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-SBZ7525C03R16

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

电话：0769-88036425　　　　　传真：0769-85474556
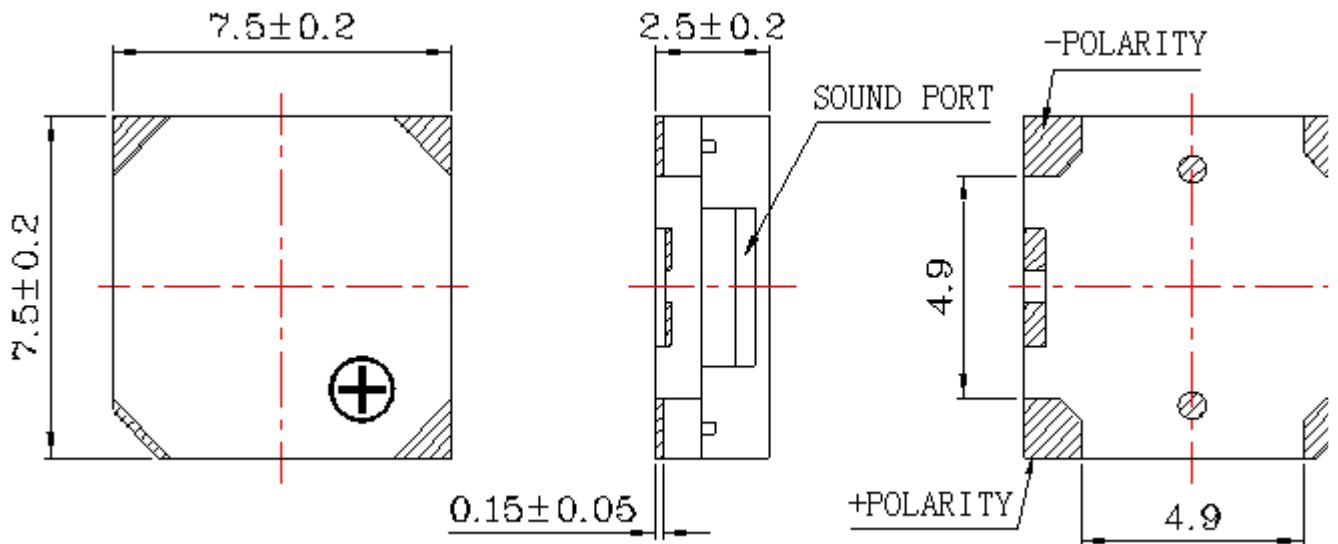
制单：李琳　　　　　业务：宋浩亮　　　　　工程：黄鑫

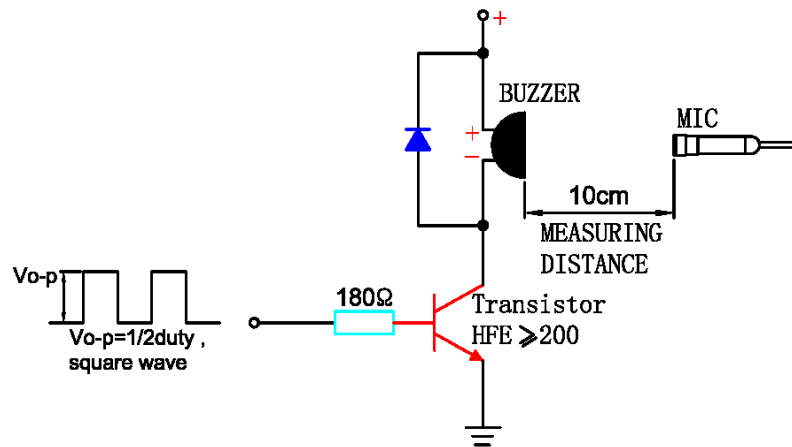# FENGMING TECH OF DONGGUAN CO.,LTD

YS-SBZ7525C03R16

APPEARANCE DRAWING
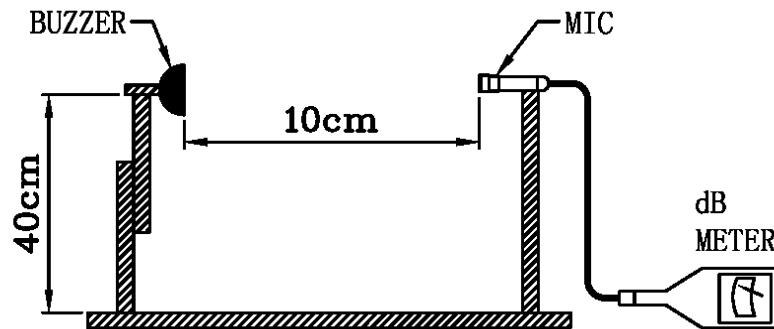

Tol:± 0.5 Unit:mm

SPECIFICATION:

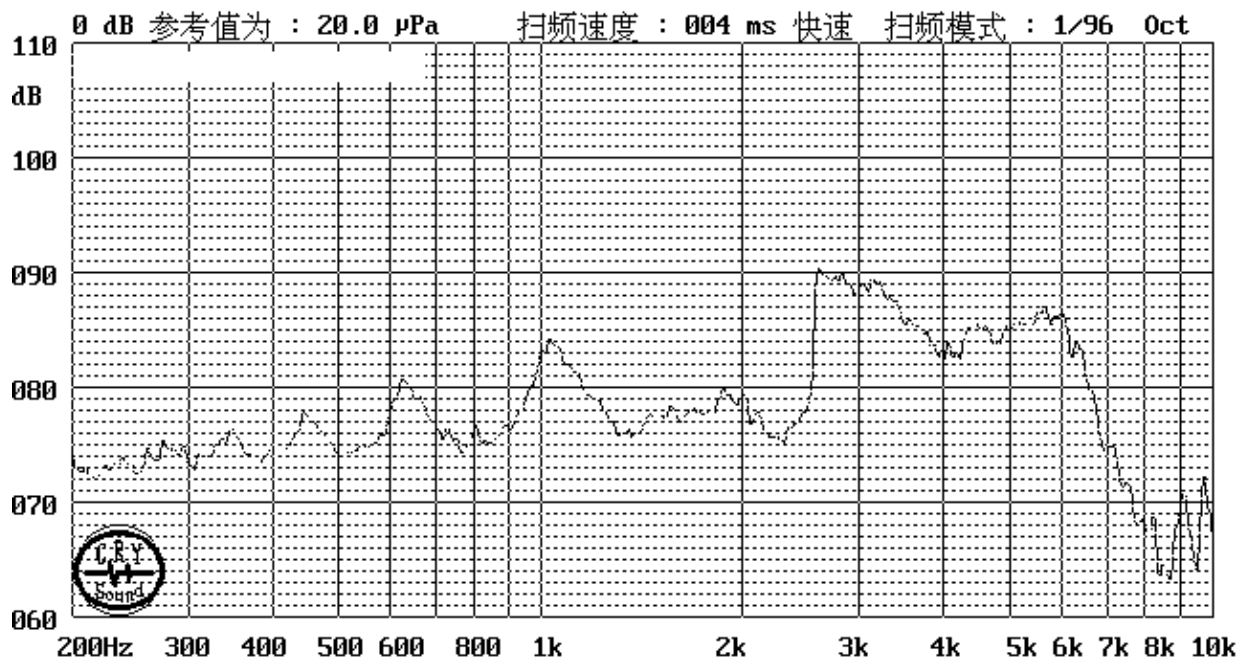| Model NO	YS-SBZ7525C03R16
Rated Voltage	3.6V
Operating Voltage	2.5~4.0V
Rated Current	Max. 90mA
Coil Resistance	16±4Ω
sound Pressure level(dB/2700Hz/at 10cm)	Min.82dB
Resonant Frequency	2700Hz
Operating Temperature	-20 ℃~+70 ℃
Storage Temperature	-30 ℃~+80 ℃

Acoustic Characteristics:

The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below

BUZZER

MIC

+

10cm

MEASURING DISTANCE

Vo-p

Vo-p=1/2duty , square wave

180Ω

Transistor HFE ≥ 200

In the measuring test, buzzer is placed as follows:

BUZZER

MIC

10cm

40cm

dB METER

Typical Frequency Response Curve

0 dB 参考值为 : 20.0 μPa   扫频速度 : 004 ms 快速   扫频模式 : 1/96 Oct

110 dB

100

090

080

070

060

200Hz 300 400 500 600 800 1k 2k 3k 4k 5k 6k 7k 8k 10k

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

MAX.10SEC

260 ˚C

200 ˚C

175 ˚C

150 ˚C

SEC

120SEC   60SEC