

承 认 书

SPECIFICATION FOR APPROVAL

客户 (CUSTOMER): _____

产品名称 (PRODUCT NAME): 压电式蜂鸣器 (内含驱动线路)

型号 (TYPE): YS-PBZ2310DYB12

客户料号 (CUSTOMER NO) _____

日期 (DATE): 2022-01-04

客户确认: (签章)
日期:

东 莞 市 锋 鸣 电 子 有 限 公 司

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制单: 李琳

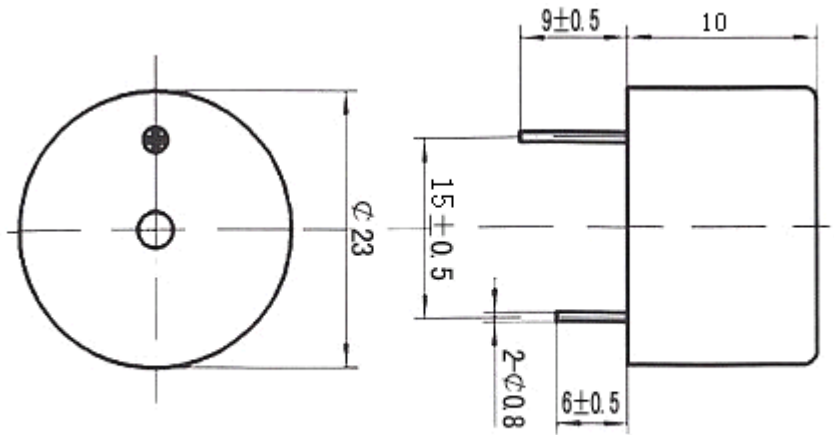
业务: 宋浩亮

工程: 黄鑫

FENGMING TECH OF DONGGUAN C-.,LTD

YS-PBZ2310DYB12

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

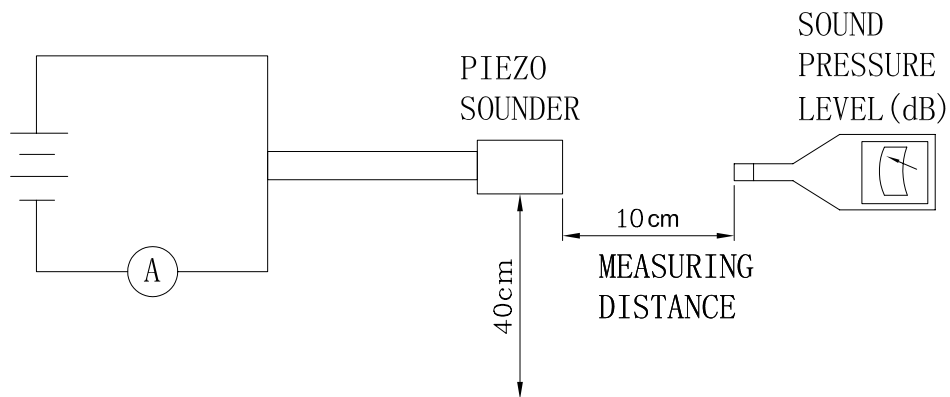


SPECIFICATIONS:

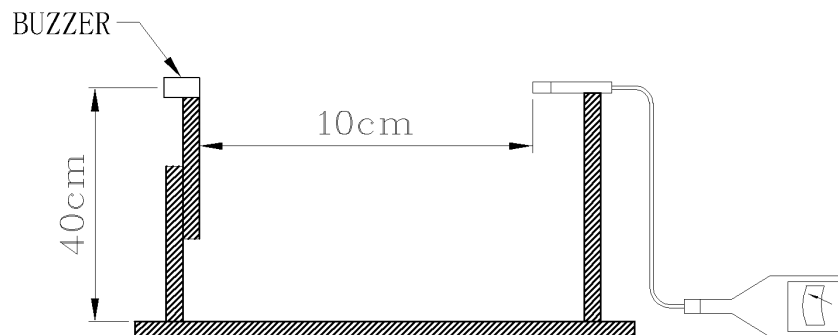
Model NO	YS-PBZ2310DYB12
Rated Voltage	12VDC
Operating Voltage	3.0~24.0VDC
Max.Rated Current	Max.10mA
sound Pressure level(dB/min)at10cm	Min 95dB
Resonant Frequency	$3500 \pm 500\text{Hz}$
ROHS	YES
Housing Material	PPO
Operating Temperature	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Storage Temperature	$-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Acoustic Characteristics:

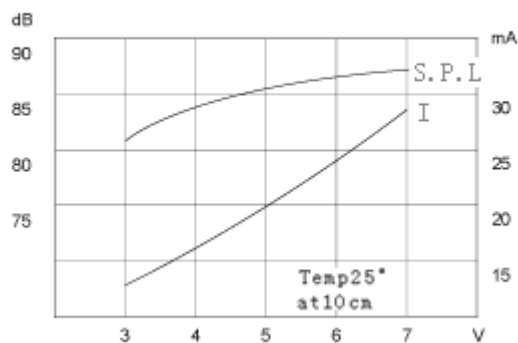
The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below



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.	After the test part shall meet specifications without any degradation in appearance and performance.
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.	