

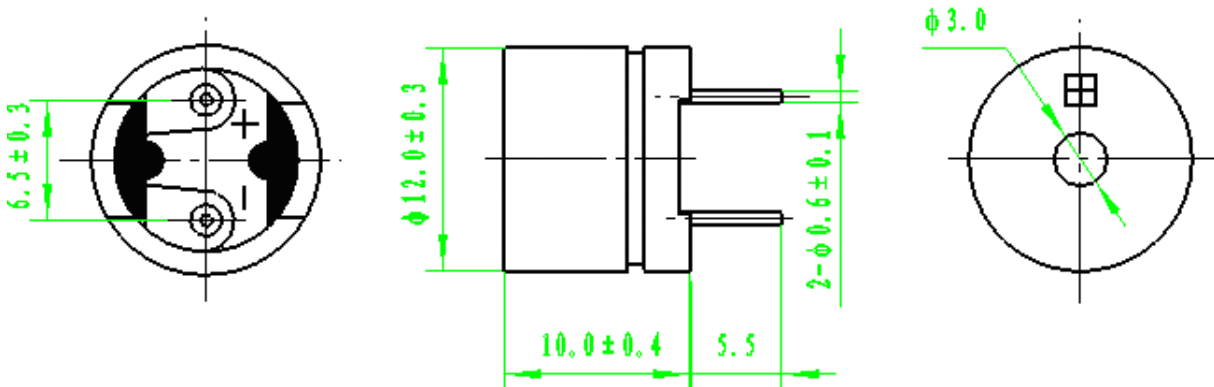
AL1210MTE-P5R ELECTRO-MAGNETIC SOUNDER

1	Rated Voltage (V)	5
2	Operating Voltage (V)	3~7
3	Resonant Frequency (Hz)	2400
4	Coil Resistance (Ω)	42 ± 4
5	*Sound Output at 10cm (dB)	≥ 85
6	*Current Consumption (mA)	≤ 60
7	Operating Temperature ($^{\circ}\text{C}$)	-20~+70
8	Storage Temperature ($^{\circ}\text{C}$)	-30~+80
9	Weight (g)	1.5
10	Case material and colour	PPO / Black

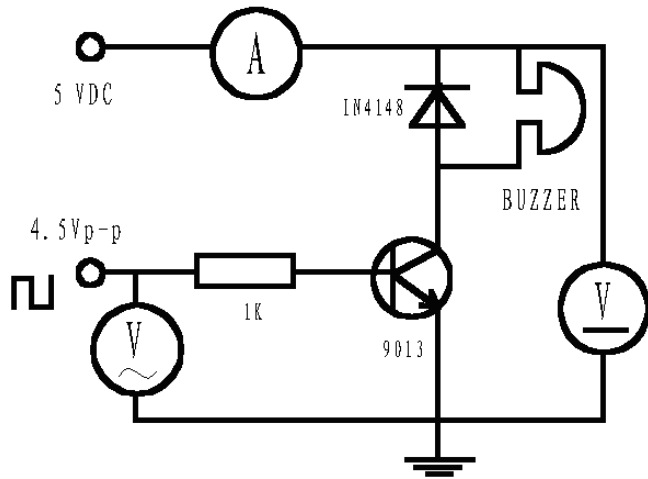
*Applying rated voltage (Resonant frequency, 1/2 duty, Square wave)

DIMENSIONS (UNIT: mm)

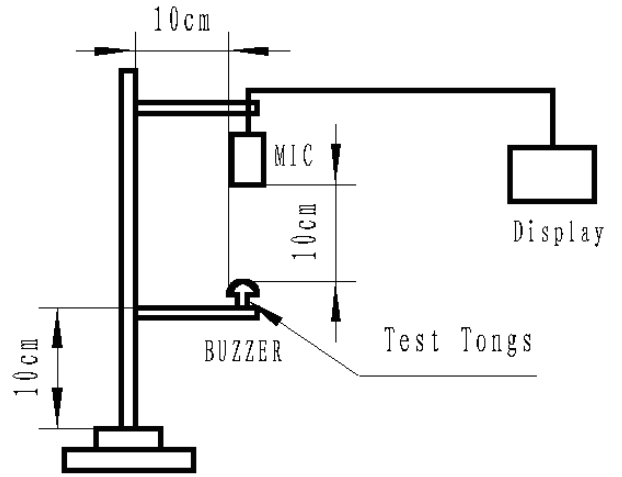
Tolerance: $\pm 0.5\text{mm}$ Except Specified



TEST METHOD:

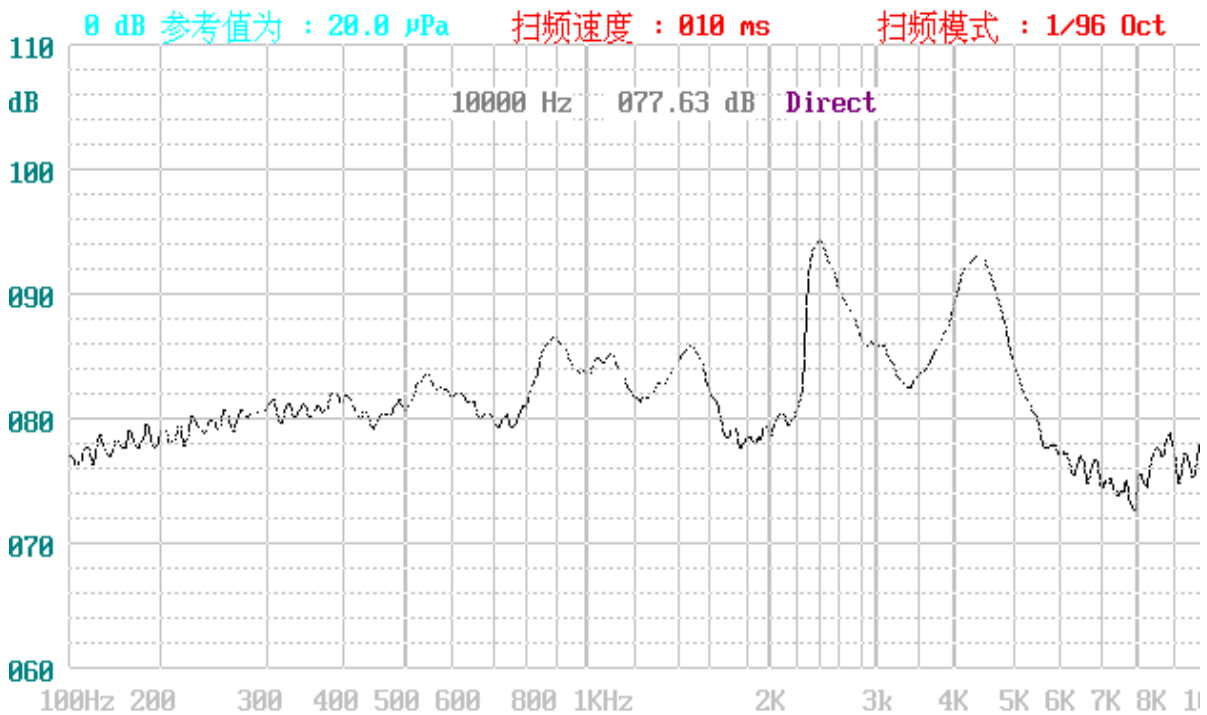


Test Circuit



Test Equipments

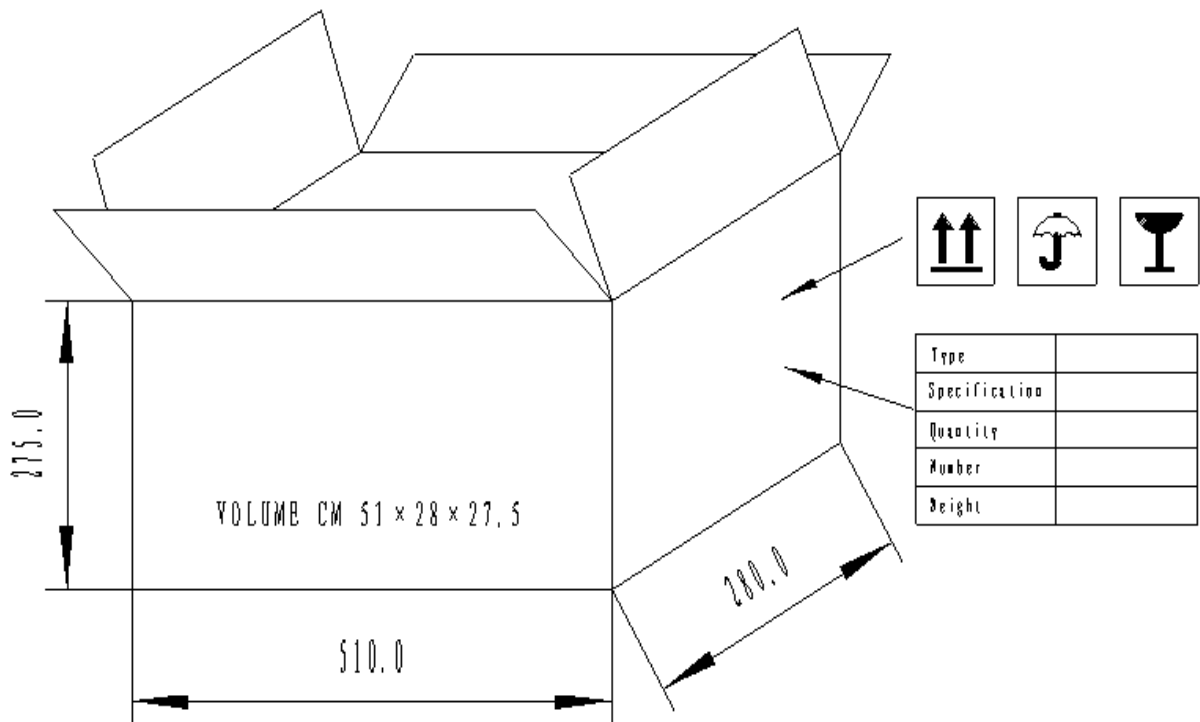
FREQUENCY RESPONSE:



RELIABLY TEST:

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	50±5°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. 15 minutes +80±2°C, 30 minutes room temp. 15 minutes 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 1.0mm is 1 minute.	
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.	After the test part shall meet specifications without any degradation in appearance and performance.

PACKING:



NOTES:

1. 100 PCS per bag
2. Total 30 bags per box
3. Total 3000 PCS box
4. Volume: 51 x 28 x 27.5cm