

# SPECIFICATION FOR APPROVAL

## 承 认 书

Description : **Magnetic Buzzer**

Vender's Part No. : **SND-2310**

Customer's. Part No. :

Serial No. :

Version No. : **1.1**

CUSTOMER'S APPROVED SIGNATURE		

Approved By	Checked By	Made By
		曹小丽

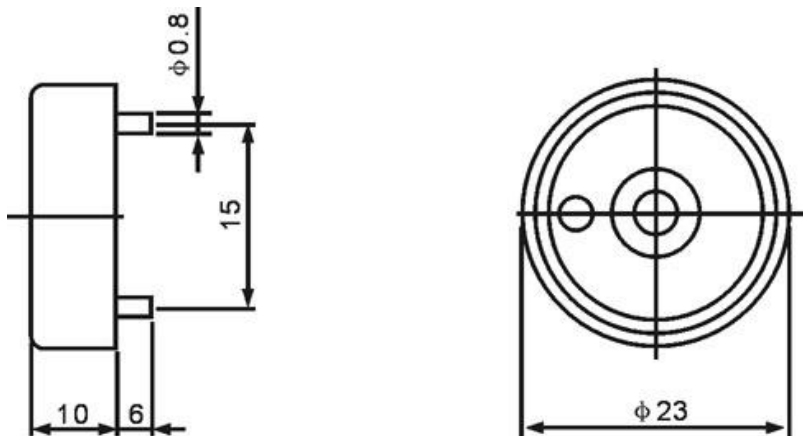
### A. SCOPE

This specification applies magnetic buzzer, **SND-2310**

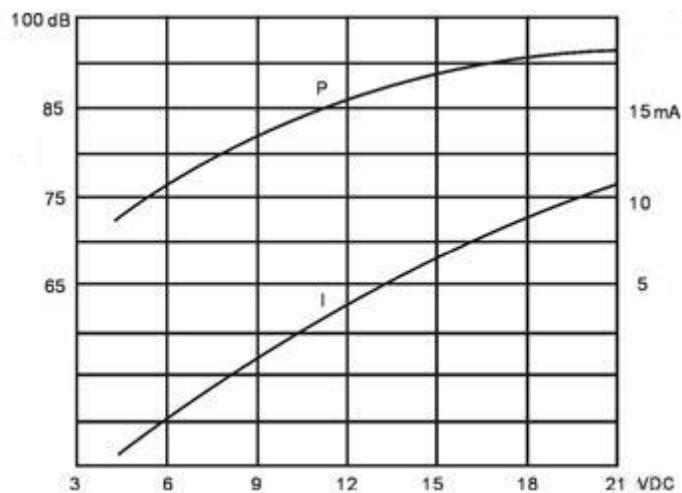
## B. SPECIFICATION

No.	Item	Unit	Specification	Condition
1	Oscillation Frequency	Hz	3500±500	Vo-p=1/2duty , square wave
2	Operating Voltage	Vo-p	3~24	
3	Rated Voltage	Vo-p	12	
4	Current Consumption	mA	≤10	at Rated Voltage
5	Sound Pressure Level	dB	MIN. 85	at 10cm at Rated Voltage
6	Operating Temperature	°C	-20 ~ +60	
7	Storage Temperature	°C	-30 ~ +70	
8	Dimension	mm	Φ23 x H10	See appearance drawing
9	Weight (MAX)	gram	4.0	
10	Housing Material		ABS( Black )	

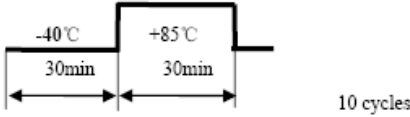
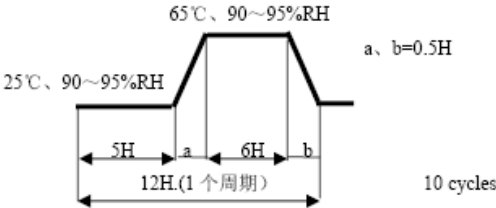
C. APPEARANCE DRAWING Tol : ±0.5 Unit: mm



## D: FREQUENCY RESPONSE 频率



## E. RELIABILITY TEST

Item	Test condition	Criteria	引用规格
1	High temperature Preservation	Exposure to +85°C for 96 hrs.	After the test the part shall meet specificati
2	Low temperature preservation	Exposure to -40°C for 96 hrs.	-ons without any degra -dation in appearance And performance except
3	Thermal Shock	 <p>10 cycles</p>	SPL.
4	Thermal, Humidity Shock	 <p>10 cycles</p>	
5	Ordinary Temp. Life	Driving the sounder at 5VDC for 1000hrs in the room temperature(25°C±10°C)	
6	High Temp. Life	Driving the sounder at 6.5VDC for 500hrs in the low temperature(+85°C)	
7	Low Temp. Life	Driving the sounder at 5VDC for 500hrs in the low temperature(-40°C)	
8	Lead strength	Pull load on the direction of the terminal axis for 10±1 sec.	
9	Vibration	10~55~10Hz Sinewave, Sweep 1 min, Amplitude 1.52mm Max91m/S <sup>2</sup> X,Y,Z 3Direction 2hrs each, Total 6hrs	
10	Free drop	Free drop, 70cm height, on wood board (t40mm) X,Y,Z 3Direction 1time each, total 3times.	Exclude bending of Pin
11	Solder heat resistance	Soldering into solderbath: Solder Temp. 350±10°C Soaking Time: 3.5±0.5sec	After the test the part Shall meet specificatio
12	Washability	Solvent: deionized water, Solvent temp: 55±5°C Soaking time: 5±0.5minutes	-ns without any degra -tion in appearance and performance
13	Solderability	Pretreatment: 40°C, 90~95%RH*240hrs Soldering into solderbath: Solder Temp. 360±5°C Soaking Time: 2±0.5sec	95% surface of lead pins must be covered with fresh solder and no soldering holes Should be found