

承 认 书

SPECIFICATION FOR APPROVAL

客户 (CUSTOMER): _____

产品名称 (PRODUCT NAME): 电磁式蜂鸣器 (内含驱动线路)

型号 (TYPE): YS-MBZ12095DYB05

客户料号 (CUSTOMER NO) _____

日期 (DATE): 2019-07-20

| |
|------------|
| 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

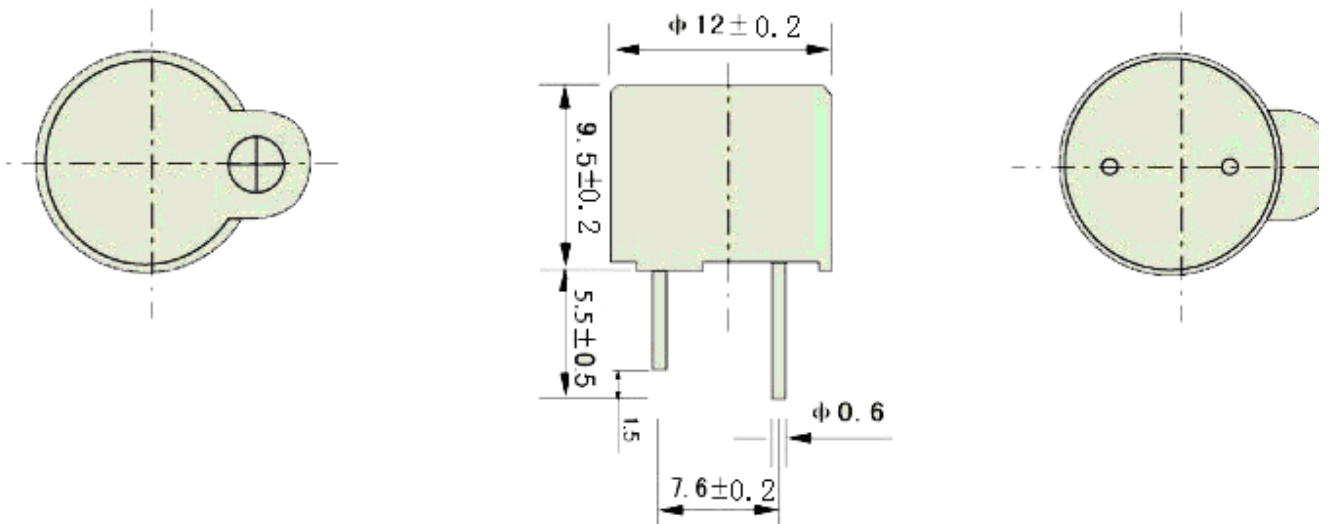
业务: 宋浩亮

工程: 黄鑫

FENGMING TECH OF DONGGUAN CO.,LTD

YS-MBZ12095DYB05

DIMENSIONS Unit:mm Tolerance: $\pm 0.5\text{mm}$



SPECIFICATIONS

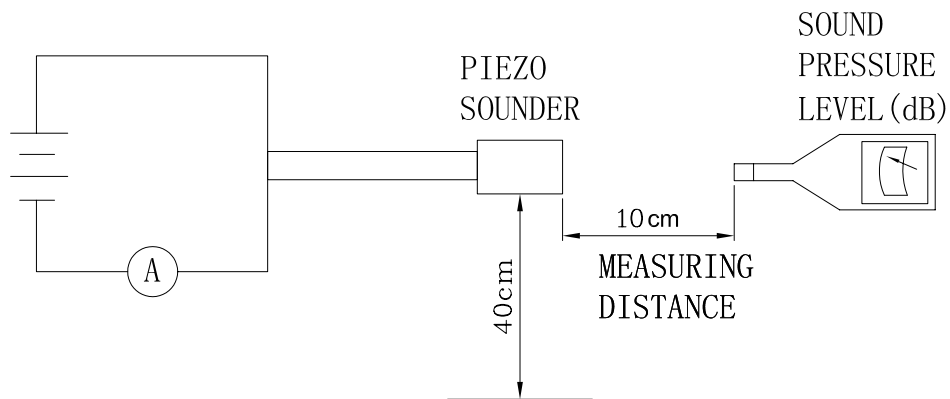
| | |
|------------------------------------|--|
| Model NO | YS-MBZ12095DYB05 |
| Rated Voltage | 5VDC |
| Operating Voltage | 3.0~7.0VDC |
| Max.Rated Current | Max.30mA |
| sound Pressure level(dB/min)at10cm | Min 85dB |
| Resonant Frequency | 2400 \pm 300Hz |
| Operating Temperature | -20 $^{\circ}\text{C}$ ~+70 $^{\circ}\text{C}$ |
| Storage Temperature | -30 $^{\circ}\text{C}$ ~+80 $^{\circ}\text{C}$ |

备注：建议蜂鸣器的驱动电流在 24-28MA

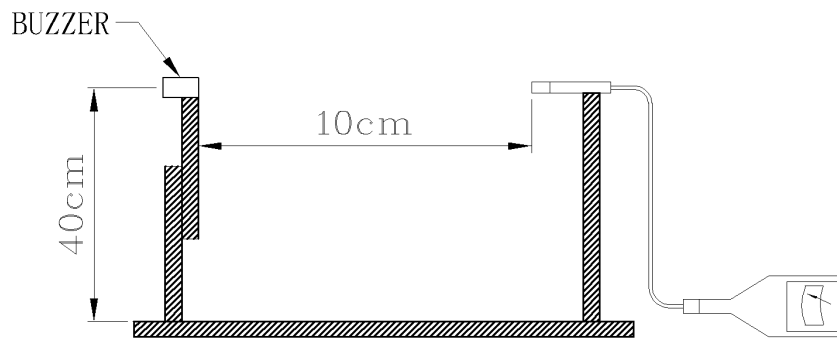
蜂鸣器的焊接温度 255+/-5 度

Acoustic Characteristics:

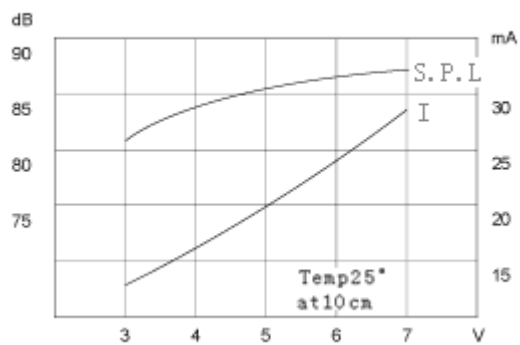
The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below



In the measuring test, buzzer is placed as follows:



Typical Frequency Response Curve



RELIABLY TEST:

| NO. | ITEM | TESTING CONDITION | VARIANCE AFTER TEST |
|-----|------------------------|---|--|
| 1 | Humidity | $40 \pm 2^{\circ}\text{C}$, 93(+2/-3)%RH, 96HRS | All specifications must be satisfied after the test. |
| 2 | <i>High temp.</i> | $+80 \pm 2^{\circ}\text{C}$, 96HRS | |
| 3 | Low temp. | $-30 \pm 2^{\circ}\text{C}$, 96HRS | |
| 4 | Temperature cycling | $-30 \pm 2^{\circ}\text{C}$, 30minutes room temp. 15minutes $+80 \pm 2^{\circ}\text{C}$, 30minutes room temp. 15minutes 5 cycles | |
| 5 | Drop test | 3 times from height of 70cm onto the surface of 10mm thick wooden board. | |
| 6 | Vibration test | Make the test for the directions of X Y and Z (total 0.5 hours). To-and-fro. sweep time (from 10 to 55 Hz and then 55 to 10) under single amplitude of 10mm is 3minute. | |
| 7 | Solder heat resistance | The part leads (pins) shall be immersed in molten solder maintained at $260 \pm 5^{\circ}\text{C}$ for a period of 30 seconds. | After the test part shall meet specifications without any degradation in appearance and performance. |