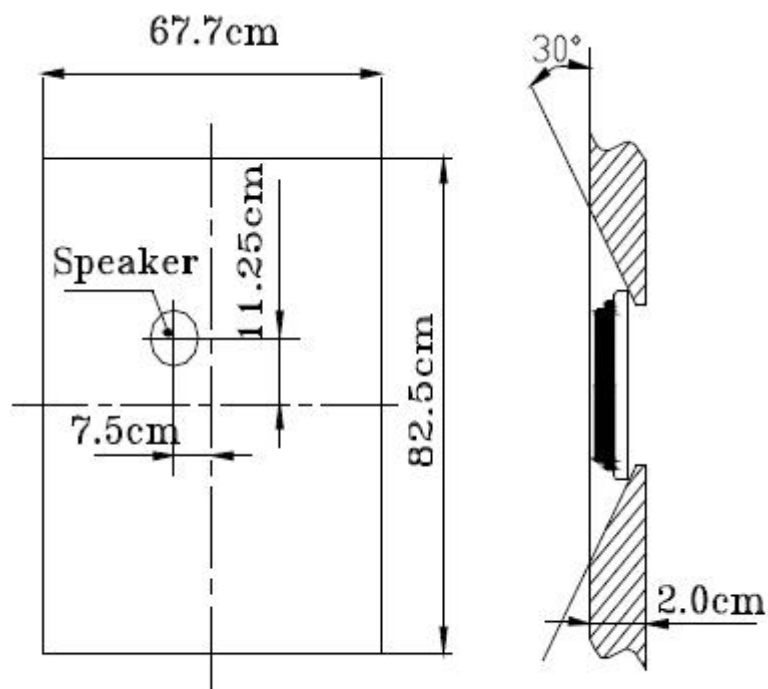
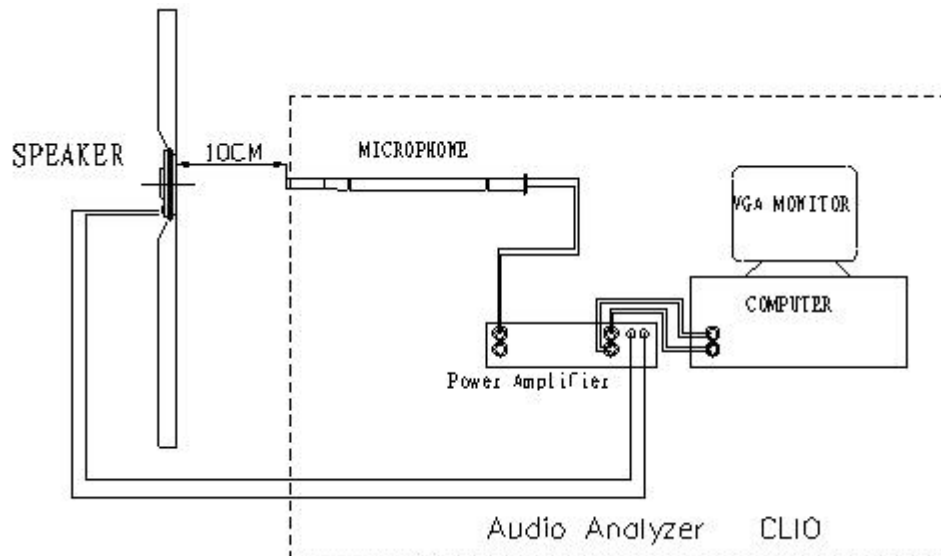
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5.测量方式 (Measurement Method)



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6. 频率回应曲线图(Frequency Response Curve)

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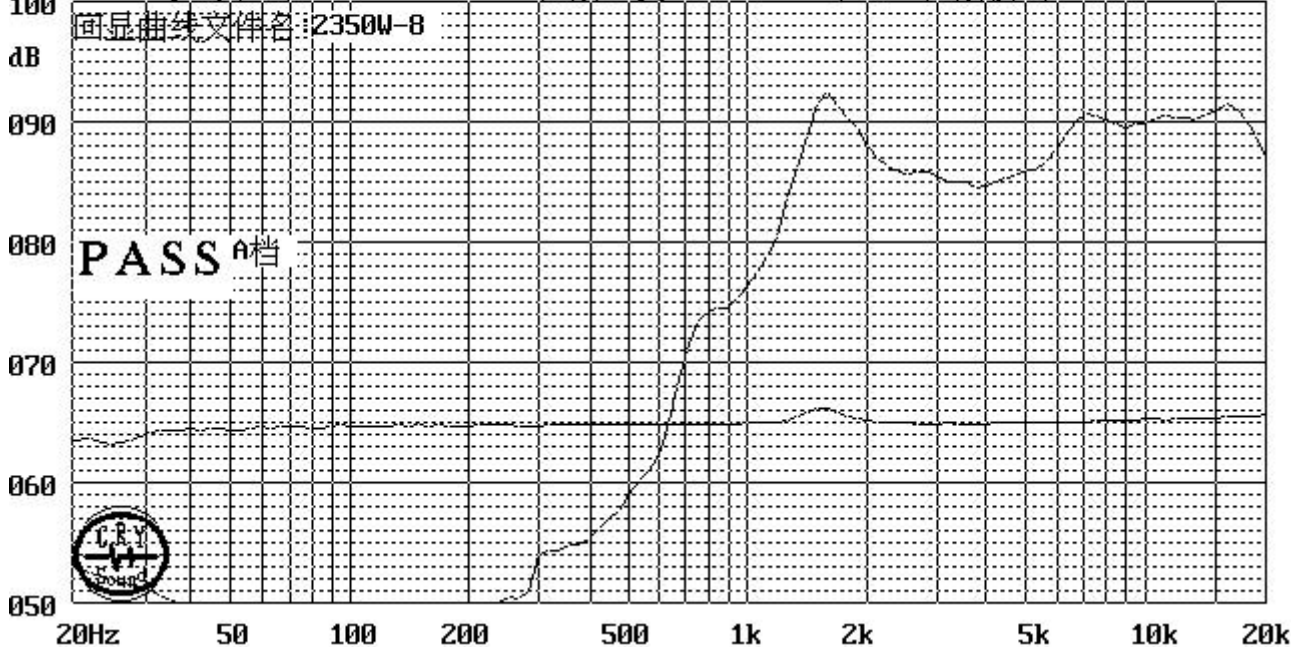
CRY6125Y 扬声器测试仪 V91

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滤波器1次

DCR=008.0 Ω 0 1000Hz灵敏度 : 076.18 dB ACZ: 0008.0 Ω Qm: 04.14
 Veq=_____ dm3 \rightarrow 0 平均灵敏度 : 084.46 dB Zm : 009.5 Ω Qe: 00.65
 Dist.=100 cm F1= 10Hz F2=40000Hz F0 : 1500 Hz Qt: 03.48

型号: _____
 0 dB 参考值为 : 20.0 μ Pa 扫频速度 : 003 ms 中速 扫频模式 : 1/12 Oct



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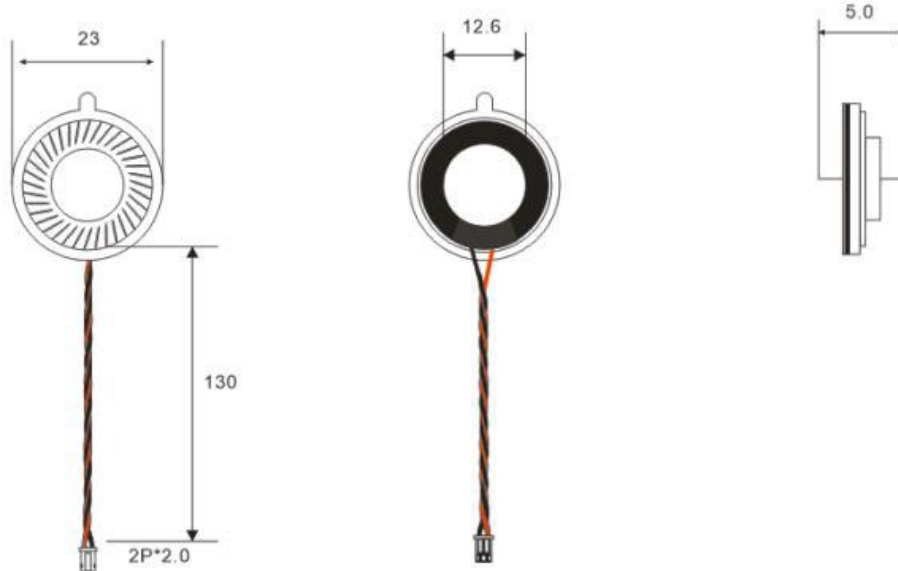
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8. 喇叭外观描述

(Unit:mm tolerance:±0.3)

23喇叭尺寸图



注:
单位:MM
允差:±0.3

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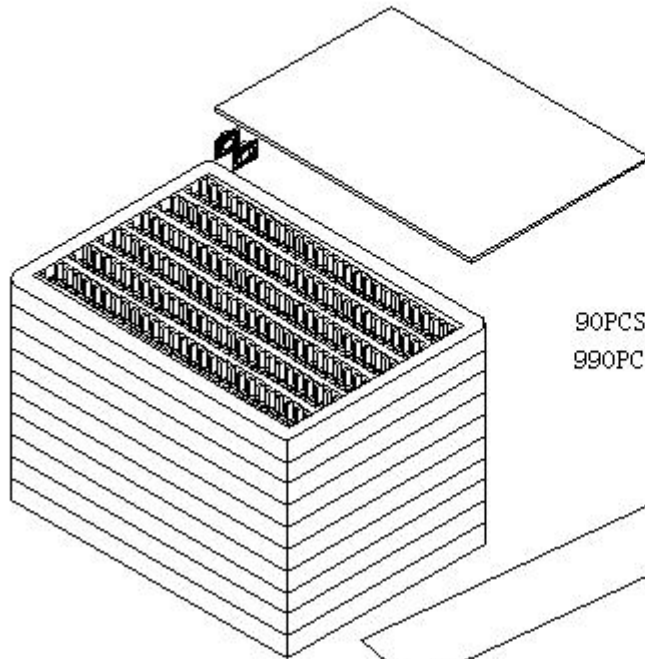
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10.包装示意图(Packing Standard):

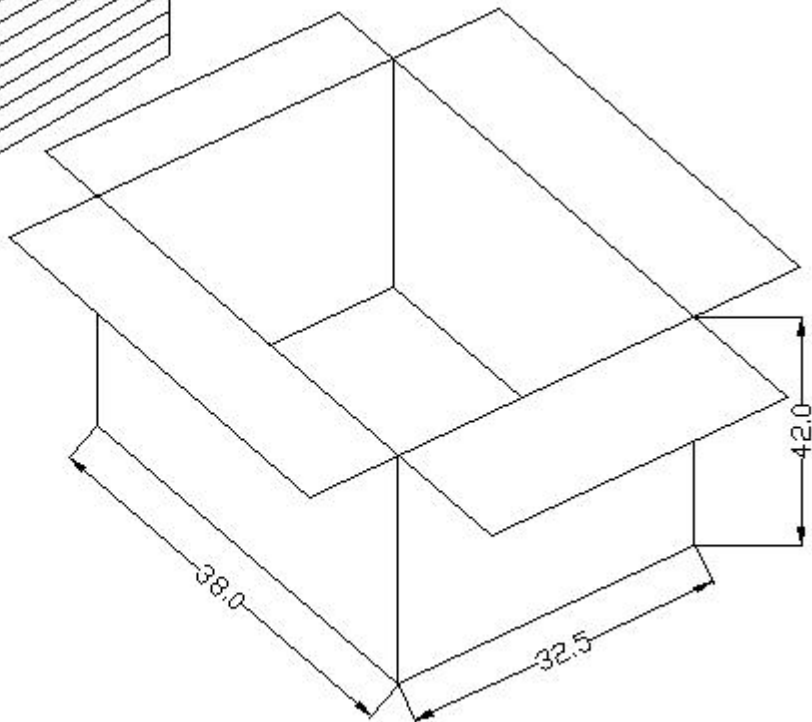
(Unit:cm tolerance:±3)

PACKING STANDARD:



90PCS SPEAKERS/1 LAYER

990PCS SPEAKERS/1 CARTON(11 LAYERS)



Unit:cm

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