



HITPOINT

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

Magnetic Buzzer PB-7525MQ

(RoHS)

DATE:2009.06.09

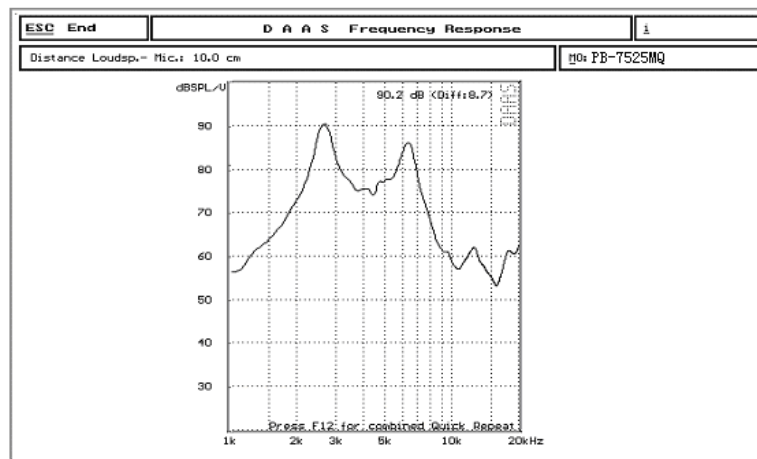
1 . Electrical Characteristics

VER .:2

Resonant Frequency (Hz)	2700
Operating Voltage (Vp-p/max)	2.5~4.5
Rated Voltage (Vp-p)	3.6
Current Consumption (mA/max)	100 at Rated Voltage
Sound Pressure Level (dB/min)	85 at 10cm at Rated Voltage
Coil Resistance (Ω)	15 ± 3
Operating Temperature ($^{\circ}\text{C}$)	$-30 \sim +70$
Storage Temperature ($^{\circ}\text{C}$)	$-40 \sim +80$
Condition by reflow soldering ($^{\circ}\text{C}$)	$250 \pm 5^{\circ}\text{C}$ / within 5sec
Condition by hand ($^{\circ}\text{C}$)	$350 \pm 20^{\circ}\text{C}$ / within 5sec

PS : Vp-p= 1/2duty , square wave

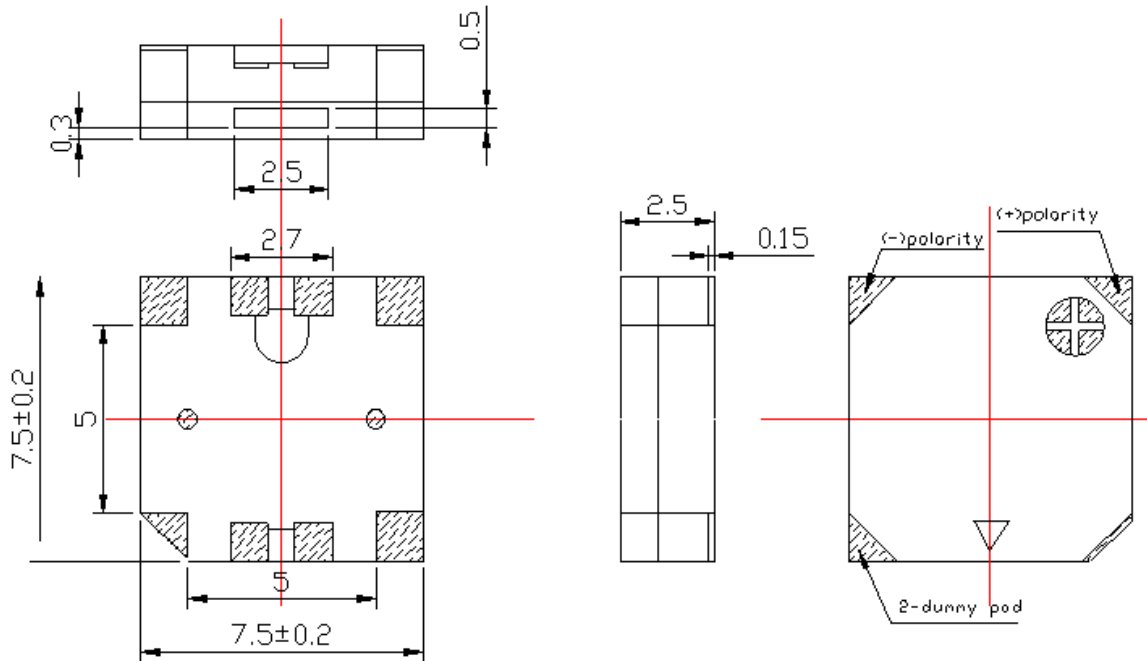
2 . Typical Frequency Response Curve



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3 . Dimensions and Material

3-1 Shape



Unit : mm

3-2 Material

Housing	LCP plastic resin (Color : Black)
Weight (Gram)	0.5



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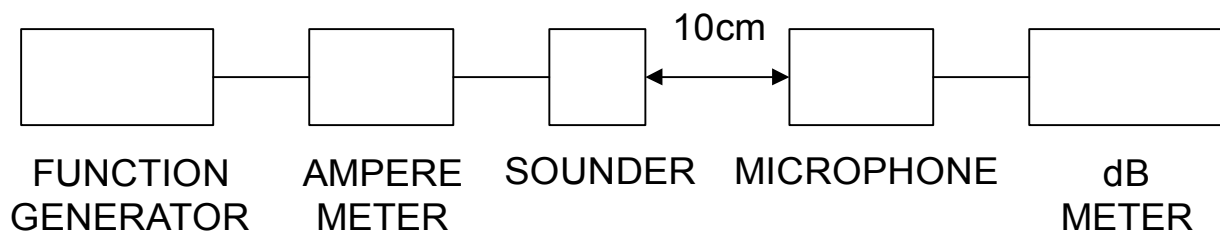
4. TESTING METHOD

. *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.



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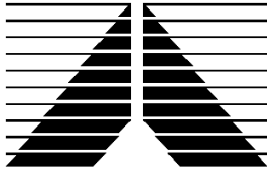
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5. RELIABILITY

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 minutes each.</i>	<i>No abnormality shall exist</i>

6. PACKAGE METHOD

<1>1000pcs per tape reel , Total 8tape reels per carton (total 8000pcs per carton) ;

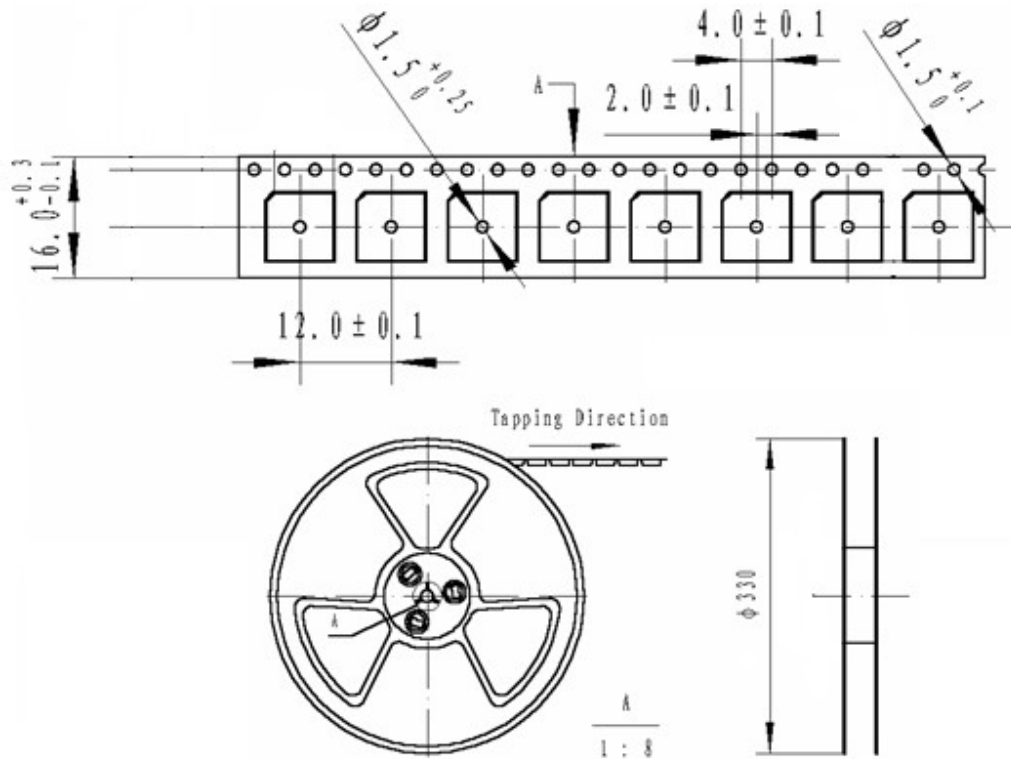


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Volume: L*W*H=520*335*290mm

< 2 > N . W . : 6.0 KGS; G . W . : 8.0KGS;

< 3 > RoHS Mark: