勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw

## HY-1625A

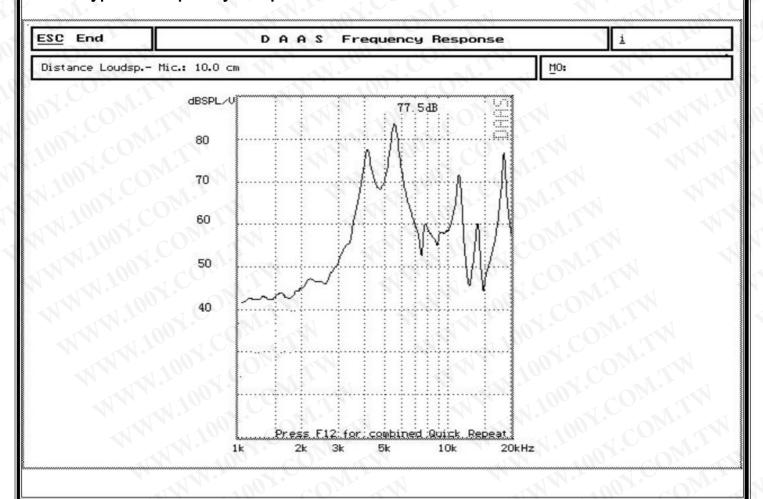
DATE:2009.06.08

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#### 1. Electrical Characteristics

Operating Voltage	Max25Vp-p
Current Consumption	Max 2mA at 3Vp-p/Square Wave/4.1KHz
Sound Pressure Level	Min 75dB at 10cm/ 3Vp-p/Square Wave/4.0KH
Electrostatic Capacity	15000±30%pF at 100Hz/1Vrms
Operating Temperature (℃)	-20~ +70
Storage Temperature (℃)	-30 ~ +80
Dimension	L16×W16×H2.5mm

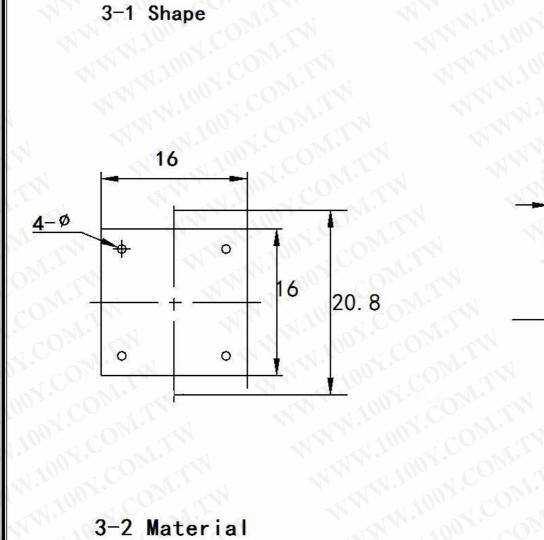
### 2 . Typical Frequency Response Curve

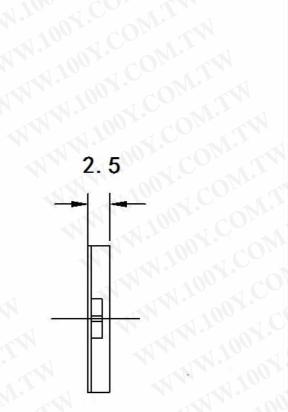


# WW.100Y.COM. WWW.100Y.COM. 3. Dimensions and Material 100X.COM.TW WWW.100Y.COM.TW

W.M.M.100X. 3-1 Shape WWW.100Y.COM.TW WWW.100

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# WW.100Y.COM.TW COMITY 3-2 Material

Housing	LCP Plastic resin(Color:White)	
Terminal	SMD Type	
Weight(Gram)	V. J. M. M. Ing Co. W. J.	

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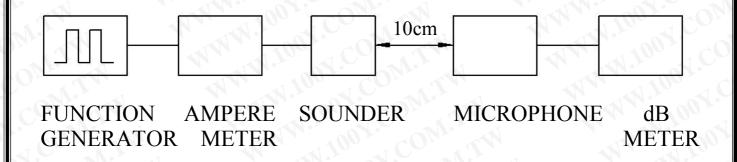
#### 4. TESTING METHOD

#### · Standard Measurement conditions

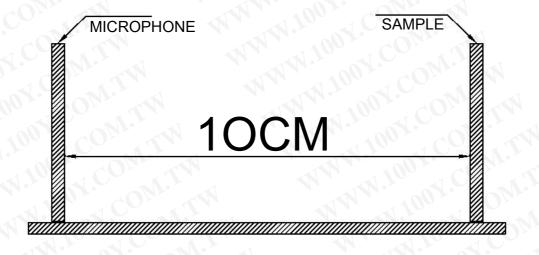
*Temperature:25*±2°C *Humidity:45-60%* 

#### · 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:



## N.M.100X.COM. SE. COM.TM OMITW 5. RELIABILITY

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Coldness	METHOD OF TEST AND MEASUREMENTS  After 98 hours of being exposed to -30℃	PERFORMANCE No abnormality
vithstanding	environment, should be returned to normal environment for 2 hours, then re-proceed to test.	shall exist
Hotness withstanding	After 98 hours of being exposed to +100°C 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°C 95%RH environment in actual operation, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Durability	Testing after 1,000 hours actual continuous operation.(at standard measurement conditions)	No abnormality shall exist
Drop withstanding	A natural drop from 75cm high down to the ground.	No abnormality shall exist
/ibration withstanding	Vibration of 2,000 cycles per minute, 2mm amplitude, applied in X, Y and Z directions for 30 minutes each.	No abnormality shall exist

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NAMEN 100 X COM

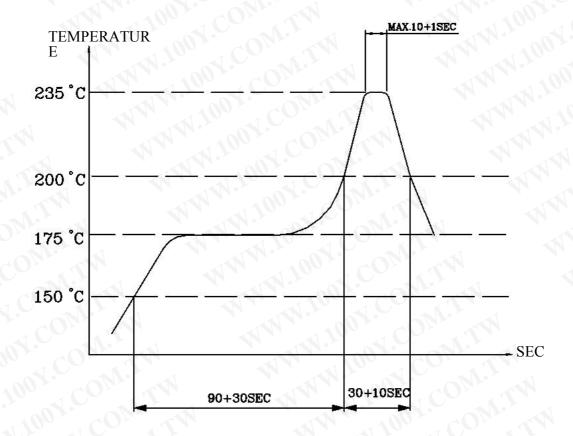
ANNY COM.TY

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#### 6. Soldering Condition

(1)Recommendable reflow soldering condition is as follows (Reflow soldering is twice)

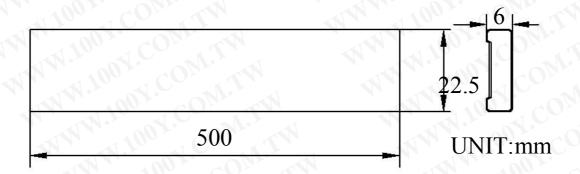
Note: It is requested that reflow soldering should be executed after heat of product goes down to normal.



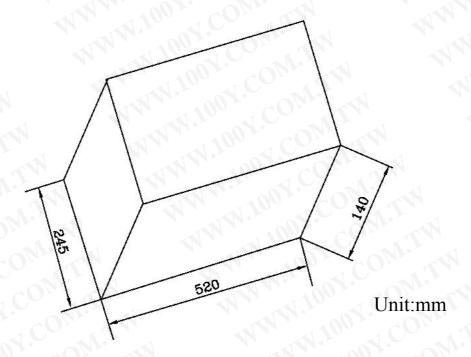
Heat resistant line (Used when heat resistant reliablity test is performed)

(2)Manual soldering
Manual soldering temperature 350 C within 10 sec.

## 8.PACKAGE METHOD



A plastics packing pack 30PCS BUZZER



200 plastics packing pack Inner box 6000PCS