



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 NAMER** : \_\_\_\_\_  
 产品名称  
**COMMODITY** : Speaker  
 产品型号  
**MODEL NO** : TDA-W64CC8I194W05  
 客户料号  
**PART NO** : \_\_\_\_\_

审核	秦皓	主办	潘莲 Aug.16,2021
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客户承认栏			
承认		拒收	

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## A. MODEL: TDA-W64CC8I194W05

## B. SPECIFICATION

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

No.	Item	Specification	Condition
1	Dimension	Φ63.8xH19.4mm	
2	Impedance	8±15%Ω	At 1KHz
3	Output Sound Pressure Level	90±3dB(0.1W /0.1M )	At 0.8K, 1.0K, 1.5K, 2.0K Hz, in average
4	Response Frequency	310±20%Hz	At 1V
5	Frequency Range	F0 --- 10KHz	
6	Power Rating	Normal: 0.5W Maximum: 1.0W	Sine Wave
7	THD	10% Max	At 1KHz
8	Operating temperature	- 40 ~ + 105℃	
9	Storage temperature	- 40 ~ + 105℃	
10	Abnormal Sound test	2V F0 to 5KHz 3seconds/2cycles	
11	RoHS	The Speaker is RoHS compliant.	

## C.ENVIRONMENT TEST

No.	Item	Condition	Evaluation standard
1	Heat And Humidity Test	-10° C to +60° C,93%RH for 240 hours	The sound pressure as specified shall neither deviate more than ±5dB from the initial value, nor any significant damage after any of 100llowing testing.
2	Humidity	After being placed in a chamber at +40 ± 2 °C and 85%(RH) Relative Humidity for 120 hours.	
3	High Temperature	After being placed in a chamber at +105℃ for 950 hours.	
4	Low Temperature	After being placed in a chamber at -40℃ for 96 hours.	

## D. RELIABILTY TEST

No.	Item	Test conditions	Evaluation standard
1	Load test	White noise with HPF 0.5W 96 Hours.	The sound pressure as specified shall neither deviate more than ±5dB from the initial value, nor any significant damage after any of 100llowing testing.

## E. MEASURING METHOD(SPEAKER MODE)

### F-1. Test Condition

#### (a) STANDARD:

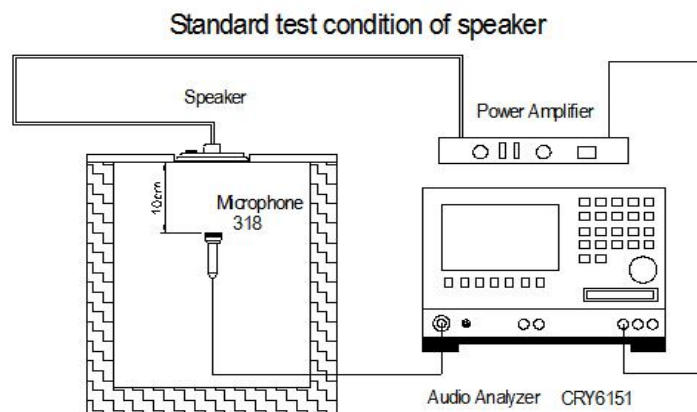
Temperature : 15 ~ 35°C, Relative humidity : 45% ~ 85%,  
Atmospheric pressure : 860mbar to 1060mbar

#### (b) JUDGEMENT:

Temperature :  $20 \pm 3^\circ\text{C}$ , Relative humidity : 60% ~ 70%,  
Atmospheric pressure : 860mbar to 1060mbar

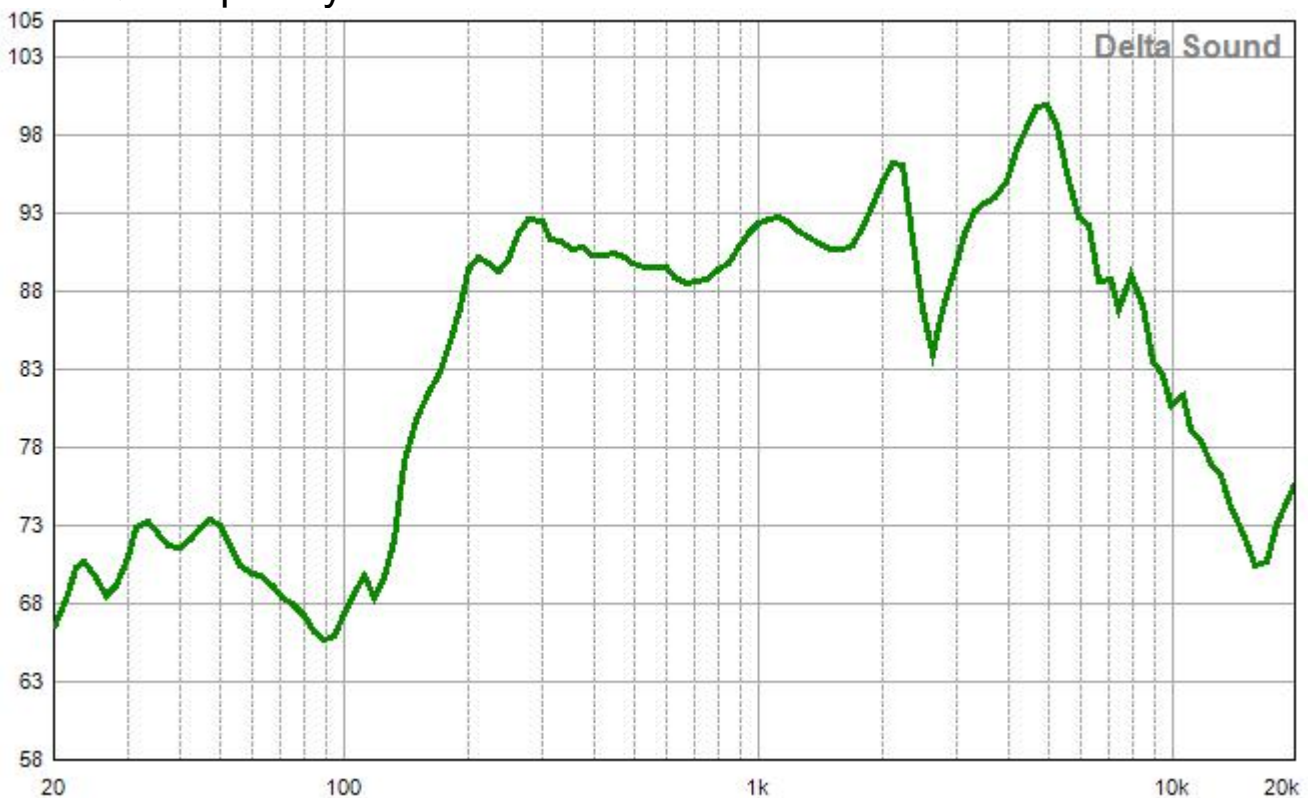
### F-2. Standard Test Fixture

1. Input Power : 0.1W
2. Zero Level : -dB
3. Mode : TSR
4. potentiometer Range : 50dB
5. Sweep Time : 0.5sec

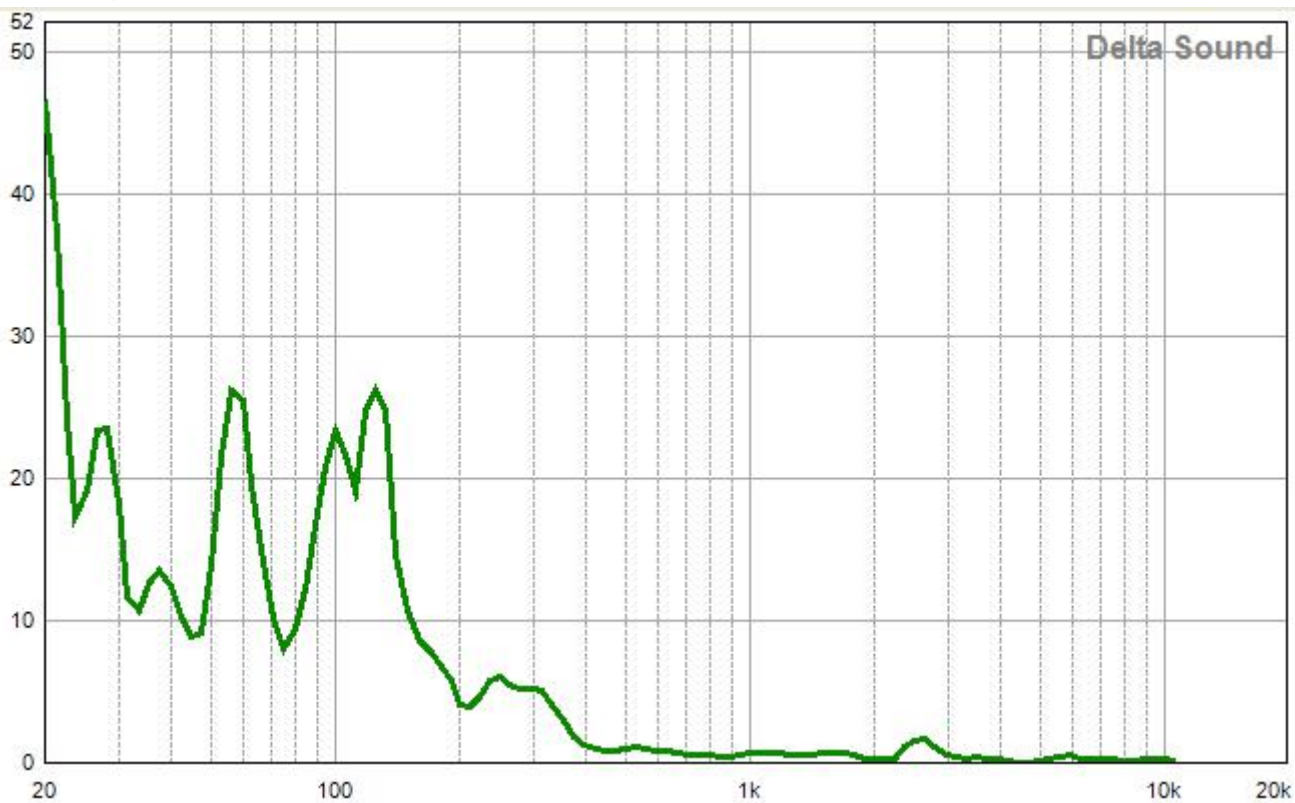


## F. FREQUENCY CURVE

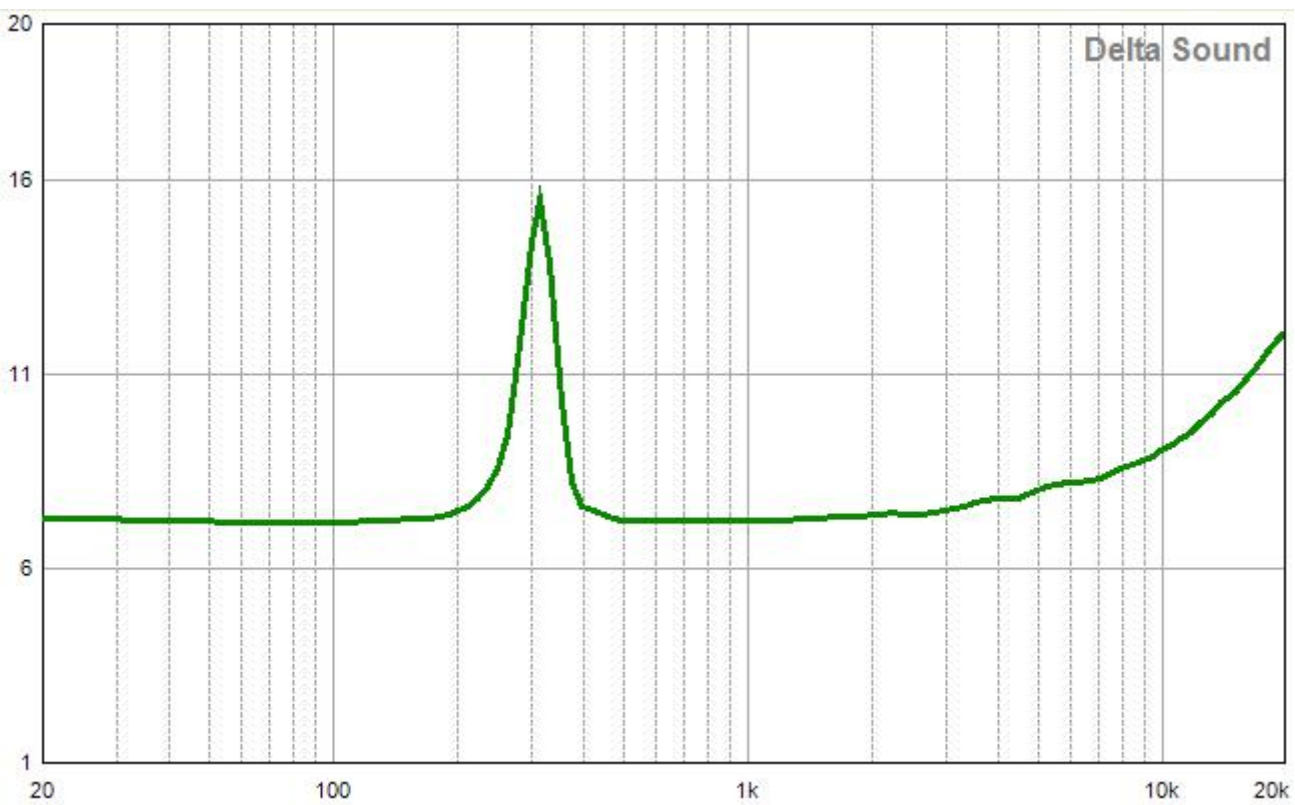
### (1) frequency curve



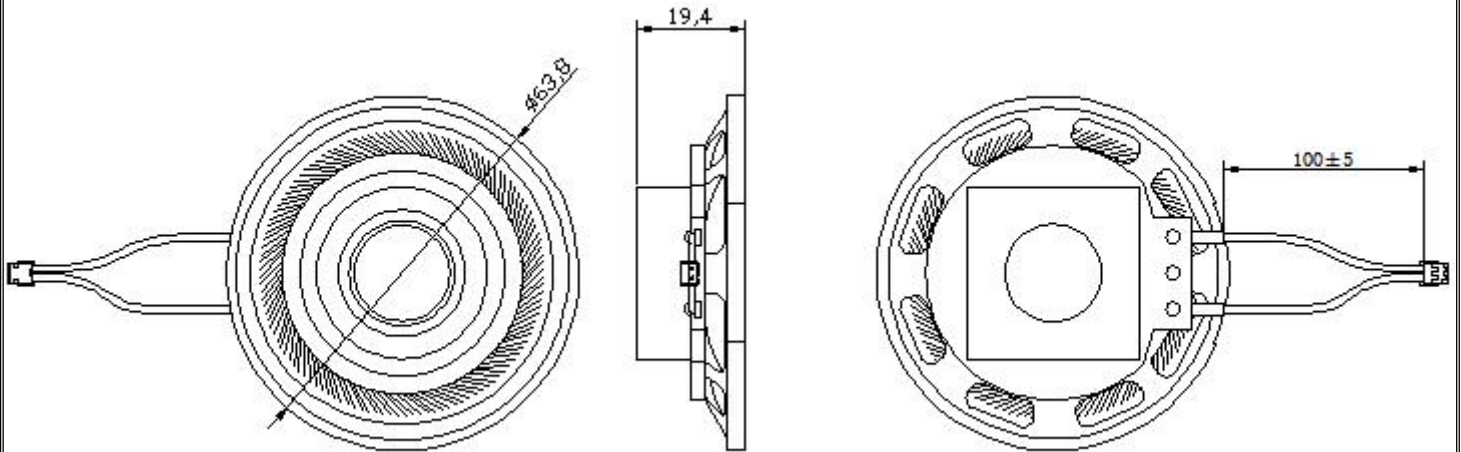
(2) distortion curve



(3) Impedance curve



## G. APPEARANCE DRAWING



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

## H.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 6months), 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.

