



# HITPOINT

TEL:8862-26013311

FAX:8862-26013898

NO.4 Lane 505, Zhongzheng Rd., Linkou Shiang, Taipei, Taiwan 24445 . R.O.C

## PS-693Q

(ROHS)

DATE:2004.12.28

### 1 . Electrical Characteristics

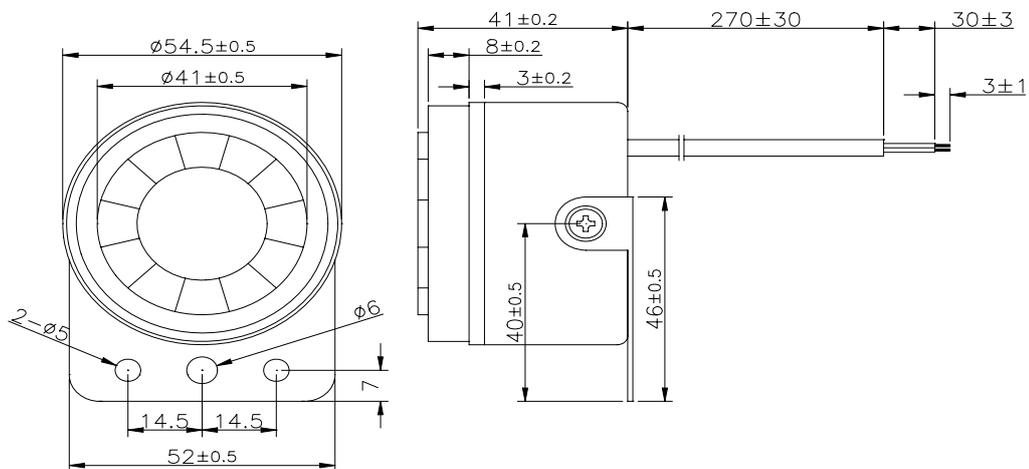
VER :0

Resonant Frequency (KHz)	1.5 ~ 3.8
Operating Voltage (Vdc)	5 ~ 15
Rated Voltage (Vdc)	12
Current Consumption (mA/max.)	200 at Rated Voltage
Sound Pressure Level (dB/min.)	110 at 100cm at Rated Voltage
Tone/Pulse Rate (Hz)	Sweep
Operating Temperature (°C)	-10 ~ +55(10min)
Storage Temperature (°C)	-40 ~ +80
Manual soldering conditions	350±20°C / within 5sec

PS : Protection Level : Ip54 Certified

### 2 . Dimensions and Material

#### 2-1 Shape



Unit : mm



# HITPOINT

TEL:8862-26013311

FAX:8862-26013898

NO.4 Lane 505, Zhongzheng Rd., Linkou Shiang, Taipei, Taiwan 24445 . R.O.C

## 2-2 Material

Housing	ABS 757 UL94HB plastic resin (Color : Black)
Leading Wire	20 AWG
Weight (Gram)	86.2

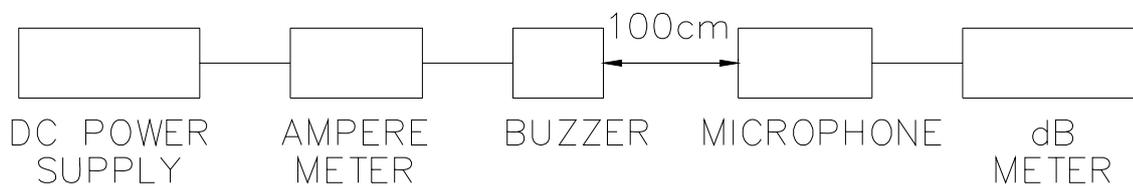
## 3. TESTING METHOD

### • *Standard Measurement conditions*

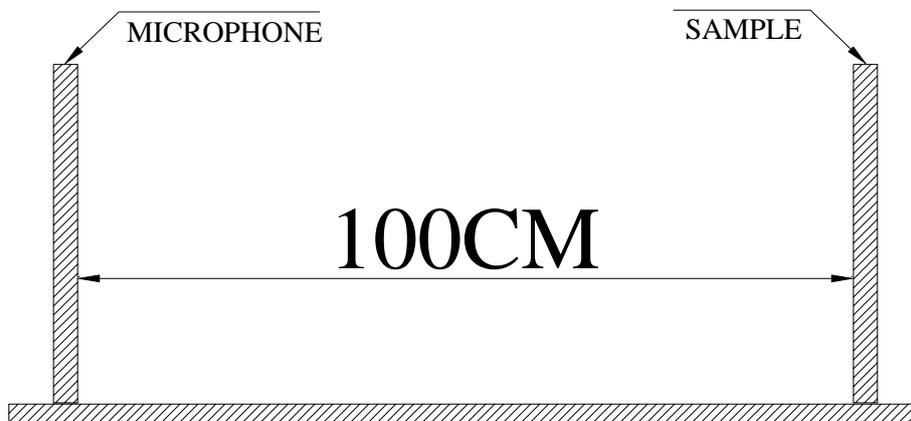
Temperature:  $25 \pm 2^\circ\text{C}$  Humidity: 45-60%

### • *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:*





# HITPOINT

TEL:8862-26013311

FAX:8862-26013898

NO.4 Lane 505, Zhongzheng Rd., Linkou Shiang, Taipei, Taiwan 24445 . R.O.C

## 4. RELIABILITY

<b>ITEMS</b>	<b>METHOD OF TEST AND MEASUREMENTS</b>	<b>PERFORMANCE</b>
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

## 5. PACKAGE METHOD

<1> 1pcs per box , Total 10 boxes per carton , total 10pcs carton;  
Volume: L\*W\*H=510\*330\*300mm

< 2 > RoHS Mark

