



请承认书

Version No.: V2.6

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 box
 产品型号
MODEL NO : TDA-B7836KC4U23W30L150
 客户料号
PART NO : _____

审核	秦皓	主办	潘莲 Jan.04,2021
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客户承认栏			
承认		拒收	

常州昊翔电子有限公司

常州声翔电子有限公司

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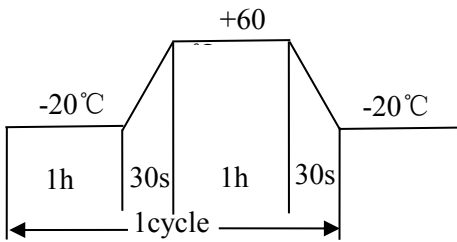
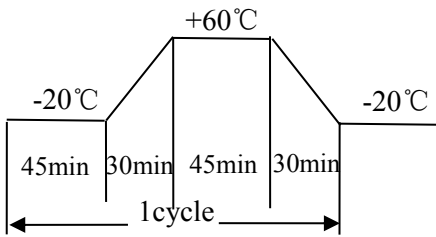
A. MODEL:TDA-B7836KC4U23W30L150

B. B. SPECIFICATION

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

No.	Item	Specification	Condition
1	Dimension	78x36xH23.5mm	
2	Impedance	4.0±20%Ω	at 1000Hz 1.0V
3	Output Sound Pressure Level	93±3dB(1Watt,0.1Meter)	At 0.8K1.0K.1.2K1.5KHz
4	Response Frequency	200±20%Hz	At 1.0V
5	Power Rating	Normal: 3W Maximum: 5W	Sine wave
6	Operating temperature	- 20 ~ + 60°C	
7	Storage temperature	- 20 ~ + 60°C	
8	Abnormal Sound test	Must be Normal Tested By3.46Volts. Sine Wave at F0~3KHz /3 second.	
9	Weight	50g	
10	Distortion	≤5%	At 1W ,0.1M,1Khz
11	Polarity	Diaphragm shall move Forward while Apply a Positive DC Signal to the “+” or “Marked” Terminal.	
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 +60±2°C for 96 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	Low Temperature	After being placed in a chamber at -20±2°C for 96 hours.	
3	Humidity	After being placed in a chamber at +40 ±2°C and 90~95%(RH) Relative Humidity for 96 hours.	
4	Heat shock test	The part shall be subjected to 5 cycles. One cycle shall be consist of: 	
5	Temperature Cycle test	The part shall be subjected to 5 cycles. One cycle shall be consist of: 	

D. MECHANICAL CHARACTERISTICS

No.	Item	Test condition	Evaluation standard
1	Drop Test	Mounted with dummy set mass:100g Height :70cm Cycle:6(each plain) onto concrete board	SPL shall not deviate by ± 5 dB from pre-test measurement, and nor any significant damage.

E.RELIABILTY TEST

No.	Item	Test conditions	Evaluation standard
1	Load test	White noise with HPF 3.46Volts. 96 Hours.	After test, SPL shall not deviate by ± 5 dB from pre-test measurement, and nor any significant damage .

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%,

Atmospheric pressure : 860mbar to 1060mbar

F-2. Standard Test Fixture

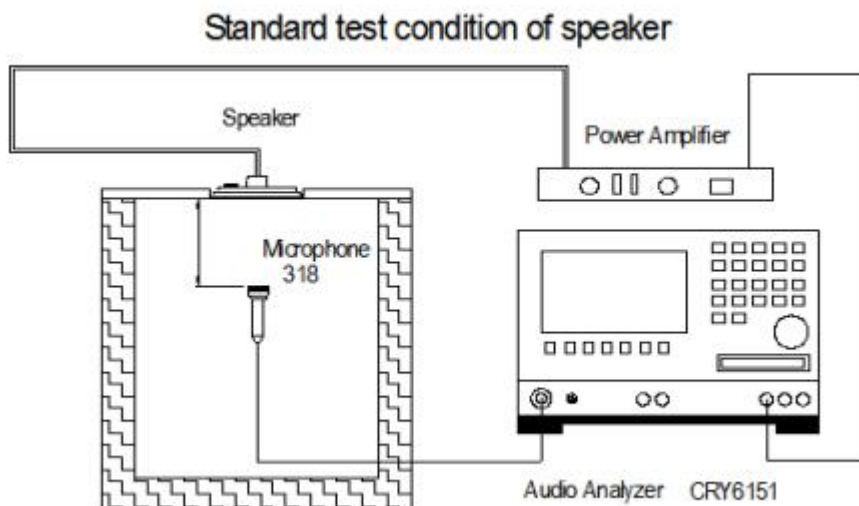
1. Input Power : 1W

2. Zero Level : -dB

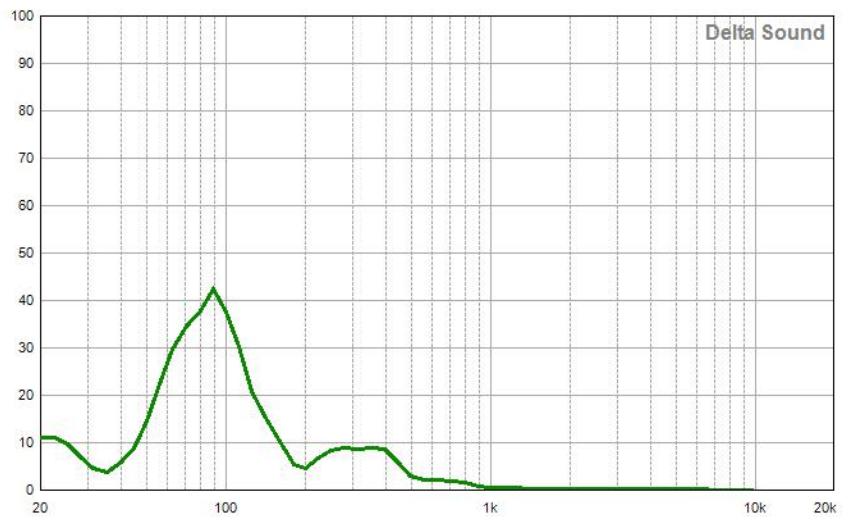
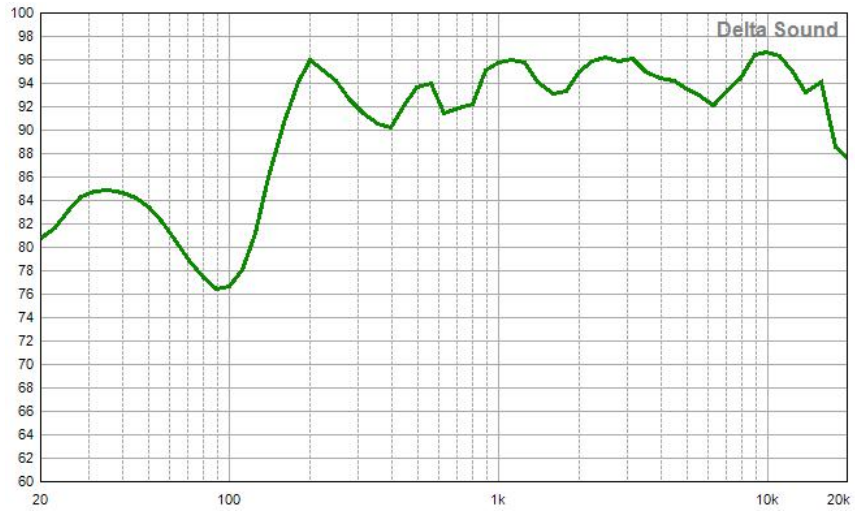
3. Mode : TSR

4. potentiometer Range : 50dB

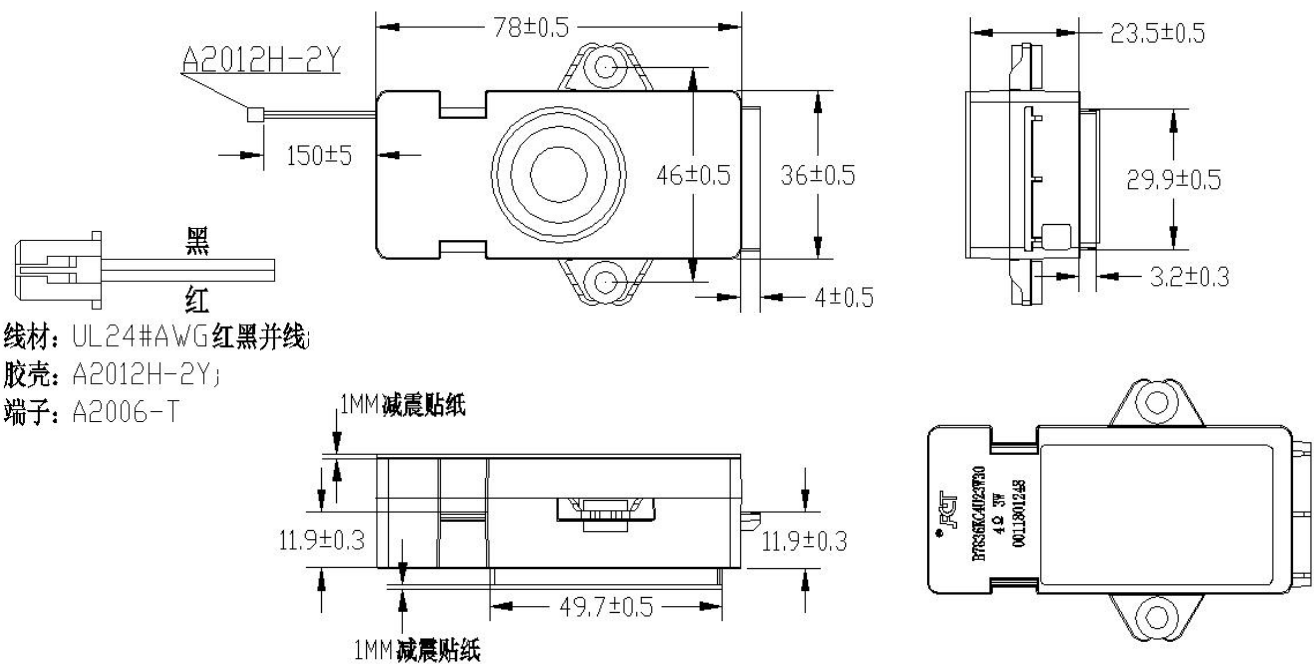
5. Sweep Time : 0.5sec



G.FREQUENCY CURVE

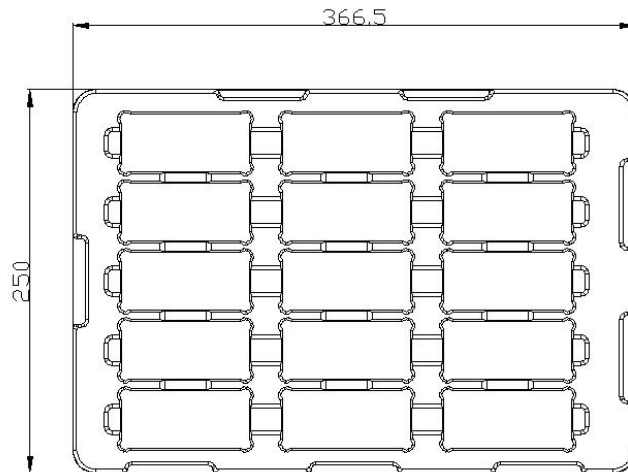


H.APPEARANCE DRAWING

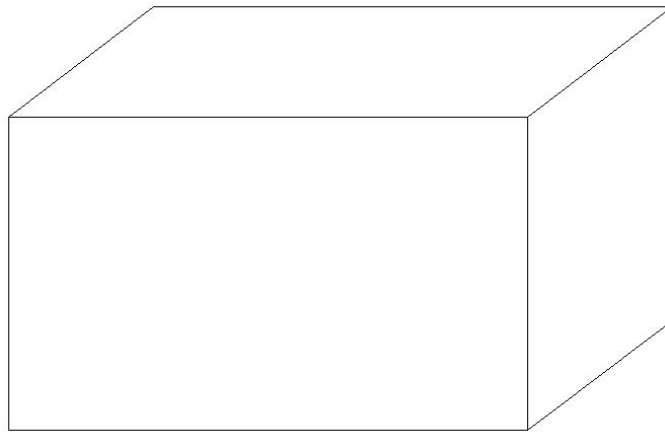


nit:mm Tolerance : ±0.5mm

I. PACKING STANDARD



15pcs/盒



包装箱：520*375*420

5 盒/摞 4 摞/箱

300pcs/箱

J. NOTICE ON PRODUCT STORAGE

a. Please store the products in room where the temperature / humidity is stable. And avoid such places where there are large temperature changes. Please store the products under the following conditions :

Temperature : -10 to +40 (degree C)

Humidity : 15 to 85% R.H.

b. Expire date (Shelf life) of the products is 6 months after delivery under the conditions of a sealed and an unopened package. Please use the products within 6 months after delivery. If you store the products for a long time (more than 6 months), use carefully because the products may be degraded in the solder-ability and/or rusty.

Please confirm solder-ability and characteristics for the products regularly.

c. Please use the products immediately after the package is opened, because the characteristics may be reduced in quality, and/or be degraded in the solder-ability due to storage under the poor condition.

