EN: This Datasheet/Document is presented by the manufacturer.

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BUZZ35P

(RoHS)

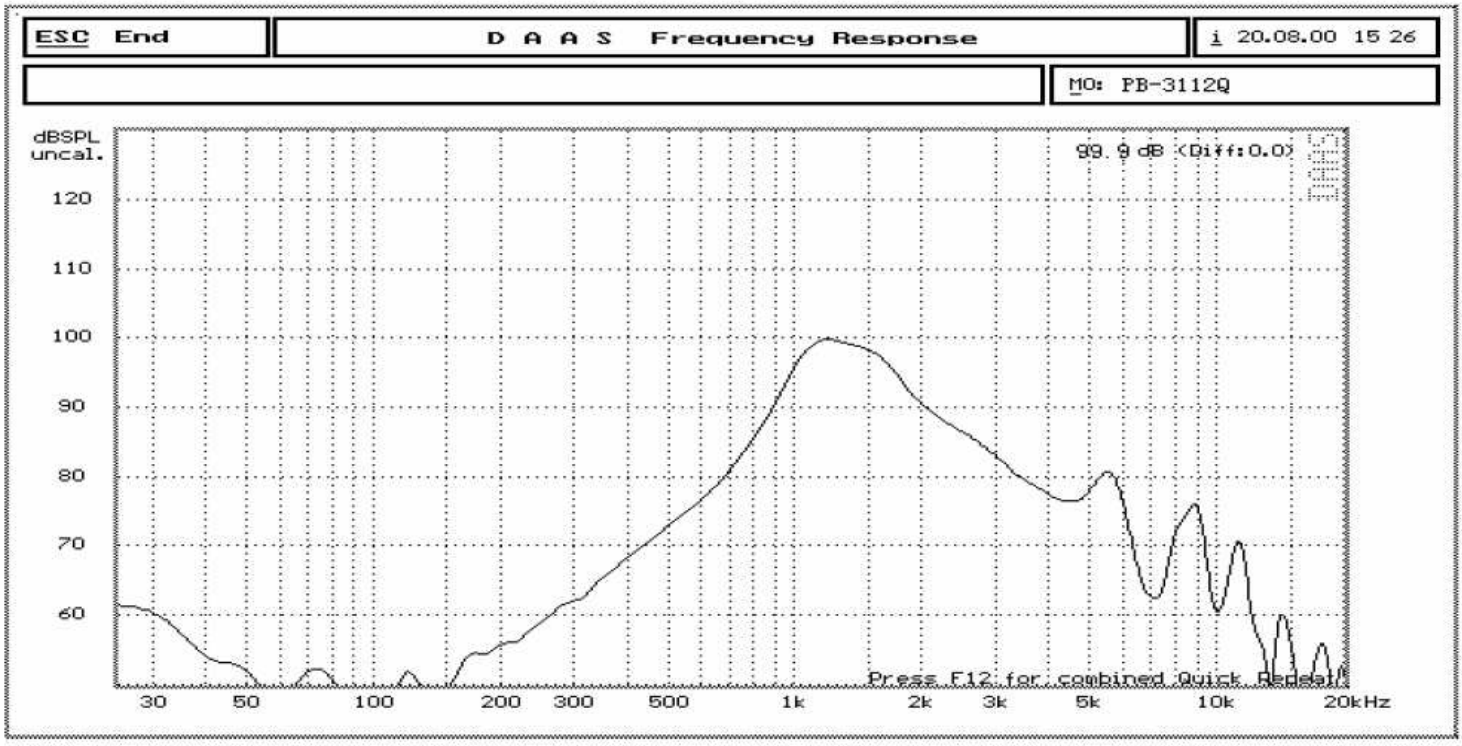
1．Electrical Characteristics

VER .:1

Resonant Frequency (KHz)	1.25 ±0.5
Operating Voltage (Vp-p/max.)	30
Rated Voltage (Vp-p)	5.0
Current Consumption (mA/max.)	1.5 at Rated Voltage
Sound Pressure Level (dB/min.)	70 at 10cm at Rated Voltage
Capacitance (pF)	48,000 ± 30% at 120 Hz
Operating Temperature (℃)	-20 ~ +100
Storage Temperature (℃)	-30 ~ +110
Manual soldering conditions	350±20℃ / within 5sec

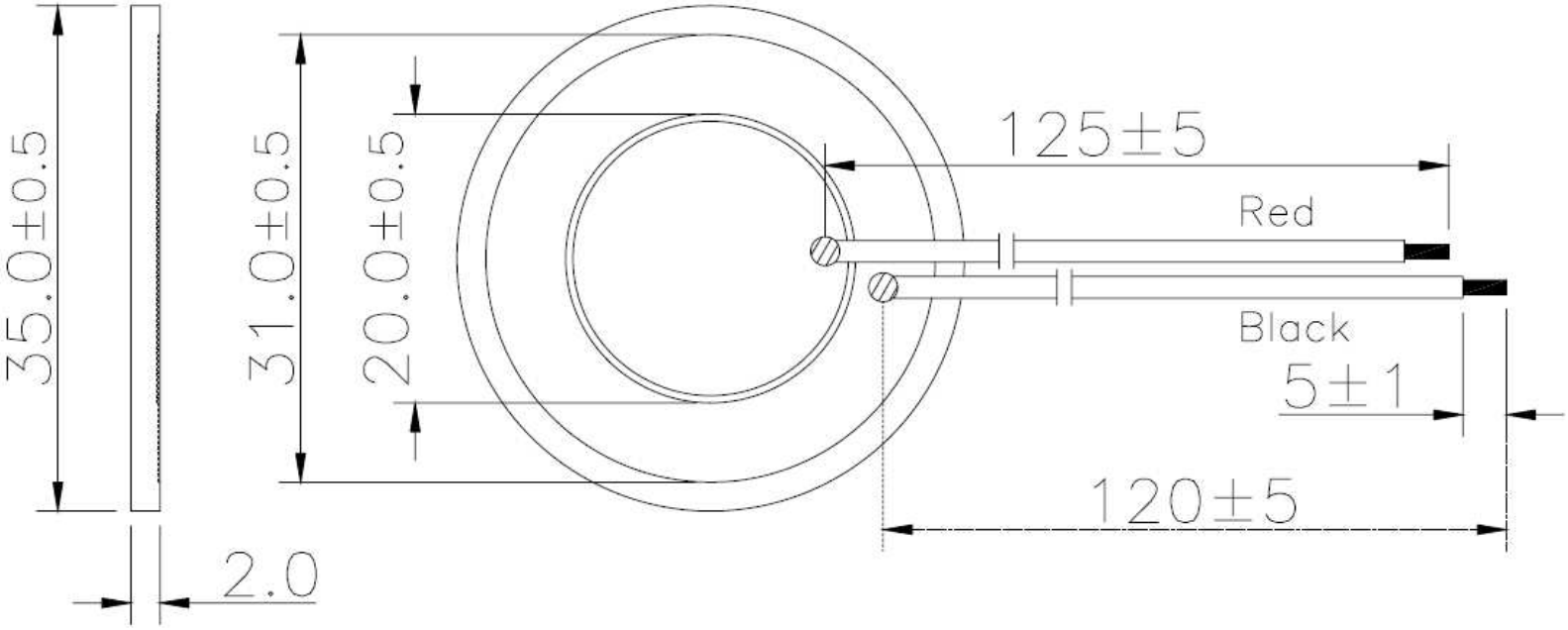
PS：Vp-p＝1/2duty , square wave

2．Typical Frequency Response Curve



3 . Dimensions and Material

3-1 Shape



Unit : mm

3-2 Material

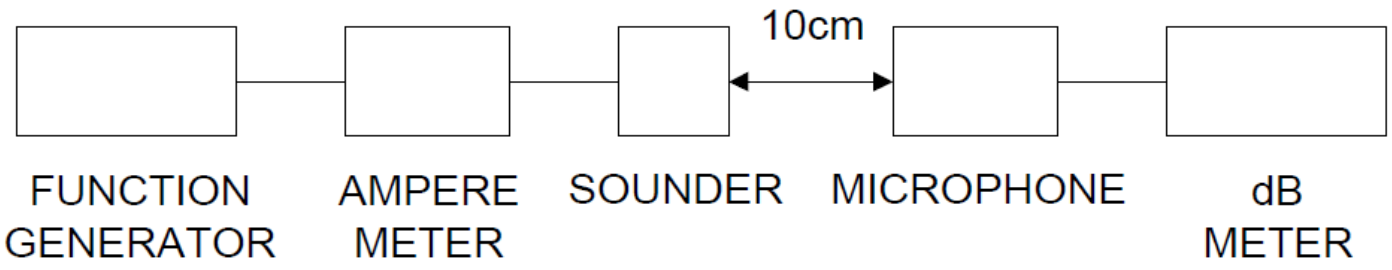
4. TESTING METHOD

· *Standard Measurement conditions*

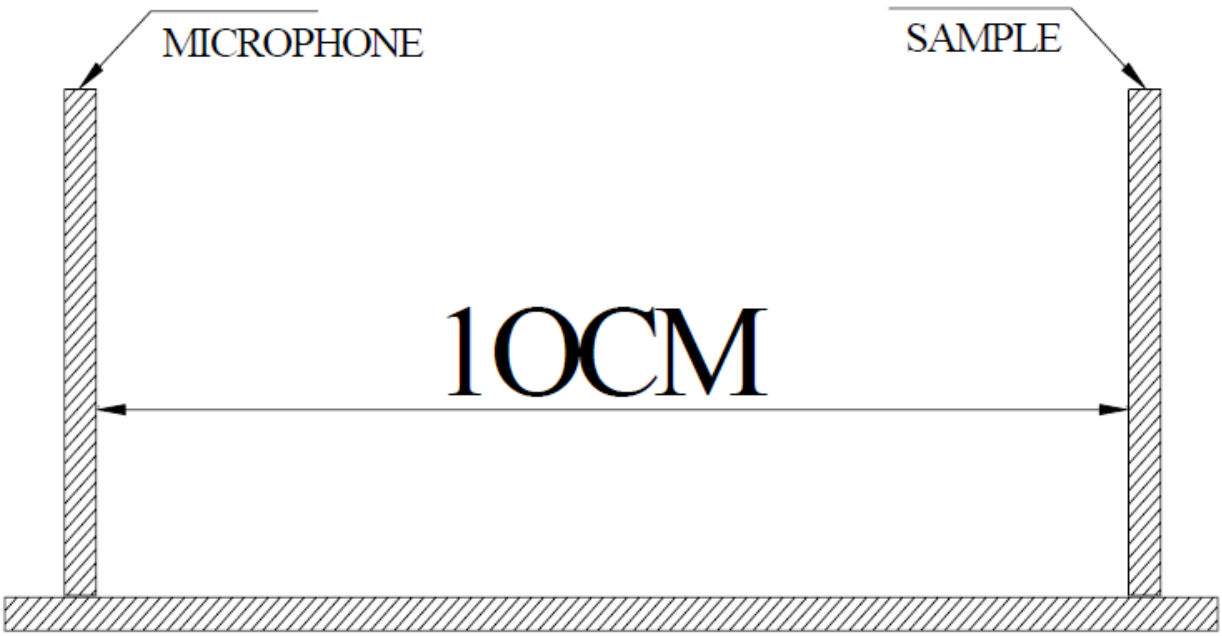
Temperature:25±2℃ Humidity:45-60%

· *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:



5. 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 +110℃ 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
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
Vibration 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