

请承认书

Version No.: <u>V2.3</u>

常州	昊 翔 电	子 有	限 公 司
Changzho	u HaoXian	g Electronic	c Co., LTD
客户名	3 称		
CUSTOME	R NAMER:		
产品名	3 称		
COMMOD	:	Speaker b	oox
产品型	보 号		
MODEL NO	· <u> </u>	TDA-B20218	KE8 <i>C</i> 35
客户料	4号		
PART NO	:		
审核	秦皓	主办	潘莲 Nov.14,2019

	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

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-mail: sales@tda-buzzer.com sales2@tda-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-B20218KE8C35

B. B. SPECIFICATION

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

No.	Item	Specification	Condition
1	Dimension	202x18xH35mm	
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: 10W	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	95 g	
10	Polarity	Diaphragm shall move Forward while Apply or "Marked" Terminal.	a Positive DC Signal to the "+"
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 \pm 2 $^{\circ}$ 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	-20 0	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

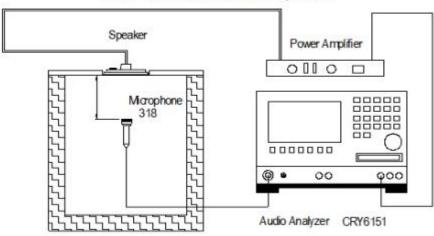
F-2.Standard Test Fixture

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

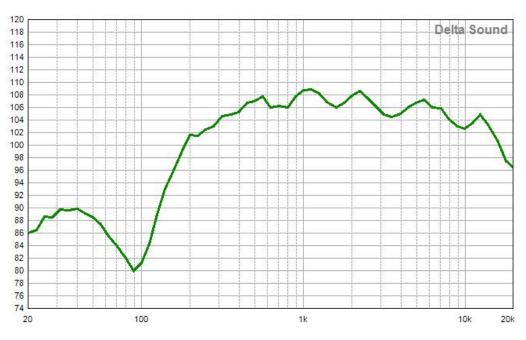
4.potentiometer Range: 50dB

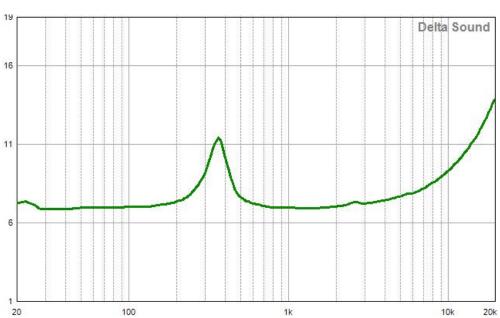
5.Sweep Time: 0.5sec

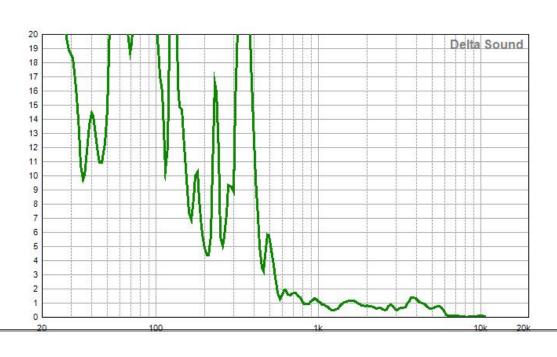
Standard test condition of speaker



G.FREQUENCY CURVE



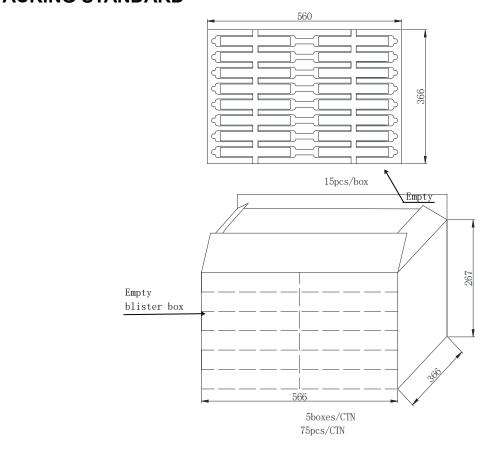




APPEARANCE DRAWING 202.3 34.5 34.5 180 2-04.5 MOLEX 35155-0200

Unit:mm Tolerance: ±0.5mm

I.PACKING STANDARD



I. 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.

J. REVISION

No.	DATE	DESCRIPTION	REMARK	VERSION
1	Mar.26,2019	Initial condition	TDA-B20218KE8C35	V2.0
2.	Aug.7,2019	Add product packing standard	TDA-B20218KE8C35	V2.1
3.	Aug.15,2019	Change height dimension 34.5 ± 0.5	TDA-B20218KE8C35	V2.2
4.	Nov.14,2019	Change packing	TDA-B20218KE8C35	V2.3