


# SPECIFICATION FOR APPROVAL

## PIEZO BUZZER

### Self-Drive-Type

Model Name	Y19037
	

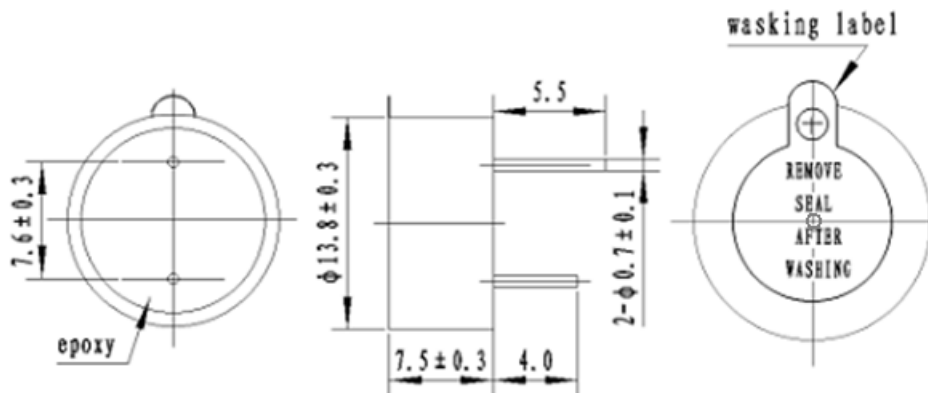
Product Photo	
	DRAWING: 苗利台
	CHECKED: 韦 娟
	APPROVED: 宋雪琪

1	Model	Y19037
2	Rated Voltage (VDC)	12
3	Operating Voltage (VDC)	3 ~ 16
4	*Rated Current (mA)	≤12
5	Reverse Current(mA)	≤100
6	*Sound Output at 10 cm (dB)	≥90
7	*Resonant Frequency (Hz)	4000±500
8	Operating Temperature (°C)	-20 ~ +70
9	Storage Temperature (°C)	-30 ~ +80
10	Weight (g)	0.8
11	RoHS	Yes
12	Housing Material	PPO
Remark: <u>The special requirements in the test for no anti reverse connection.</u>		

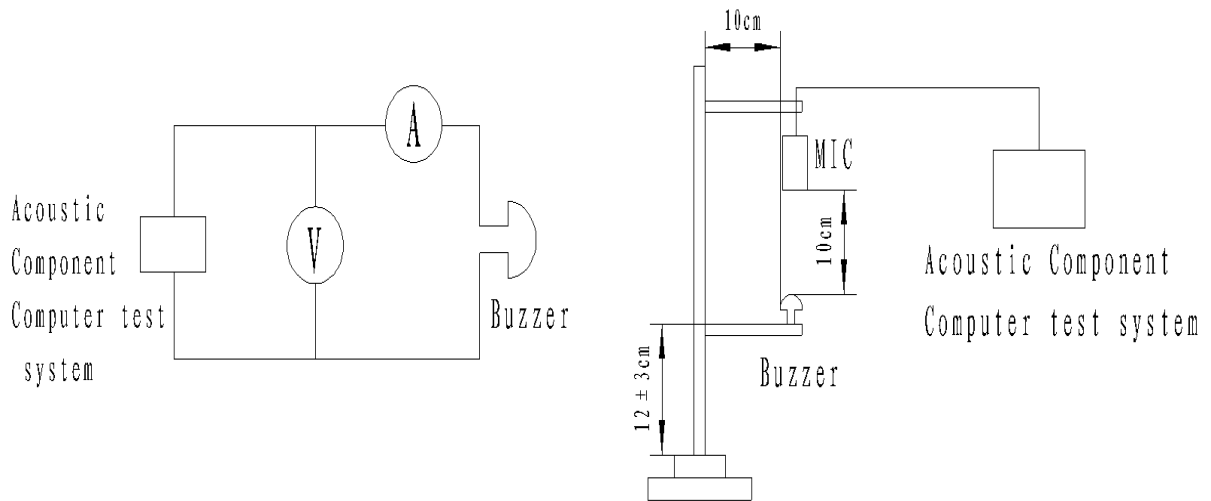
\*Value applying rated voltage (DC)

## DIMENSIONS (UNIT: mm)

Tolerance:  $\pm 0.5\text{mm}$  Except Specified



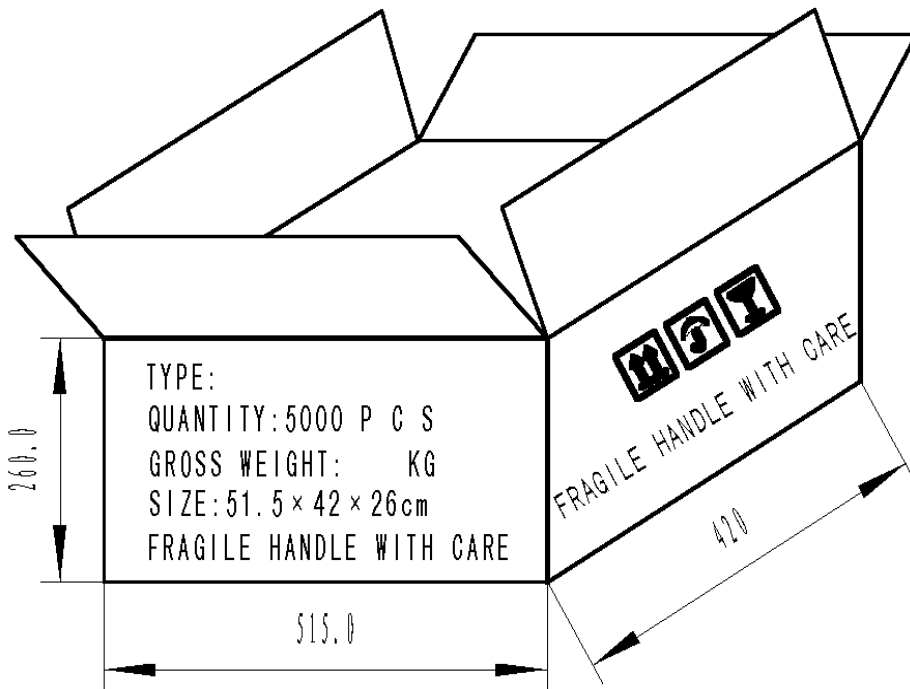
## TEST METHOD:



## RELIABLY TEST:

NO	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	40±2°C, 93(+2/-3)%RH, 96HRS	All specifications must be satisfied after the test.
2	High temp.	+80±2°C, 96HRS	
3	Low temp.	-30±2°C, 96HRS	
4	Temperature cycling	-30±2°C, 30minutes room temp. 15minutes +80±2°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 250±10°C for a period of 30 seconds.	

**PACKING:**



**NOTES:**

- 1.100 PCS per box
- 2.Total 50 boxes per carton
- 3.Total 5000 PCS carton
- 4.Volume:51.5×42×26cm