

# 規格承認書

PECIFICATION FOR APPROVAL

客戶

CUSTOMER :

項目

ITEM : 腔体喇叭 側出音

型號

TYPE : GSPK1915056BOXR-6R0.8W-L50S-1.25T

描述

DESCRIPTION : L19\*W15\*H5.6mm L50mm 6ohm 0.8W S.P.L: 82dB+/- 3dB

客戶料號

CUSTOMER NO. :

規格書號

SPECIFICATION NO.:

版本

EDITION NO. : V1.0

日期

DATE : 2023-9-20

## 客戶承認

### CUSTOMER CONFIRM AND SIGN

檢查 TESTED BY	審核 CHECKED BY	承認 APPROVED BY

## 東莞市贏海電子有限公司

### DONGUAN INGHAIELECTRONICS CO.,LTD

製作 ISSUED BY	審查 CHECKED BY	確認 APPROVED BY
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## 產品規格內容 (SPECIFICATION)

### 1. 使用範圍 (Scope)

此份規格書是針對多媒體產品內，所使用的微型揚聲器單體所提出的報告。

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. 電聲特性 (ELECTRO-ACOUSTIC CHARACTERISTICS)

#### 3.1 額定阻抗 (Rated Impedance):

6.0Ω ± 15% (AT 1.6K Hz , 1.0 Vrms)

#### 3.2 額定輸入功率 (Rated Input Power)

0.8 Watt (At 2.53 Vrms white noise 24 Hours)

#### 3.3 最大輸入功率 (Max. Input Power)

1.0 Watt

#### 3.4 最低共振頻率 (Resonant Frequency)

880 Hz ± 20%

#### 3.5 輸出音壓 (Output S.P.L)

82 ± 3dB (1.0 Watt , 0.1 Meter. Average at 1.5K, 2.0K, 2.5K, 3.0K Hz)

#### 3.6 實效頻率範圍 (Frequency Range)

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

#### 3.7 失真率 (Distortion)

Less than 5% (At 1.6KHz , 2.53 Vrms)

#### 3.8 工作溫度 (Operating Temperature)

-25℃ ~ +50℃

#### 3.9 儲存溫度 (Storage temperature)

-25℃ ~ +55℃

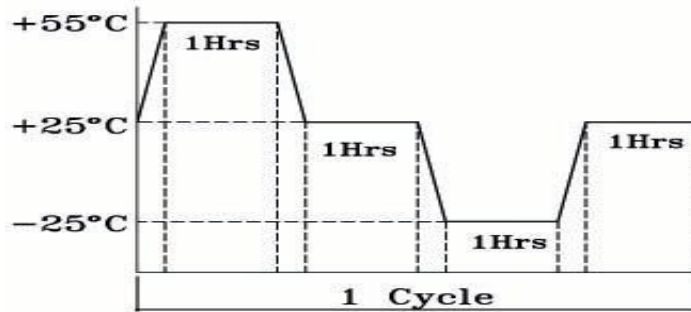
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### 4. 可靠性測試 (Reliability Test)

#### 4.1 高低溫差循環測試(Temperature Cycling Test)



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

#### 4.2 抗濕度試驗(Humidity Test)

<b>A</b>	相對濕度(Relative Humidity)	90-95% at + 40°C ± 3°C
<b>B</b>	測試時間(Durations)	96 Hours
<b>C</b>	恢覆時間(Durations of recovery)	6 Hours

#### 4.3 連續負載測試(Load Test)

White Noise Without Weighted Filter 2.53 Volts.(RMS) 24 Hrs.

#### 4.4 跌落試驗(Drop Test)

75 cm Free Falling On Concrete Floor, 10 Times.

#### 4.5 異常音測試(Buzzes & Rattles)

Sine wave between at 2.53 Vrms / 50~5000Hz

#### 4.6 極性測試(Polarity test)

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

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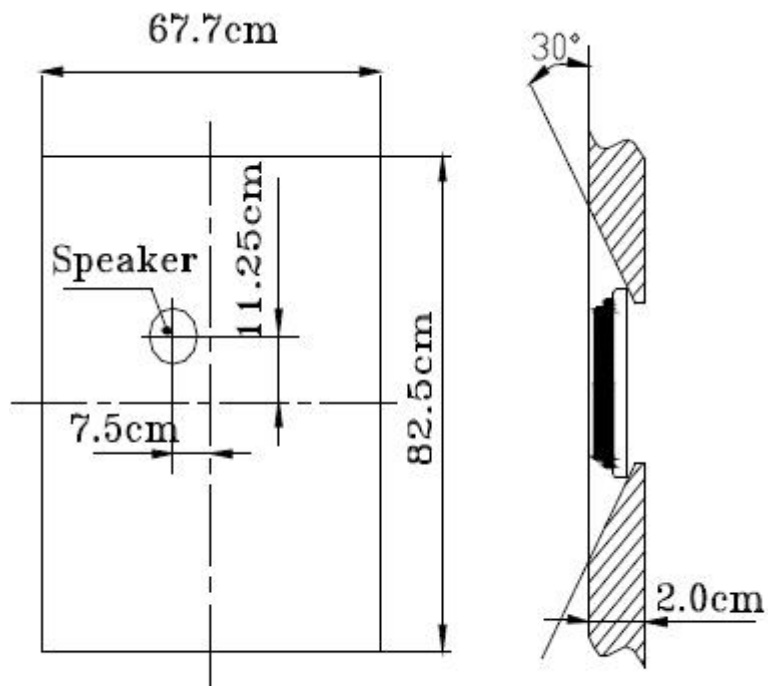
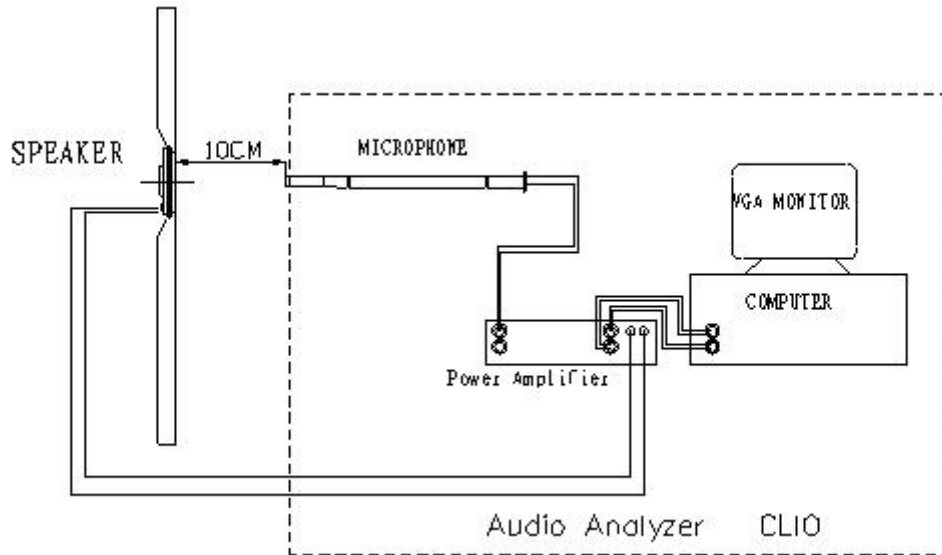
Date

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### 5.測量方式 (Measurement Method)



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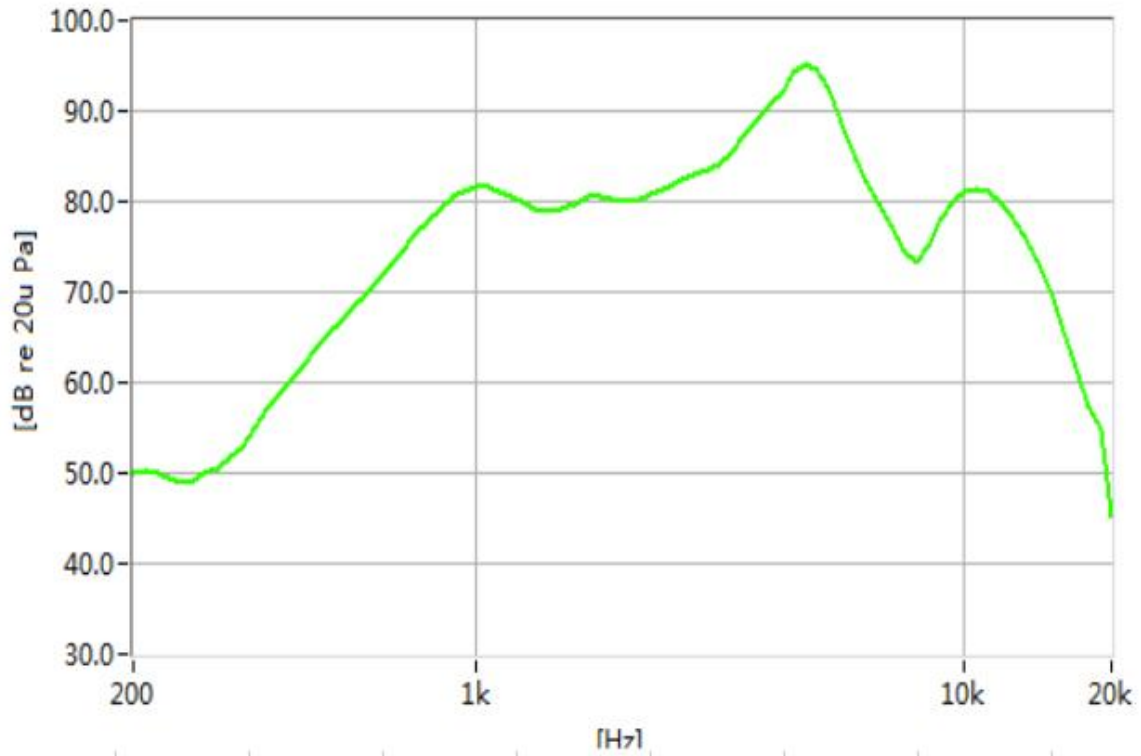
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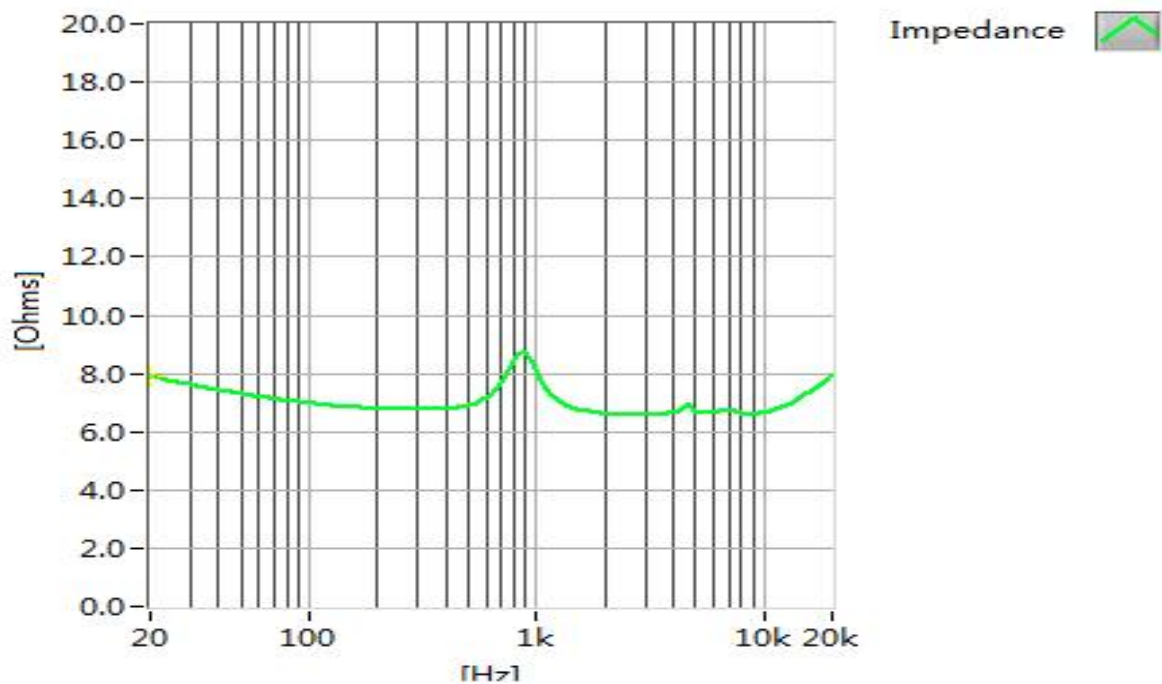
### 6. 頻率響應曲線圖(Frequency Response Curve)

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### 7. 阻抗曲線圖(Impedance Curve)

阻抗

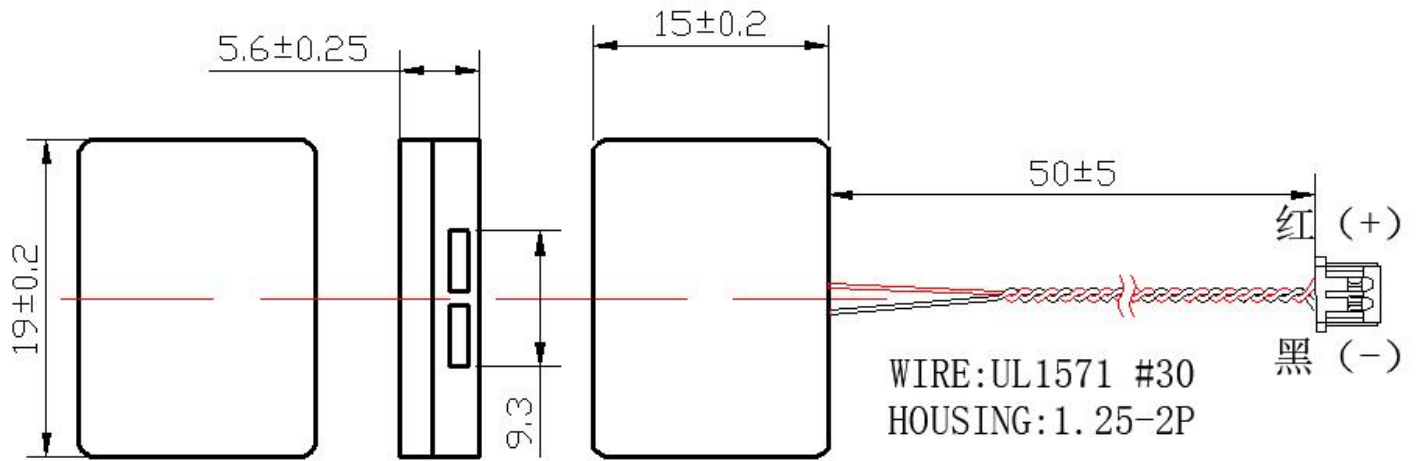


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## 8. 喇叭外觀描述

(Unit:mm tolerance:±0.3)



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## 10. 包裝示意圖(Packing Standard):

(Unit:cm tolerance:±3)

按客户要求包装

