

# 请承认书

Version No.: <u>V2.0</u>

常州	昊 翔 电	子 有 限	公 司
Changzho	u HaoXiang	Electronic	Co., LTD
客户名	<b>分</b>		
CUSTOME	R NAMER :		
产品名	<b>お</b>		
COMMODI	:	Speaker box	
产品型	<sup>且</sup> 号		
MODEL NO	:	TDA-B10822KE8	C35
客户料	↓ 号		
PART NO	:		
		1	
审核	秦皓	主 办	唐俐雅 Mar.26,2019

	客	户	承	认	栏		
承	认				拒	收	

常	州	旲	翔	电	子	有	限	公	司
常	州	声	翔	电	子	有	限	公	司

常州公司:

江苏省常州市戚区潞城镇富民路 286 号

TEL:86-519-8363089 13585451311

FAX:86-519-88353844

 $E\text{-mail:} \ \underline{sales@tda\text{-}buzzer.com} \ \ \underline{sales2@tda\text{-}buzzer.com}$ 

南通工厂:

江苏如皋市郭元镇工业园辰翔工业区

TEL:86-513-87910588 871919168

FAX:86-513-87915598

## A. MODEL: TDA-B10822KE8C35

## **B. B. SPECIFICATION**

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

No.	Item	Specification	Condition
1	Dimension	108x22xH35mm	
2	Impedance	8±15%Ω	at 800Hz 1.0V
3	Output Sound Pressure Level	78±3dB(1Watt,1Meter)	At1W/1M(0.5K.0.6K.0.8K1.0KHz )
4	Response Frequency	350±20%Hz	At 1.0V
5	Power Rating	Normal: 5W Maximum: 6W	Sine wave
6	Operating temperature	- 20 ~ + 60 ℃	
7	Storage temperature	- 20 ~ + 60 ℃	
8	Abnormal Sound test	Must be Normal Tested By 6.32Volts. Sine	Wave at F0~3KHz /3 second.
9	Weight	40g	
10	Polarity	Polarity Diaphragm shall move Forward while Apply a Positive DC Signal to the or "Marked" Terminal.	
11	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℃ for 96 hours	
2	Low Temperature	After being placed in a chamber at -20±2℃ 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: $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Being placed for 4 hours at room temperature, speaker shall be measured. SPL should not deviate by ± 5 dB,and nor any
5	Temperature Cycle test	The part shall be subjected to 5 cycles. One cycle shall be consist of: $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	significant damage.

#### 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	Pink noise with HPF 6.32Volts. 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 :  $15 \sim 35^{\circ}$ °C, Relative humidity :  $45\% \sim 85\%$ ,

Atmospheric pressure: 860mbar to 1060mbar

(b)JUDGEMENT:

Temperature :  $20\pm3^{\circ}$ °C, Relative humidity :  $60\% \sim 70\%$ ,

Atmospheric pressure: 860mbar to 1060mbar

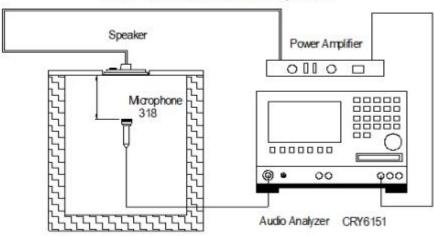
F-2.Standard Test Fixture

1.Input Power:1W 2.Zero Level: -dB 3.Mode: TSR

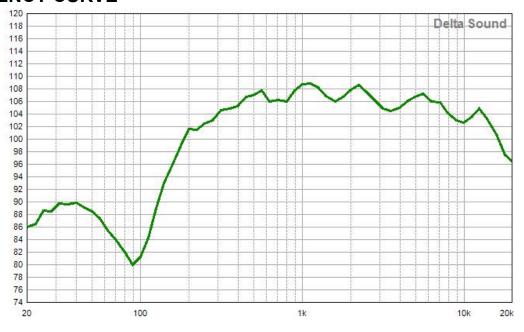
4.potentiometer Range: 50dB

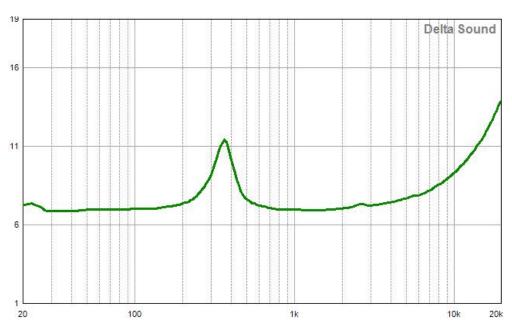
5.Sweep Time: 0.5sec

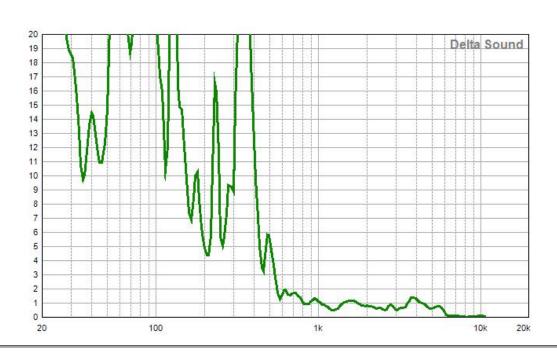
#### Standard test condition of speaker



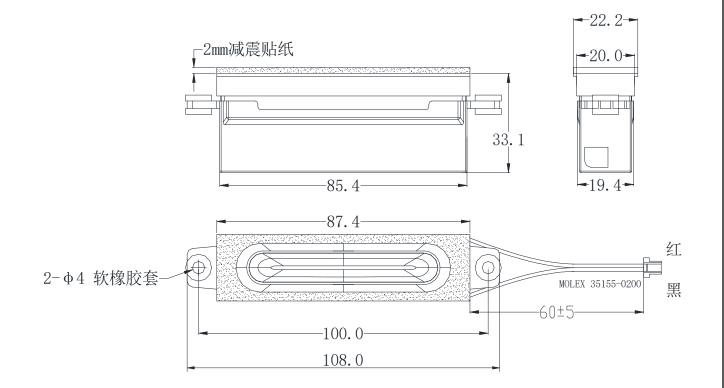
## **G.FREQUENCY CURVE**





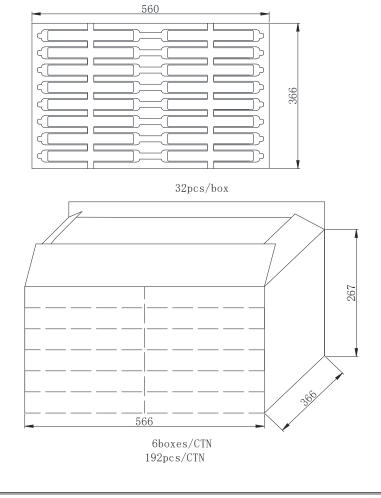


#### **H.APPEARANCE DRAWING**



Unit:mm Tolerance: ±0.5mm

### I.PACKING STANDARD



#### 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 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.

#### K. REVISION

DATE	DESCRIPTION	REMARK	VERSION
Mar.26,2019	Initial condition	TDA-B10822KE8C35	V2.0
Aug.7,2018	Add product packing standard	TDA-B10822KE8C35	V2.1
	Mar.26,2019	Mar.26,2019 Initial condition	Mar.26,2019 Initial condition TDA-B10822KE8C35