

# SPECIFICATION

受 控

Customer : QUARTZ

Applied To :

Product Name : Horn Speaker

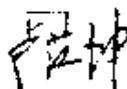
Model Name : SH-59TR6-7803

Drawing No. : KFC7803

Signature of Appronal

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Signature of KEPO

Approved by	Checkde by	Issued by	Date
			



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## 1. Scope

This specification is applied to the Siren used for sounder in alarm systems. Please contact us when using this product for any other applications than described in the above.

## 2. General

- 2.1 Out-Diameter : 58.8 mm
- 2.2 Height : 44.5 mm
- 2.3 Length : mm
- 2.4 Weight : 95 g ±50g
- 2.5 Operating Temperature range:  
-20~+55 °C without loss of function
- 2.6 Store Temperature range:  
-25 ~+60 °C without loss of function

## 3. Electrical and Acoustic Characteristics.

Test condition : 15 ~ 35 °C, 25% ~ 85% RH, 860~1060 mbar

No	Items	Specification
1	Impedance	6 Ω ± 20%
2	Sound Pressure Level	≥98 dB at 1M/1W 1.3K-2.5KHz avg B&K
3	Resonance Frequency	1200 Hz±20%
4	Frequency Range	FO ~3KHz
5	Input Power	Rated 10 W/ MAX. 15 W
6	Magnet size	24.5*3.5 mm(Dia*H)
7	Buzz and Rattle	Should not be audible buzzes,rattles when the 4V sine wave signal swept at frequency range
8	Polarity	When supplied plus D.C. voltage to (+) Left line, the diaphragm must move to forward.
9	Case Material/Color	ABS/Black

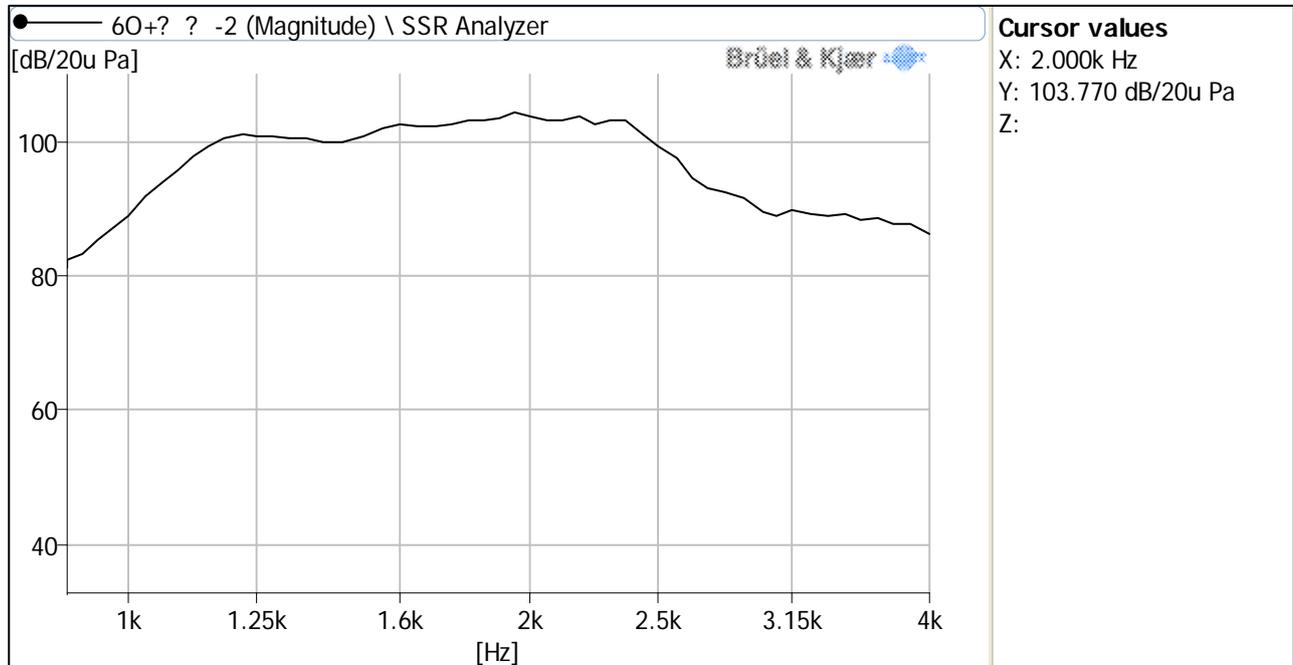
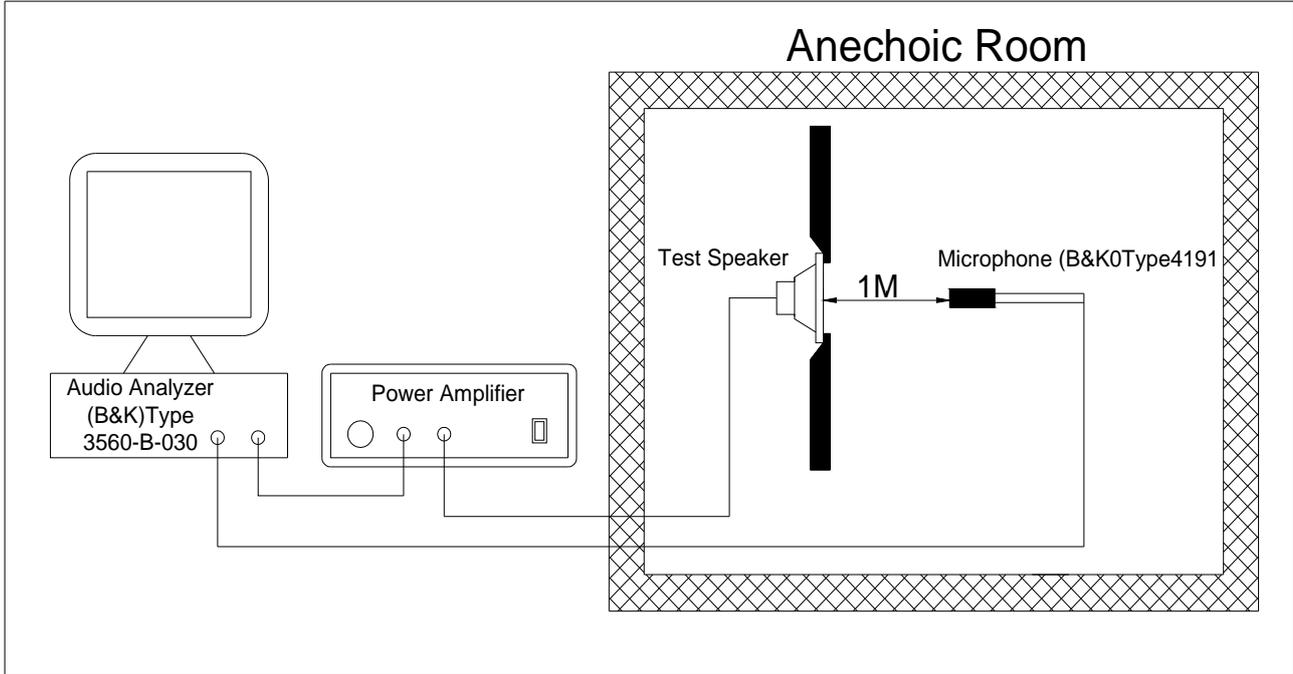
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#### 4. Reliability Test

After test(1~6item), the Electronic Siren S.P.L . difference shall be within  $\pm 10$ dB, and the appearance not exist any change to be harmful to normal operation(e.g.cracks,rusts,damages and especially distortion).

No	Items	Specification
1	High Temperature Test	After being woked in a chamber with $+60\pm 2$ °C for 2h and then being placed in natural condition for 2h, sounder shall be measured.
2	Low Temperature Test	First being worked in a chamber with $-25\pm 2$ °C for 2h and then being placed in a chamber with $-25\pm 2$ °C for 16h, finally being placed in natural condition for 2h, sounder shall be measured.
3	Humidity Test	After being placed in a chamber with 90 to 95%R.H. at $+40\pm 2$ °C for 2 h and then being placed in natural condition for 2h , sounder shall be measured.
4	Shock Test	Under acceleration of peak $100\text{m/s}^2(10\text{g})$ & half sine wave pulse (pulse time is 16ms)condition.run into product 1000 times continuously.
5	Vibration Test	Horn shall be measured after being applied vibration of amplitude of 1.5mm with 10to 30Hz band of vibration frequency to each of 3 perpendicular directions for 2 hour.
6	Drop Test	Package product to carton, from 1 M height , 6 directions fall to concrete

### 5. Measurement Block Diagram & Response curve



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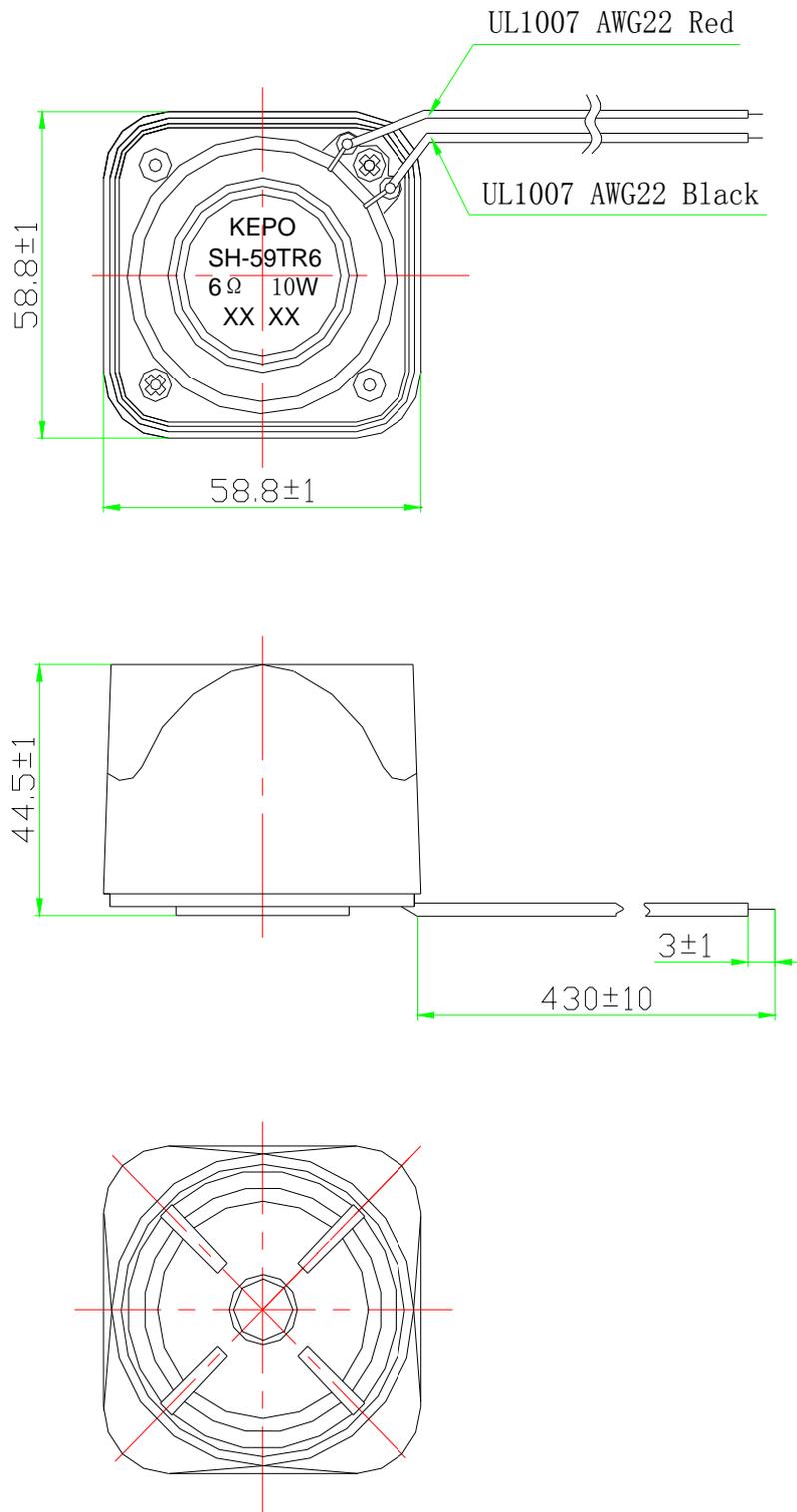
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## 6. Dimensions



FIRST ANGLE PROJECTION



备注：根据客户要求进行丝印。

UNIT : mm

Tolerance :  $\pm 0.5$

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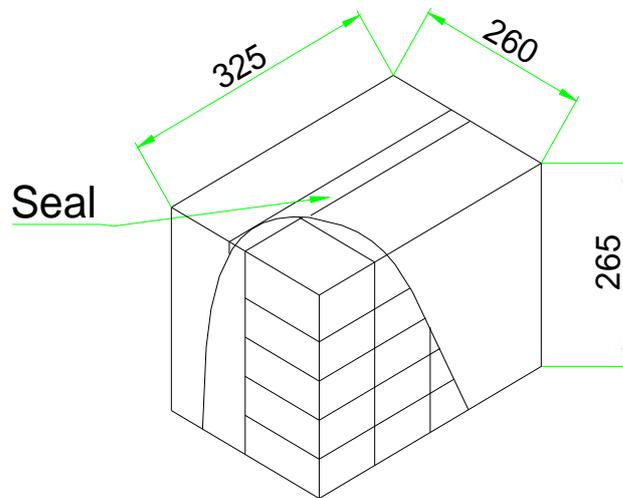
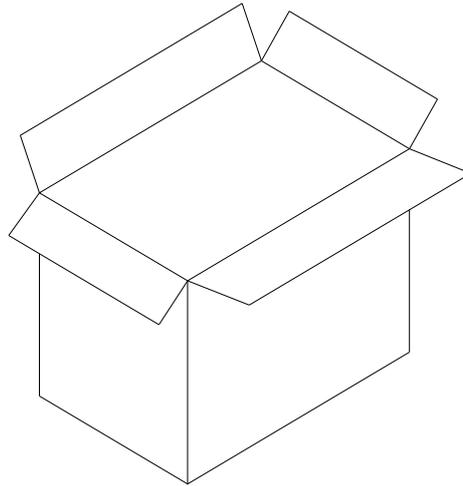
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## 7. Packing

Each minimum package unit of products shall be in a carton box and it shall be clearly marked with Part Number ,quantity and outgoing inspection number.

There shall be no mechanical damage on products during transportation and/or in storage.



Q'TY:100PCS

