

HITPOINT

TEL:8862-26013311

FAX:8862-26013898

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

PK-21N30PQ

(RoHS)

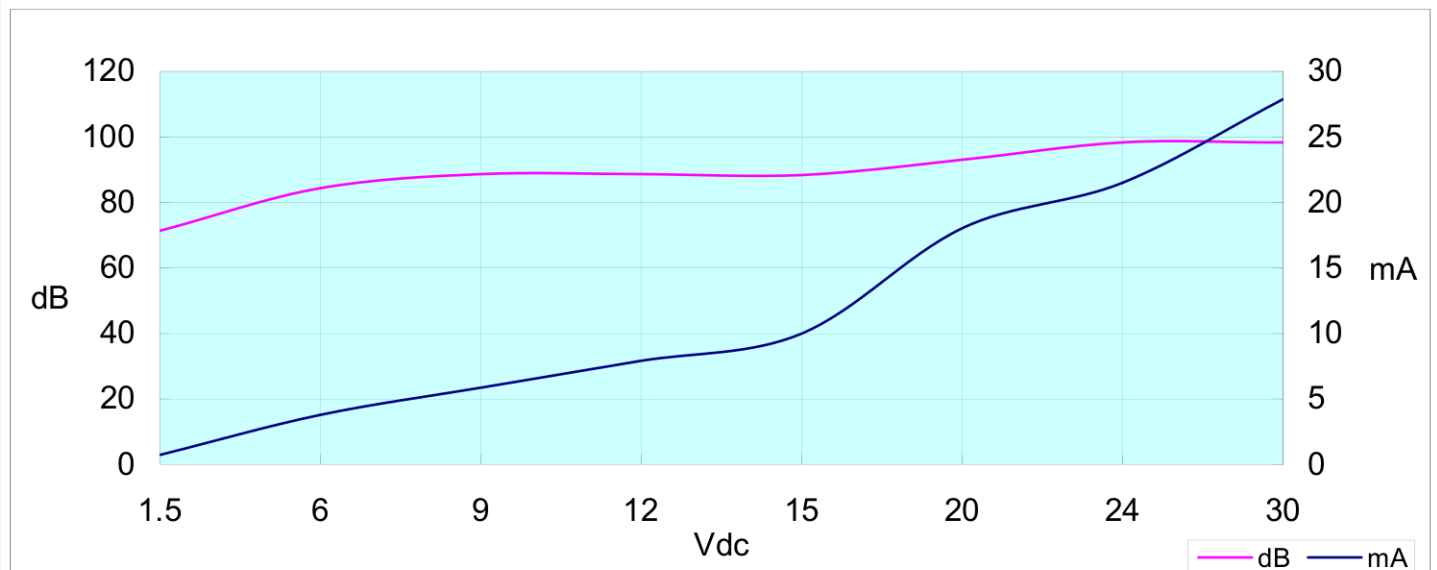
DATE:2005.01.10

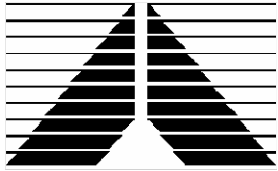
1 . Electrical Characteristics

VER.:0

Oscillation Frequency (KHz)	3.0 ±0.5
Operating Voltage (Vdc)	1.5 ~ 30
Rated Voltage (Vdc)	12
Current Consumption (mA/max.)	12 at Rated Voltage
Sound Pressure Level (dB/min.)	80 at 30cm at Rated Voltage
Tone/Pulse Rate	Constant
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80
Wave soldering conditions	245±5°C for 3±0.5 seconds.
Manual soldering conditions	350±20°C / within 5sec

2 . Voltage/ Current / Sound Pressure





HITPOINT

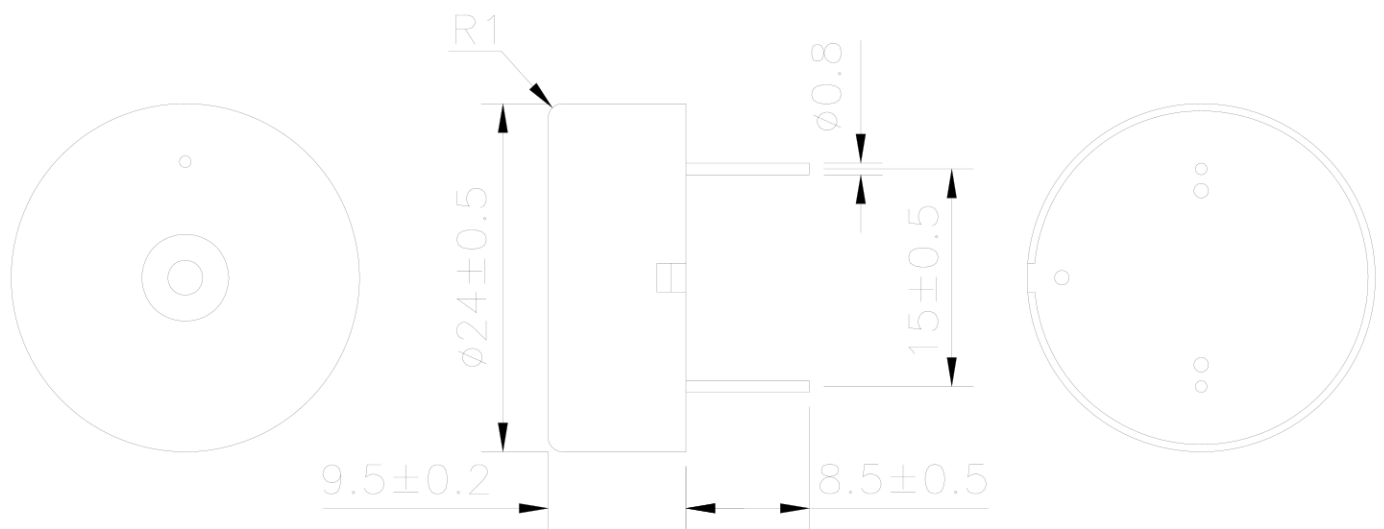
TEL:8862-26013311

FAX:8862-26013898

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

3 . Dimensions and Material

3-1 Shape



Unit : mm

3-2 Material

Housing	ABS 777D UL94HB plastic resin (Color : Black)
Leading Pin	Tin Plated Brass
Weight (Gram)	2.6



HITPOINT

TEL:8862-26013311

FAX:8862-26013898

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

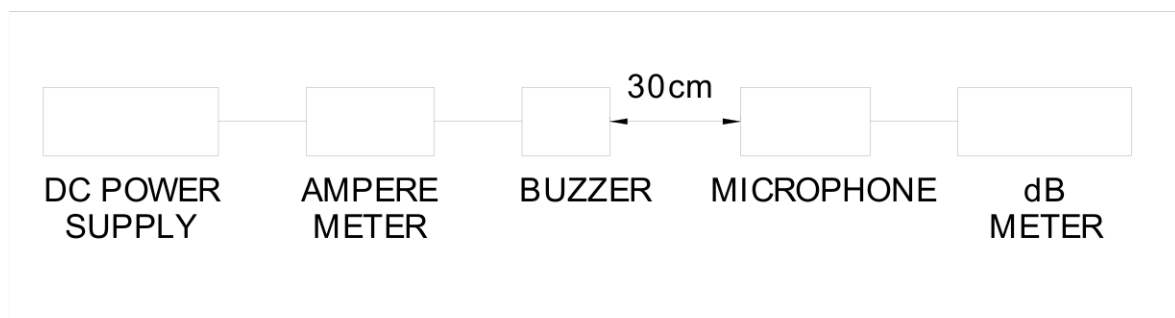
4. TESTING METHOD

• *Standard Measurement conditions*

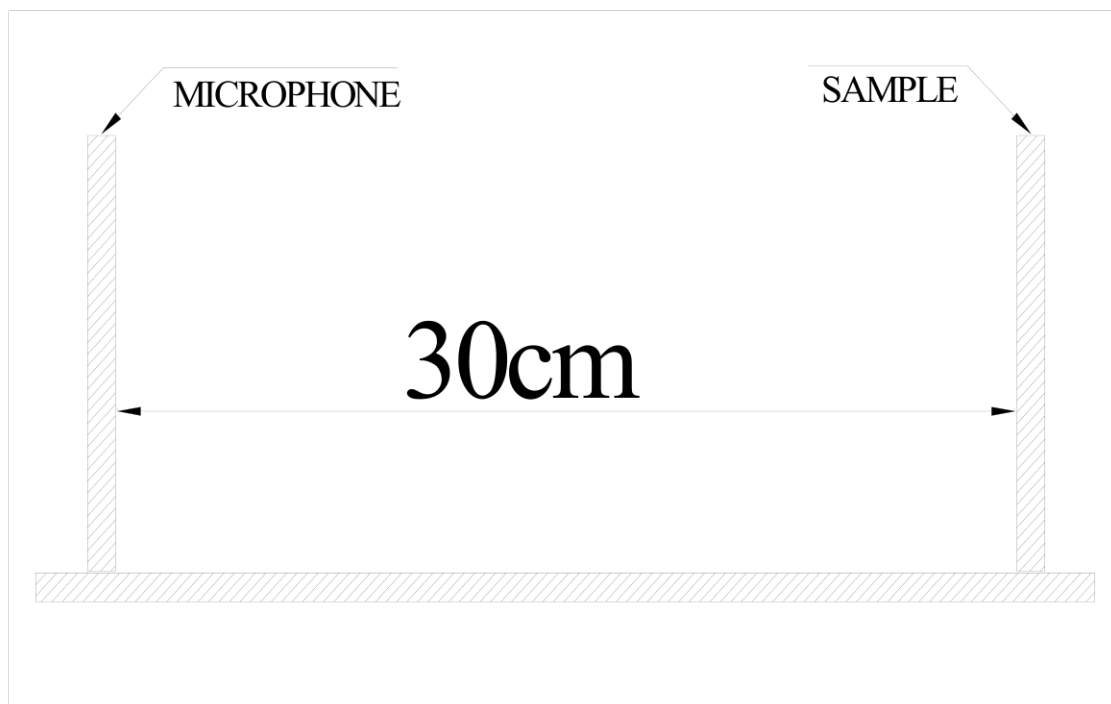
Temperature: 25 ± 2 °C Humidity: 45-60%

• *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

5. RELIABILITY

ITEMS	METHOD OF TEST AND MEASUREMENTS	PERFORMANCE
<i>Coldness withstanding</i>	<i>After 98 hours of being exposed to -30 °C environment, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Hotness withstanding</i>	<i>After 98 hours of being exposed to +80 °C environment, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Humidity withstanding</i>	<i>After 98 hours of being exposed to 40 °C 95%RH environment in actual operation, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Durability</i>	<i>Testing after 1,000 hours actual continuous operation. (at standard measurement conditions)</i>	<i>No abnormality shall exist</i>
<i>Drop withstanding</i>	<i>A natural drop from 75cm high down to the ground.</i>	<i>No abnormality shall exist</i>
<i>Vibration withstanding</i>	<i>Vibration of 2,000 cycles per minute, 2mm amplitude, applied in X, Y and Z directions for 30</i>	<i>No abnormality shall exist</i>

minutes each.

6. PACKAGE METHOD

< 1 > 250pcs per box , Total 10boxes per carton , total 2500pcs carton;
Volume: L*W*H=510*330*300mm

< 2 > RoHS Mark

