承 认 书

SPECIFICATION FOR APPROVAL

客户(CUSTOMER)：

产品名称（PRODUCT NAME）：贴片式蜂鸣器（外部驱动）

型号（TYPE）： YS-SBZ8530C03R16

客户料号（CUSTOMER NO）

日期（DATE）： 2019-07-18

客户确认：（签章）
日期：

东 莞 市 锋 鸣 电 子 有 限 公 司

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# FENGMINGTECHOFDONGGUAN   CO.,LTD

YS-SBZ8530C03R16

APPEARANCE DRAWING

3.0±0.3

8.5

8.5

SOUND PORT

−POLARITY

+POLARITY

4-1.5*45°
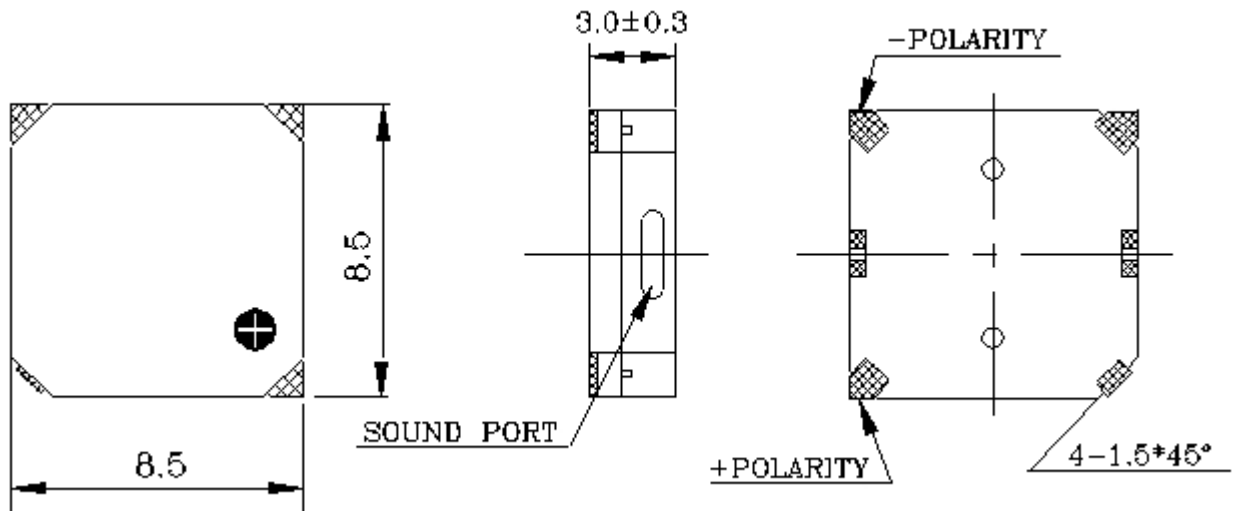
Tol:± 0.5 Unit:mm

SPECIFICATION:

| Model NO	YS-SBZ8530C03R16
Rated Voltage	3.6V
Operating Voltage	2.5~4.5V
Rated Current	Max. 90mA
Coil Resistance	16±4Ω
sound Pressure level(dB/2700Hz/at 10cm)	Min.85dB
Resonant Frequency	2700Hz
Operating Temperature	-20 ℃~+70 ℃
Storage Temperature	-30 ℃~+80 ℃

Acoustic Characteristics:

The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below
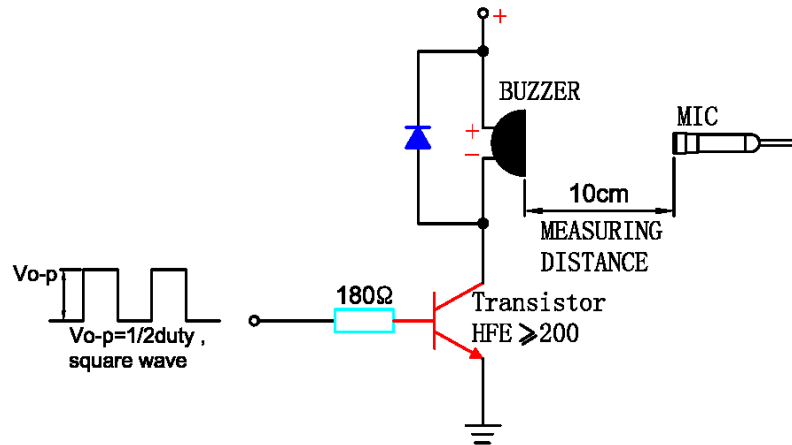
In the measuring test, buzzer is placed as follows:
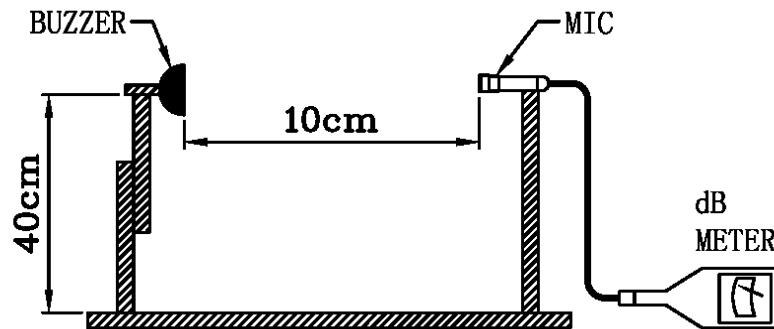
Typical Frequency Response Curve
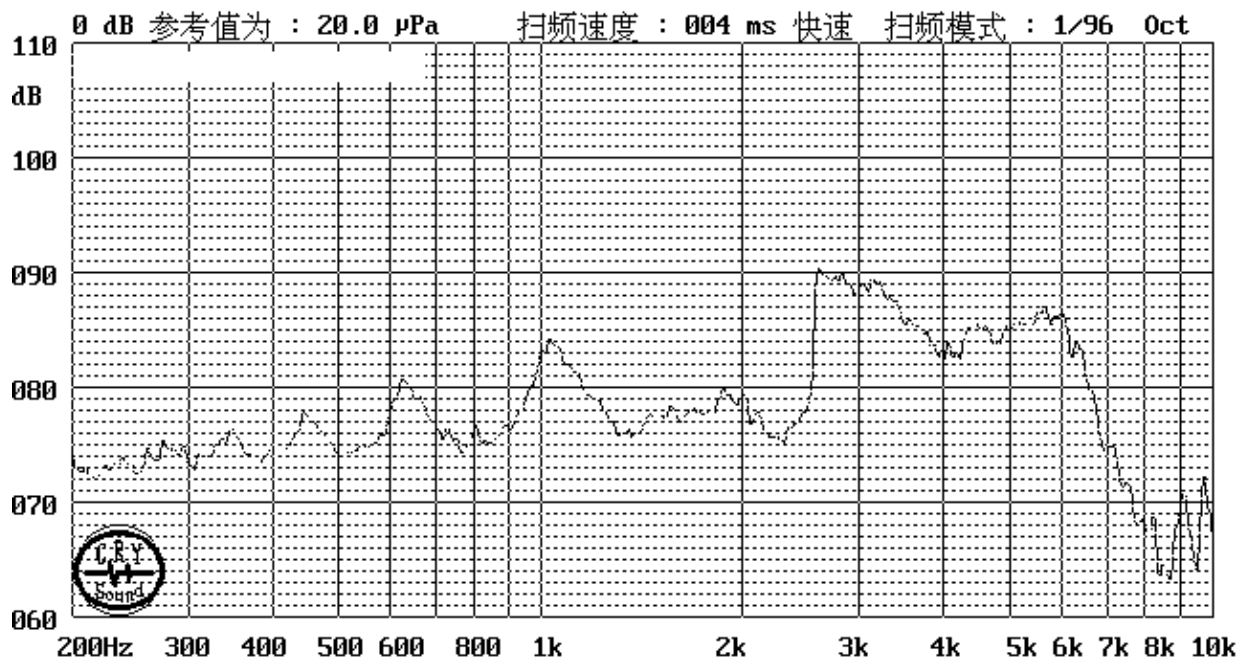
RELIABILITY：

ITEMS	METHOD OF TEST AND MEASUREMENTS	PERFORMANCE
Coldness withstanding	After 98 hours of being exposed to -30℃ environment, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Hotness withstanding	After 98 hours of being exposed to +80℃ environment, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Humidity withstanding	After 98 hours of being exposed to 40℃ 95%RH environment in actual operation, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Durability	Testing after 1,000 hours actual continuous operation. (at standard measurement conditions)	No abnormality shall exist
Drop withstanding	A natural drop from 75cm high down to the ground.	No abnormality shall exist
Vibration withstanding	Vibration of 2,000 cycles per minute, 2mm amplitude, applied in X, Y and Z directions for 30 minutes each.	No abnormality shall exist

Soldering Condition

(1)Recommendable reflow soldering condition is as follows
   (Reflow soldering is twice)

Note:It is requested that reflow soldering should be executed
      after heat of product goes down to normal.

TEMPERATURE

260 ˚C

200 ˚C

175 ˚C

150 ˚C

MAX.10SEC

SEC

120SEC

60SEC