



SPECIFICATION

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-5757KC4P36

客户料号

PART NO : _____

审核	秦皓	主办	潘莲 Dec.11,2019
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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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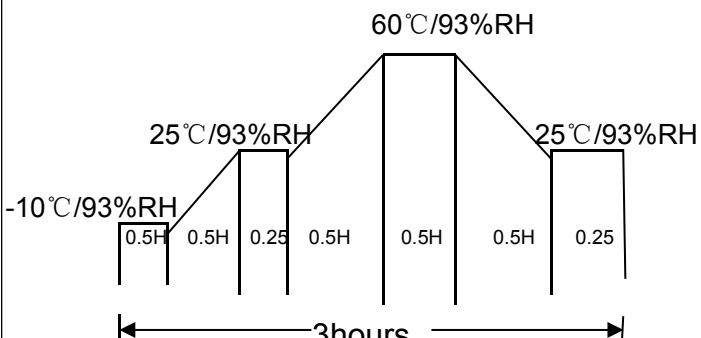
A. MODEL: TDA-5757KC4P36

B. SPECIFICATION

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

No.	Item	Specification	Condition
1	Dimension	57×57×H36mm	
2	Impedance	4±15%Ω	At 400Hz 1.0V
3	Output Sound Pressure Level	83 3dB	INPUT 1M/1.0W AT 0.8, 1.2,1.5,8k,15k,HZ
4	Response Frequency	135Hz±20%	INPUT 1.0V without a baffle
5	Frequency Range	F0~20K HZ± 20%(± 2 dB)	S.P.L -10 dB
6	Distortion	≤10%	INPUT 1.0v 1000 HZ
7	Power Rating	Normal: 5W Maximum: 10W	
8	Operating temperature	- 40 ~ +105°C	
9	Storage temperature	- 40 ~ +105°C	
10	Abnormal Sound test	4.47V	Sine Wave
11	RoHS	The Speaker is RoHS compliant.	
12	Water proof requirement	IP68	

C.ENVIRONMENT TEST

No.	Item	Condition	Evaluation standard
1	High Temperature	After being placed in a chamber at +105°C for 950 hours.	Being placed for 4 hours at room temperature, speaker shall be measured. SPL should not deviate by ± 5 dB, and nor any significant damage.
2	Humidity	Must be normal after 85°C and relative humidity 85% 1000 hours.	
3	Low Temperature	After being placed in a chamber at -40°C for 96 hours.	
4	Thermal Shock	+105°C/30min, -40°C/30min for 600 cycles.	
5	Thermal Humidity Cycle	The part shall be subjected to 240 hours. One cycle shall consist of: 	

D.RELIABILITY TEST

No.	Item	Test conditions	Evaluation standard
1	Load test	Must be normal after load test :white noise 5W 96hours.	After test, SPL shall not deviate by ± 5 dB from pre-test measurement,and nor any significant damage .

E. MEASURING METHOD(SPEAKER MODE)

E-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%,

Atmospheric pressure : 860mbar to 1060mbar

E-2.Standard Test Fixture

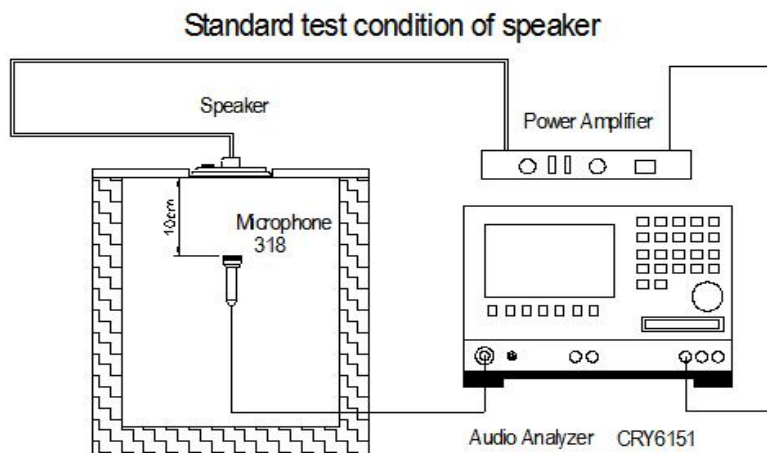
1.Input Power :1W

2.Zero Level : -dB

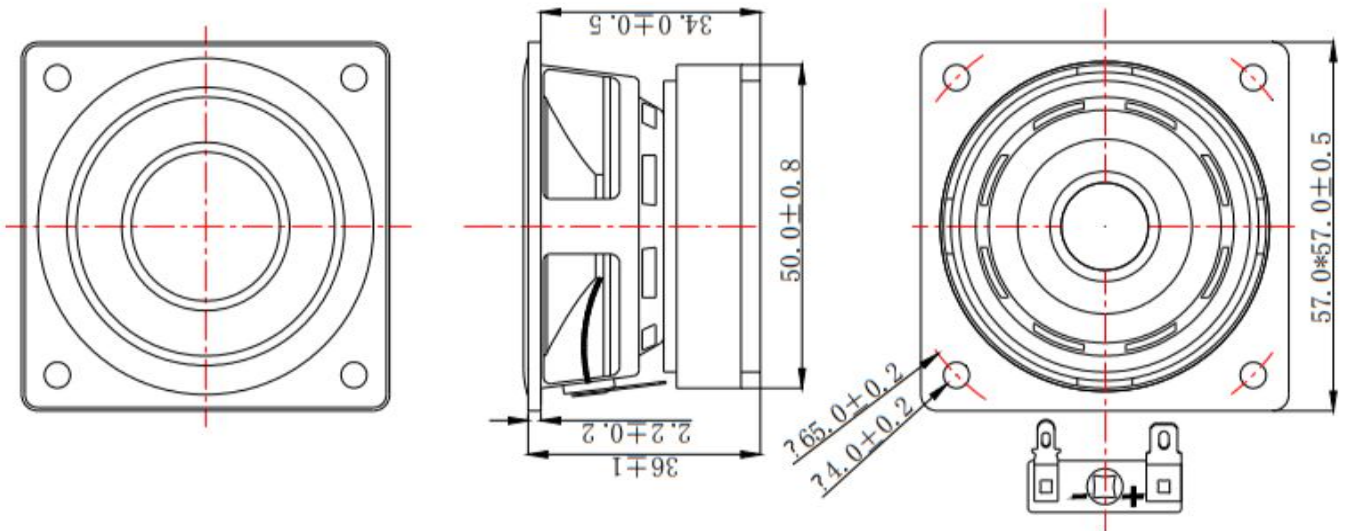
3.Mode : TSR

4.potentiometer Range : 50dB

5.Sweep Time : 0.5sec



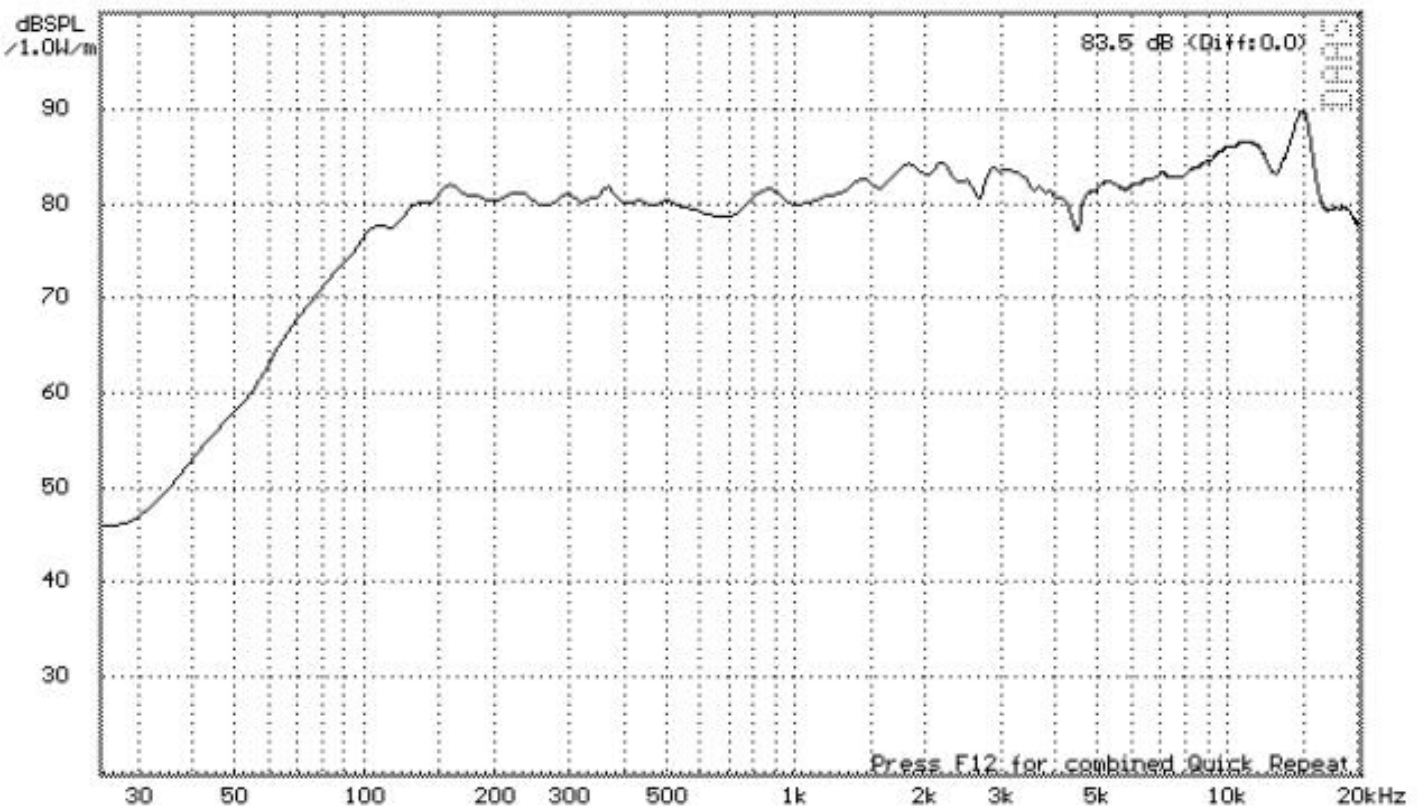
F. APPEARANCE AWING



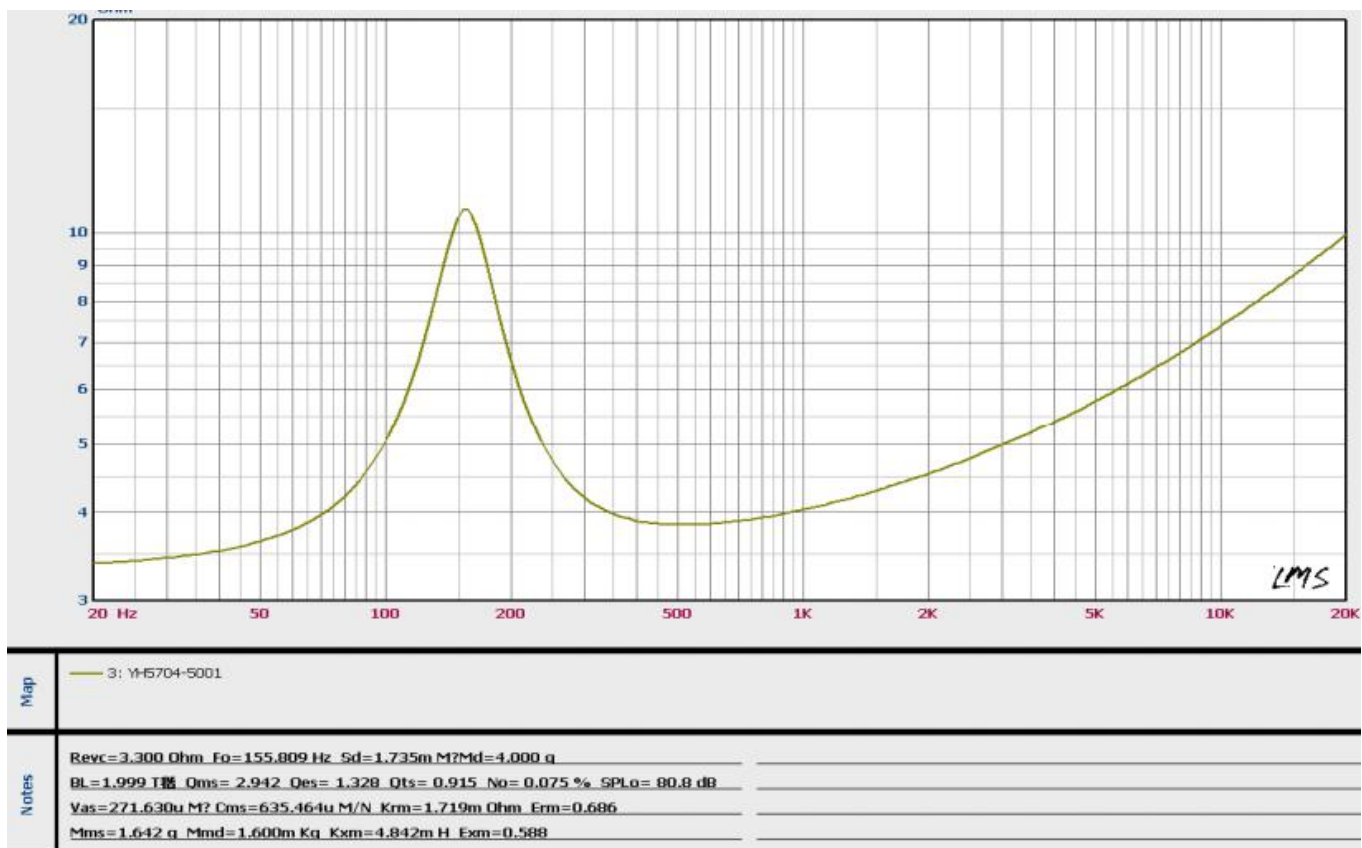
Unit:mm Tolerance : ± 0.5 mm

G. FREQUENCY CURVE

G-1. FREQUENCY CURVE



G-2. IMPEDANCE CURVE



G-3. Distortion curve

