



GAIA TECH

Data Sheet

Customer:

Part No:

Sample No:

Description:

Item No:

GTD-1407B

BUZZER

Customer			
Check	Inspection	Approval	Date



General specification

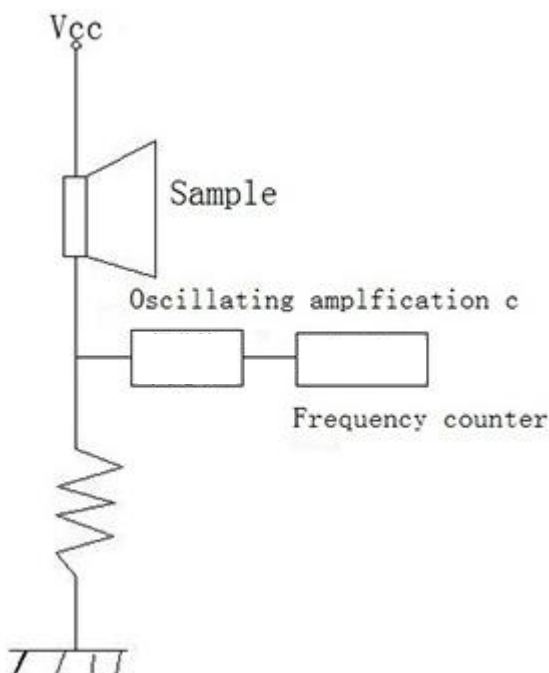
Item		Spec	Condition
1	Rated voltage	12VDC	
2	Operation voltage	3~24VDC	
3	Sound Pressure Level=SPL	Min 85dB	Standard State, Standard Drive Circuit. Rated voltage, Distance at 0.1m
4	Average consumption current	Max 8mA	
5	Oscillation frequency	4500±500Hz	
6	Range of operation temperature	-20~+70°C	
7	Range of preservation temperature	-30~+80°C	
8	Externals size	Φ14.1*7	Refer to the attached drawing
9	Mass	2g	

☆Standard State: Ordinary Temp(15~35°C), Humidity(25~85%RH), Air pressure(860~1060hPa)

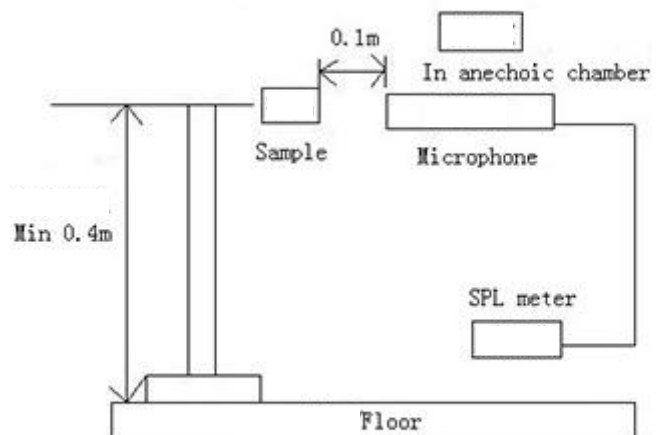
In case of doubtful judgment, the test is re-performed under Basic State.

☆Basic State: Temp.(20±2°C), Humidity(60~70%RH), Air pressure(860~1060hPa)

<Standard Drive Circuit>

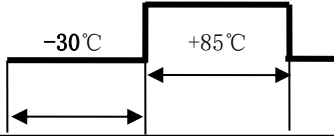
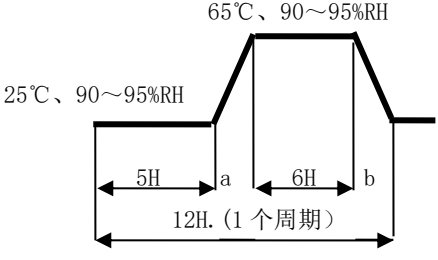


<Standard Test Fixture>





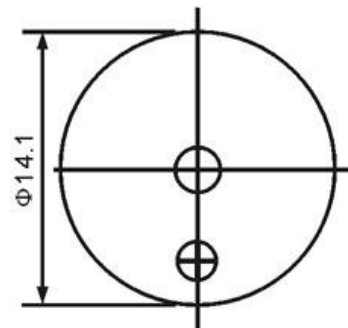
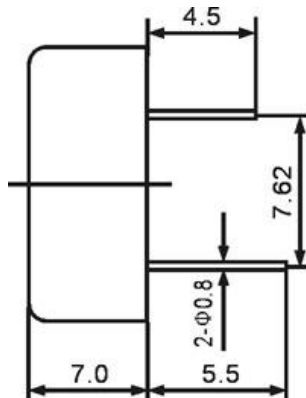
Reliability specification

Item	Test condition	Criteria	Reference specifications
High temperature Preservation	Exposure to +85°C for 96 hrs.	After the test the part shall meet specifications without any degradation in appearance And performance except SPL. SPL shall be 80 dB More. (at 4500±500 Hz)	GB/T 2423.2
Low temperature preservation	Exposure to -30°C for 96 hrs.		GB/T 2423.1
Thermal Shock	 <p>10 cycles</p>		GB/T 2423.4
Thermal, Humidity Shock	 <p>10 cycles</p>		
OrdinaryTemp. Life	Driving the sounder at 12VDC for 1000hrs in the room temperature (25°C±10°C)		
High Temp. Life	Driving the sounder at 12VDC for 500hrs in the low temperature (+80°C)		
LowTemp. Life	Driving the sounder at 12VDC for 500hrs in the low temperature (-20°C)		

Dimension

(UNT: mm)

Tolerance: ±0.5mm Except Specified





Frequency Response:

