



GAIA TECH

Data Sheet

Customer:

Part No:

Sample No:

Description:

Item No:

GTR-1407A

BUZZER

Customer			
Check	Inspection	Approval	Date

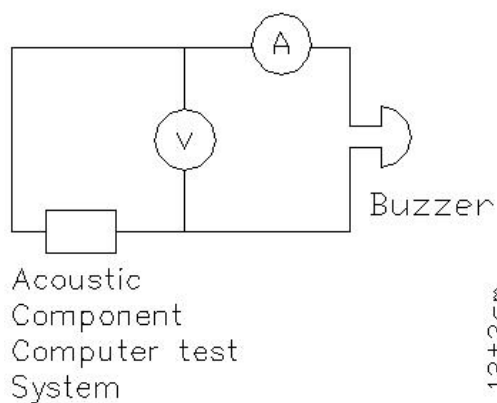
Item		Spec	Condition
1	Rated voltage	12VDC	
2	Operation voltage	1~30VDC	
3	Sound Pressure Level=SPL	Min 80dB	Standard State,Standard Drive Circuit . Rated voltage,Distance at 0.1m
4	Average consumption current	Max 2mA	
5	Oscillation frequency	4000±500Hz	
6	Range of operation temperature	-20~+70°C	
7	Range of preservation temperature	-30~+80°C	
8	Externals size	Φ14.1*7	Refer to the attached drawing
9	Mass	1g	

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

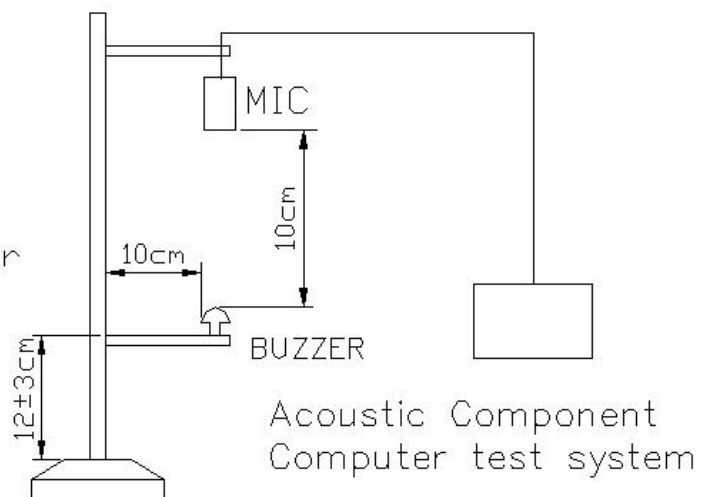
In case of doubtful judgment,the test is re—performed under Basic State.

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

<Standard Drive Circuit>



<Standard Test Fixture>

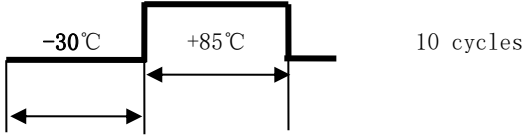
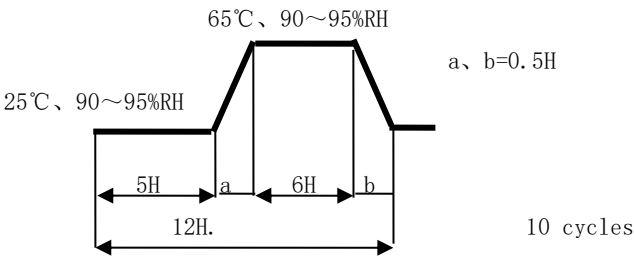




Reliability specification

GAIA TECH

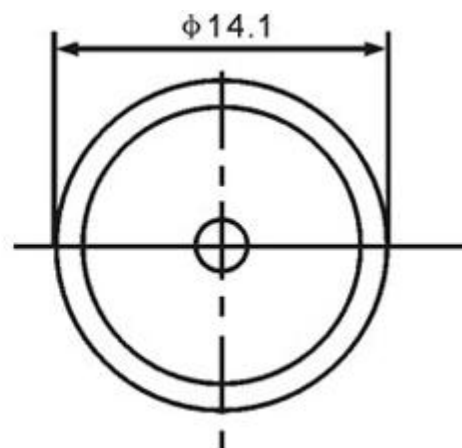
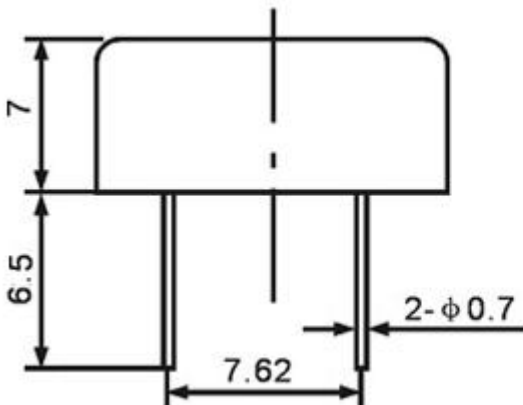
GTR-1407A

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 4000±500 Hz)	GB/T 2423.2
Low temperature preservation	Exposure to -30°C for 96 hrs.		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°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:

