



GAIA TECH

Data Sheet

Customer:

Part No:

Sample No:

Description:

Item No:

GTD-1407B(3-24V통-용)

BUZZER

Customer			
Check	Inspection	Approval	Date



GAIA TECH

GTD-1407B(3-24V통용)

General specification

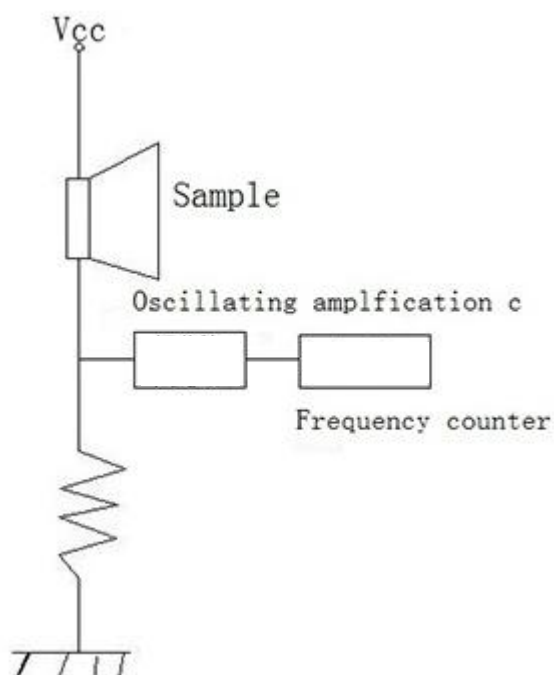
Item		Spec	Condition
1	Rated voltage	12VDC	
2	Operation voltage	3~24VDC	
3	Sound Pressure Level=SPL	Min 85dB	Standard State, Standard Drive Circuit. Rated voltage, Distance at 0.1m
4	Average consumption current	Max 8mA	
5	Oscillation frequency	4500±500Hz	
6	Range of operation temperature	-20~+70°C	
7	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)

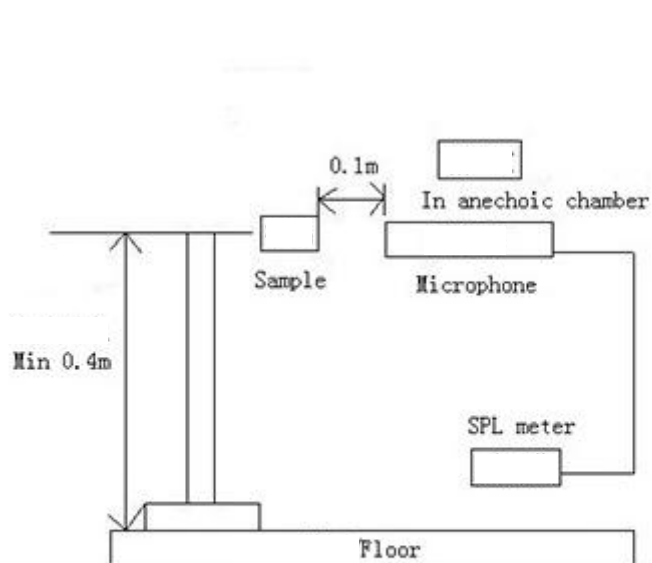
In case of doubtful judgment, the test is re—performed under Basic State.

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

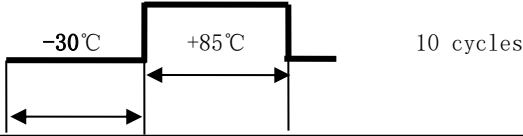
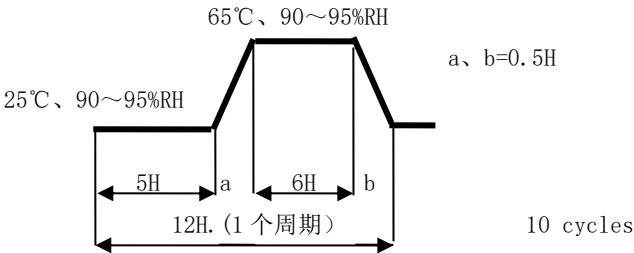
<Standard Drive Circuit>



<Standard Test Fixture>



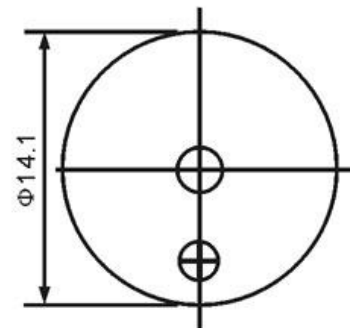
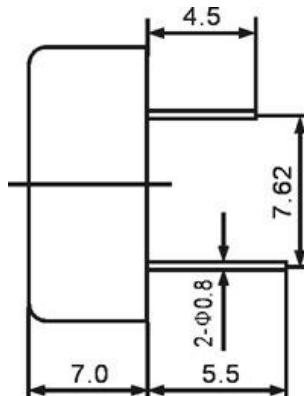
Reliability specification

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

Dimension

(UNT: mm)

Tolerance: ±0.5mm Except Specified



Frequency Response:

