



请承认书

Version No. : V2.0

常州昊翔电子有限公司
 Changzhou HaoXiang Electronic Co., LTD
 客户名称
 CUSTOMER NAMED : _____
 产品名称
 COMMODITY : Speaker
 产品型号
 MODEL NO : TDA-R37CC8I16
 客户料号
 PART NO : _____

| | | | |
|----|----|----|-----------------|
| 审核 | 秦皓 | 主办 | 唐俐雅 Sept.3,2018 |
|----|----|----|-----------------|

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|-------|--|----|--|
| 客户承认栏 | | | |
| 承认 | | 拒收 | |
| | | | |

常州昊翔电子有限公司

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A. MODEL: TDA-R37CC8I16

B. SPECIFICATION

Test condition: Temperature: 15~35°C Related Humidity:25~75% (GB/T9396-1996)

| No. | Item | Specification | Condition |
|-----|-----------------------------|--|---------------------------------|
| 1 | Dimension | Ø37xH16.5mm | |
| 2 | DC Resistance | 7.4±15% Ω | At 20°C |
| 3 | Impedance | 8±15% Ω | At 20°C |
| 4 | Resonant Frequency | 400± 15%Hz | |
| 5 | Output Sound Pressure Level | 72±2dB(0.1Watt / 1.0Meter) | Average at1K Hz |
| 6 | Frequency Range | F0---17KHz | Average SPL 10 db. |
| 7 | Power Rating | Normal: 0.3 Watts Maximum: 0.5Watts | Sine Wave |
| 8 | Operating temperature | - 40 ~ + 90°C | |
| 9 | Storage temperature | - 40 ~ + 90°C | |
| 10 | Abnormal Sound test | Must be Normal Tested By 1.55 Vrms | Sine Wave,no buzzes and rattles |
| 11 | Load Test | 0.2W 96H | White Noise |
| 12 | RoHS | The Speaker is RoHS compliant. | |

C.ENVIRONMENT TEST

| No. | Item | Condition | Evaluation standard |
|-----|------------------|--|--|
| 1 | High Temperature | After being placed in a chamber at +90±3°C for 96 hours | Being placed for 4 hours at room temperature, speaker shall be measured. SPL should not deviate by ± 3 db, and resonant frequency should not deviate by ± 80 Hz, compare with pre-test measurement. |
| 2 | Low Temperature | After being placed in a chamber at -40 ± 3 °C for 96 hours. | |
| 3 | Humidity | After being placed in a chamber at +40 ± 3 °C and 90~95%(RH) Relative Humidity for 96 hours. | |

D. MECHANICAL CHARACTERISTICS

| No. | Item | Test condition | Evaluation standard |
|-----|-----------|---|---|
| 1 | Drop Test | Drop sample in box on 20cm thickness wood board 3 directions for 10 times, Height: 75cm | SPL shall not deviate by 3 db from pre-test measurement |

E.RELIABILITY TEST

| No. | Item | Test conditions | Evaluation standard |
|-----|-----------|--|--|
| 1 | Load test | 0.2W White noise is applied for 96hours. | Speaker should not fail after apply 1K Hz White noise rated power input (RMS), 96 hours. After test, SPL shall not deviate by 3 db from pre-test measurement |

F. MEASURING METHOD(SPEAKER MODE)

F-1.Test Condition

(a)STANDARD:

Temperature : 15 ~ 35°C

Relative humidity : 45% ~ 85%,

Atmospheric pressure : 860mbar to 1060mbar

(b)JUDGEMENT:

Temperature : 20±3°C

Relative humidity : 60% ~ 70%,

F-2.Standard Test Fixture

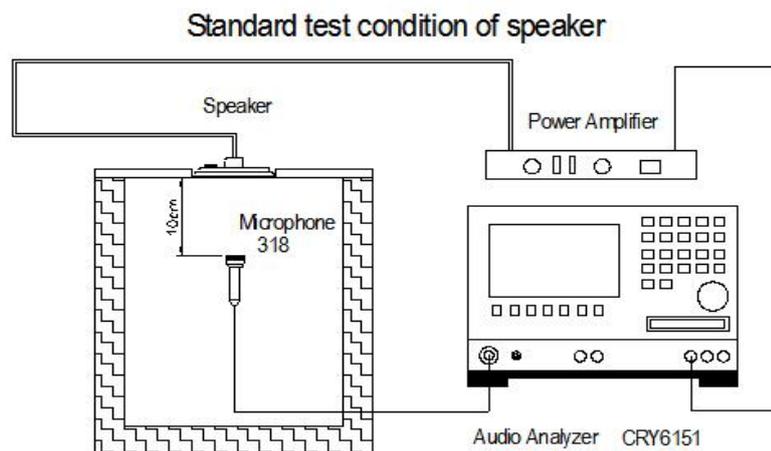
1.Input Power : 0.1W

2.Zero Level : -dB

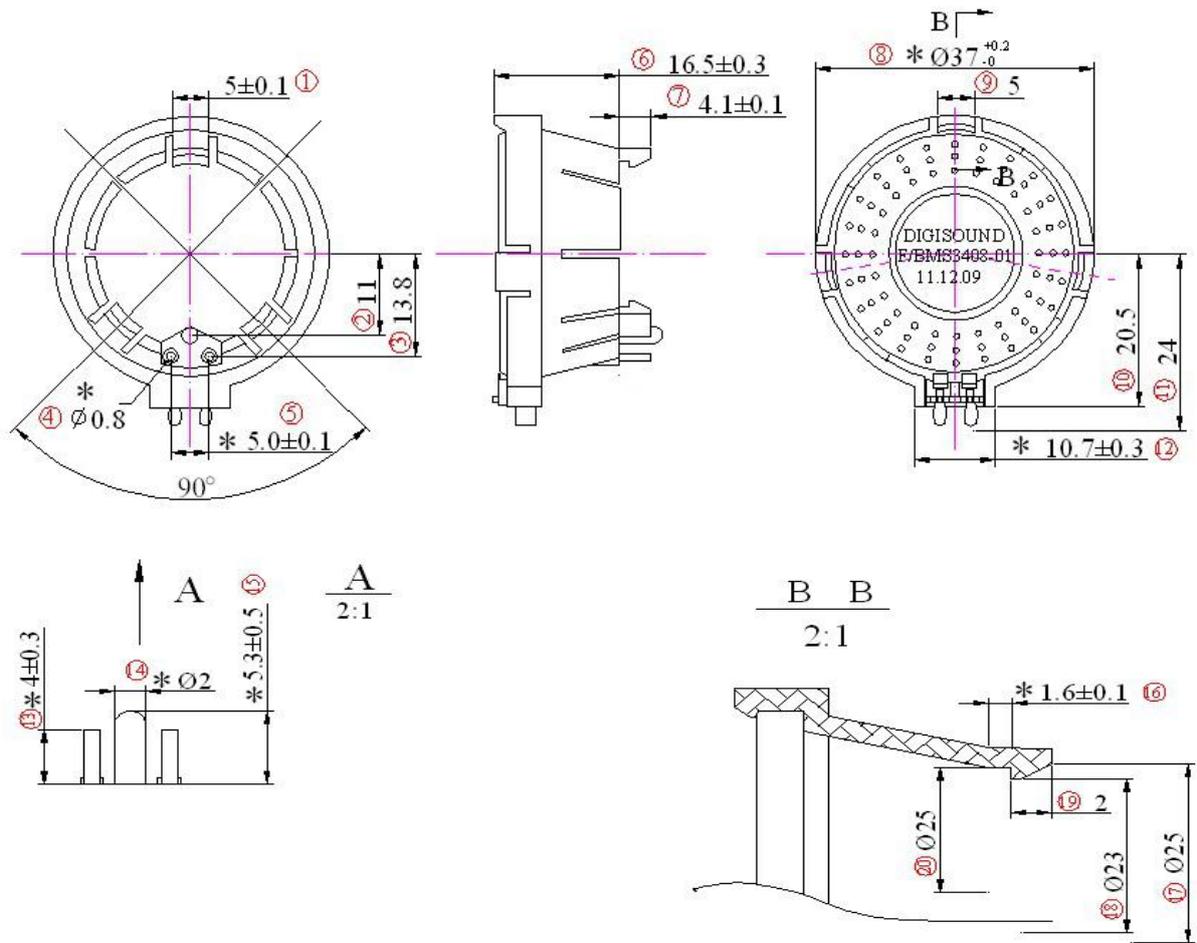
3.Mode : TSR

4.potentiometer Range : 50dB

5.Sweep Time : 0.5sec



G.APPEARANCE DRAWING



Unit:mm Tolerance : $\pm 0.5\text{mm}$

H.FREQUENCY CURVE

