SYR-380AQ

(RoHS) DATE:2006.12.25

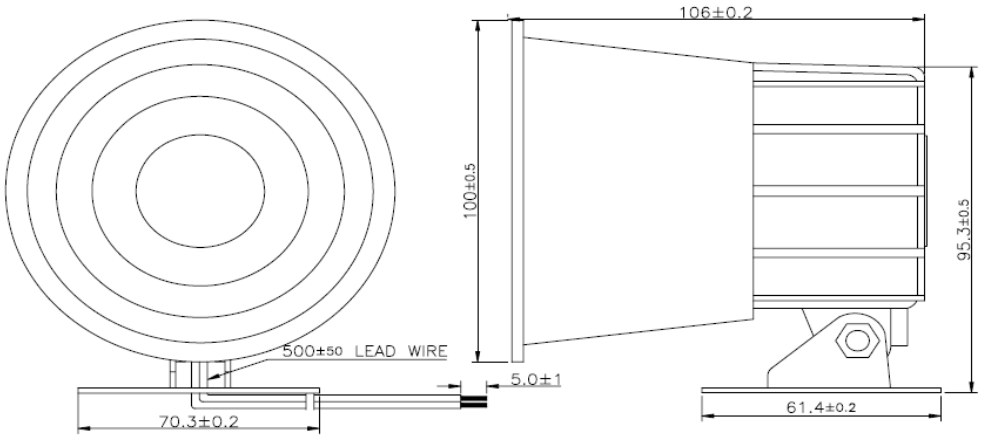
1 . Electrical Characteristics

VER .:1

Oscillation Frequency (KHz)	1.5 ~ 3.5
Operating Voltage (Vdc)	5 ~ 15
Rated Voltage (Vdc)	12
Current Consumption (mA/max.)	1200 at Rated Voltage
Sound Pressure Level (dB/min.)	115 at 100cm at Rated Voltage
Tone/Pulse Rate (Hz)	Sweep 3.3 ±20%
Operating Temperature (℃)	-20 ~ +70
Storage Temperature (℃)	-30 ~ +80
Manual soldering coditionsn (℃)	350±20℃ / within 5sec

2 . Dimensions and Material

2-1 Shape



Unit : mm

2-2 Material

Housing	ABS 757 UL94HB plastic resin (Color : Black)
Leading Wire	20 AWG
Weight (Gram)	400.2

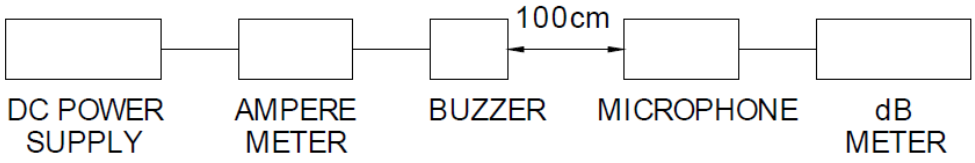
3. TESTING METHOD

· *Standard Measurement conditions*

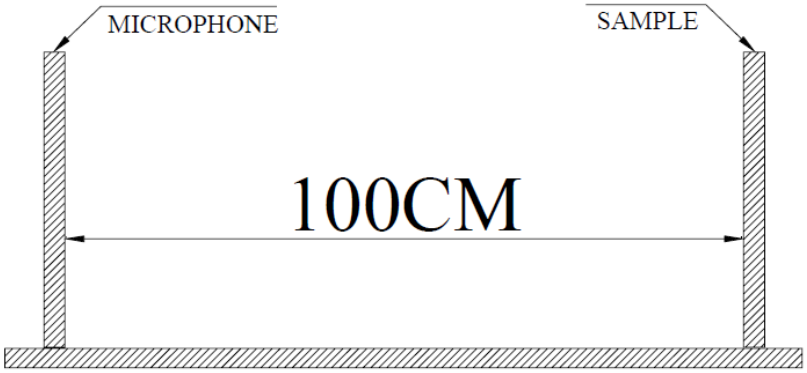
Temperature:25±2℃ Humidity:45-60%

· *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:



4. RELIABILITY

ITEMS	*METHOD OF TEST AND MEASUREMENTS*	*PERFORMANCE*
Coldness withstanding	*After 98 hours of being exposed to -30℃ environment, should be returned to normal environment for 2 hours, then re-proceed to test.*	*No abnormality shall exist*
Hotness withstanding	*After 98 hours of being exposed to +80℃ environment, should be returned to normal environment for 2 hours, then re-proceed to test.*	*No abnormality shall exist*
Humidity withstanding	*After 98 hours of being exposed to 40℃ 95%RH environment in actual operation, should be returned to normal environment for 2 hours, then re-proceed to test.*	*No abnormality shall exist*
Vibration withstanding	*Linear vibrate frequency rate: 5~55Hz Time:180sec , applied in X, Y and Z directions for 3 times each.*	*No abnormality shall exist*