
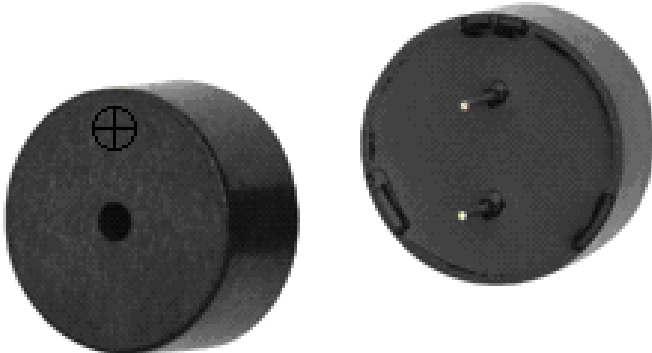


	DATE	07-05-10	SPECIFICATION	dBace Electronic Co., Ltd
	PAGE	1/5		www.dbace-buzzer.com.tw
<i>MODEL NAME:ET-2510P</i>				

SPECIFICATION FOR APPROVAL ELECTRO-MAGNETIC TRANSDUCER

Model Name	ET-2510P
Note	

CUSTOMER	
	DRAWN: 蒋志凯
	CHECKED: 李小芬
	APPROVED: 宋雪琪

ELECTRIC SOUNDER

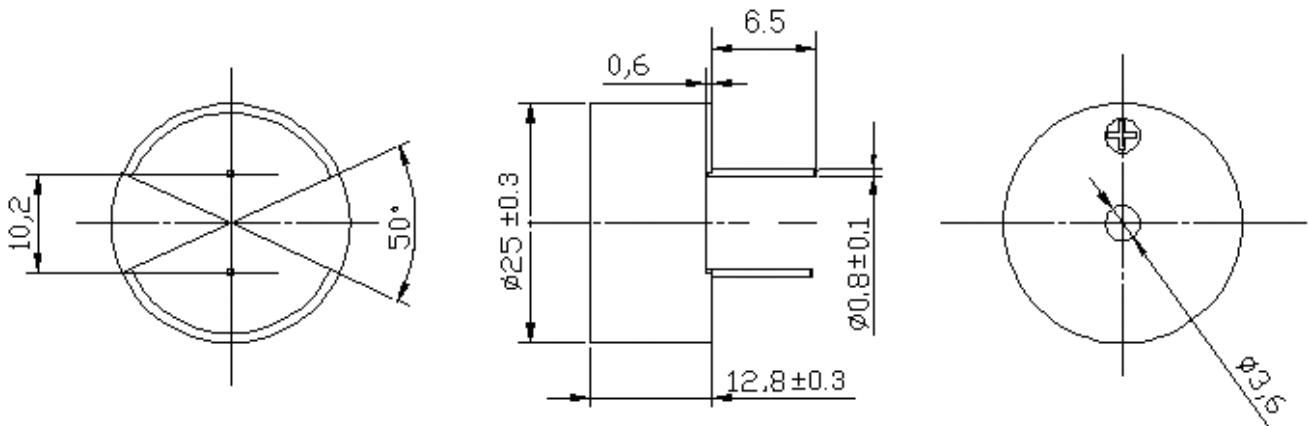
1	Rated Voltage (V)	12
2	Operating Voltage (V)	9~16
3	Resonant Frequency (Hz)	1000
4	Coil Resistance (Ω)	115 ± 15
5	*Sound Output at 10cm (dB)	≥ 90
6	*Current Consumption (mA)	≤ 40
7	Operating Temperature ($^{\circ}\text{C}$)	-20~+70
8	Storage Temperature ($^{\circ}\text{C}$)	-30~+80
9	Weight (g)	8

*Applying rated voltage (Resonant frequency, 1/2 duty, Square wave)

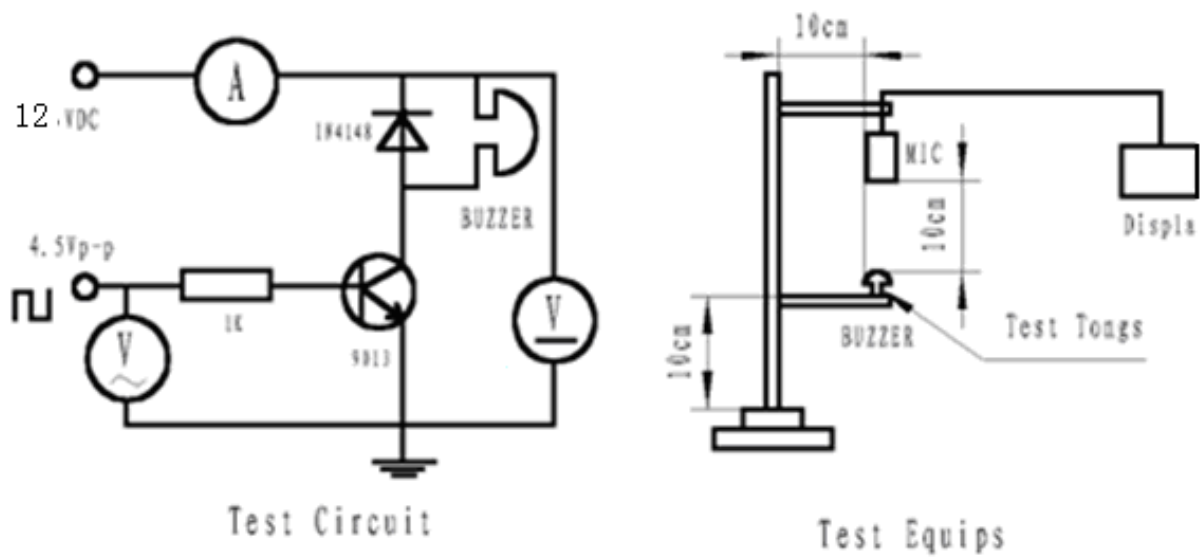
DIMENSIONS (UNIT: mm)

***Housing Material: PPO**

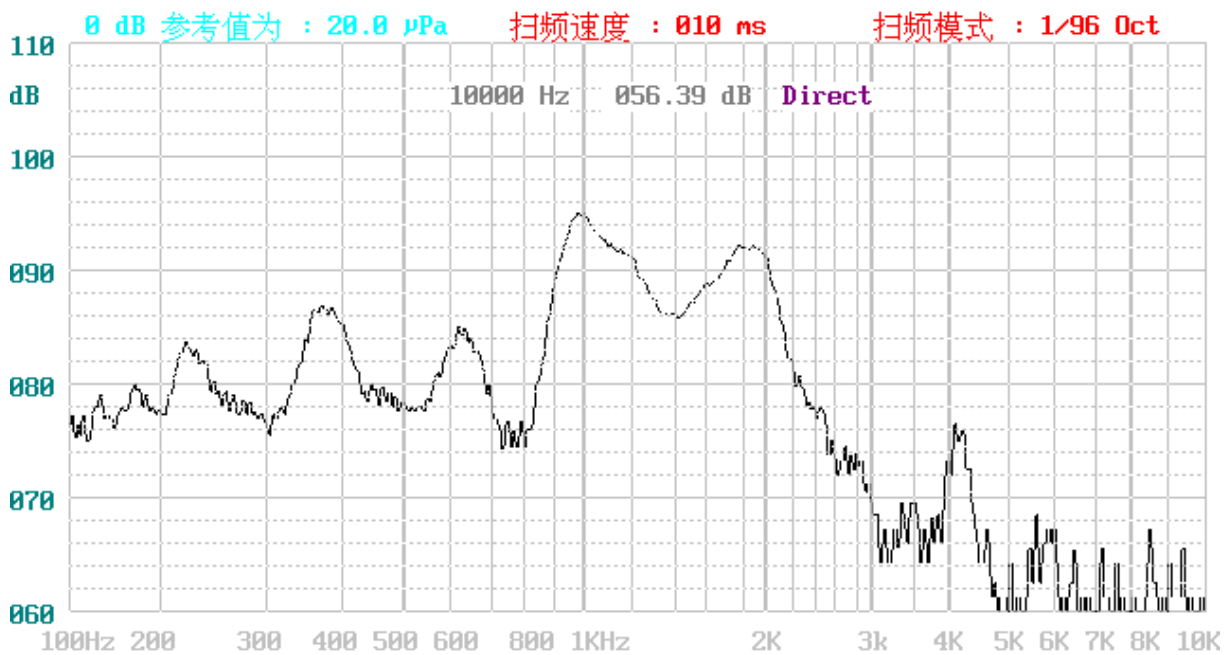
Tolerance: $\pm 0.5\text{mm}$ Except Specified



TEST METHOD:



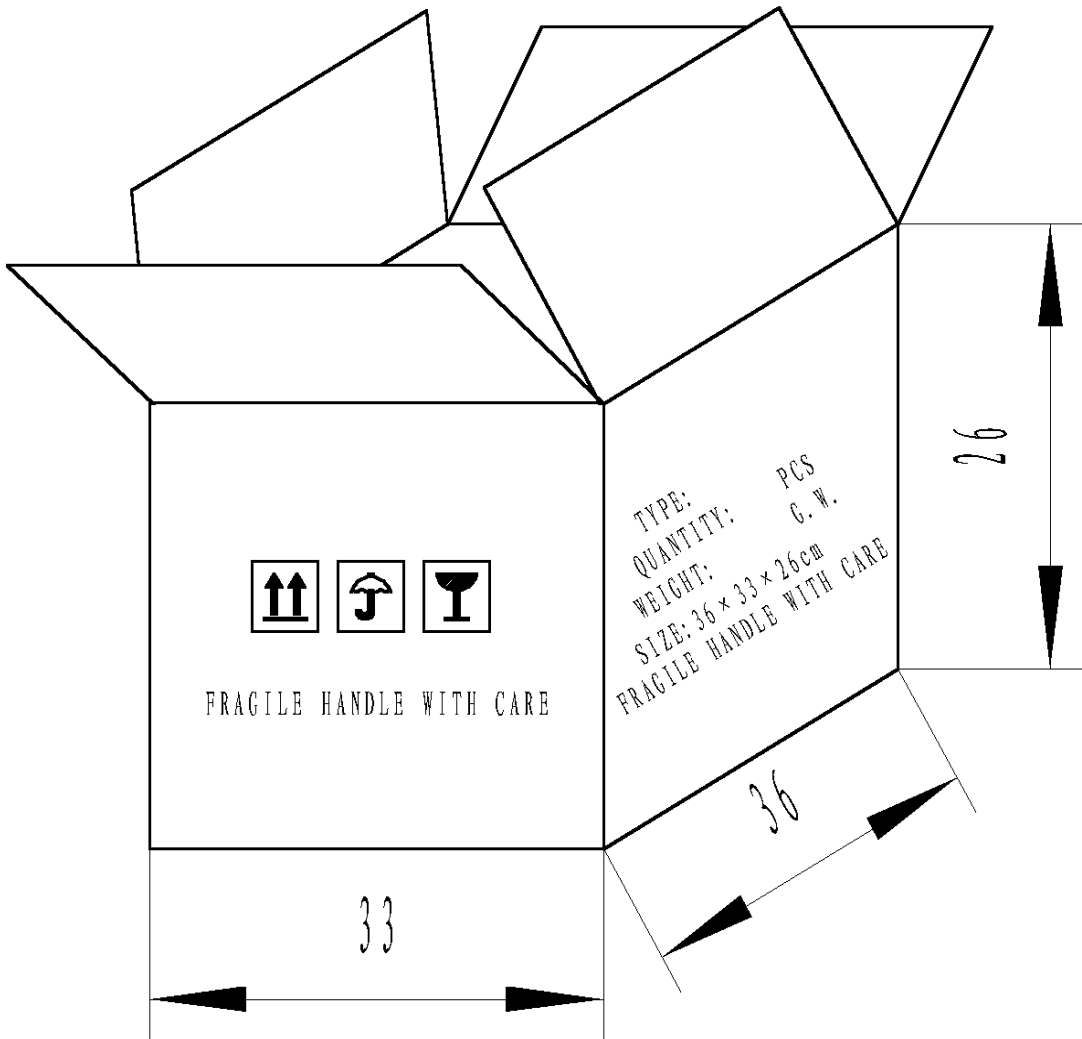
FREQUENCY RESPONSE:



RELIABLY TEST:

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	40±2°C, 93(+2/-3)%RH, 96HRS	<p>Sound pressure level initial value ± 10dB</p> <p>Max. current value ± 1mA</p> <p>Oscillating frequency value ± 300Hz.</p>
2	High temp.	+80±2°C, 96HRS	
3	Low temp.	-30±2°C, 96HRS	
4	Temperature Cycling	-30±2°C, 30minutes room temp. 15 minutes +80±2°C, 30 minutes room temp. 15 minutes 5 cycles	
5	Drop test	3 times from height of 70cm onto the surface of 10mm thick wooden board.	
6	Vibration test	Make the test for the directions of X Y and Z (total 0.5 hours). To-and-fro. sweep time (from 10 to 55 Hz and then from 55 to 10Hz) under single amplitude of 1.0mm is 1 minute.	
7	Solder heat resistance	The part leads (pins) shall be immersed in molten solder maintained at 250±10°C for a period of 30 seconds.	

PACKING:



NOTES:

1. 50 PCS per bag
2. Total 20 bags per box
3. Total 1000 PCS box
4. Volume: $36 \times 33 \times 26\text{cm}$

