



**GAIA TECH**

## Data Sheet

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Customer:

Part No:

Sample No:

Description:

Item No:

_____
GTD-3020
_____
BUZZER
_____
_____

Customer			
Check	Inspection	Approval	Date



General specification

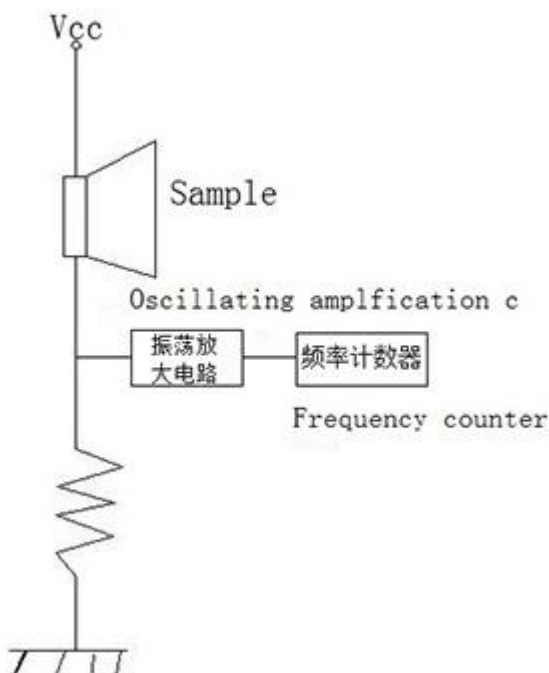
Item		Spec	Condition
1	Rated voltage	12VDC	
2	Operation voltage	3~24VDC	
3	Sound Pressure Level=SPL	Min 100dB	Standard State,Standard Drive Circuit .Rated voltage,Distance at 0.1m
4	Average consumption current	Max 13mA	
5	Oscillation frequency	3500±500Hz	
6	Range of operation temperature	-20~+80°C	
7	Range of preservation temperature	-30~+80°C	
8	Externals size	Φ30*20	Refer to the attached drawing
9	Mass	8.6g	

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

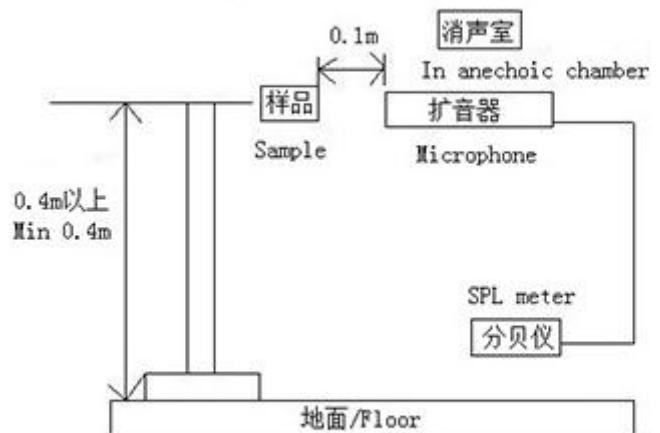
In case of doubtful judgment,the test is re—performed under Basic State.

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

<Standard Drive Circuit>

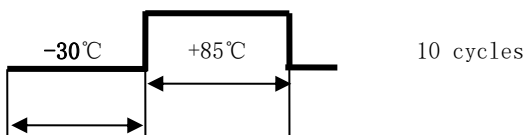
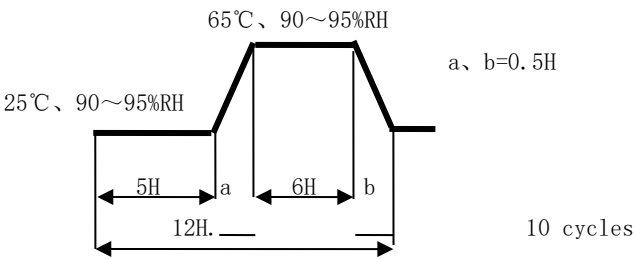


<Standard Test Fixture>





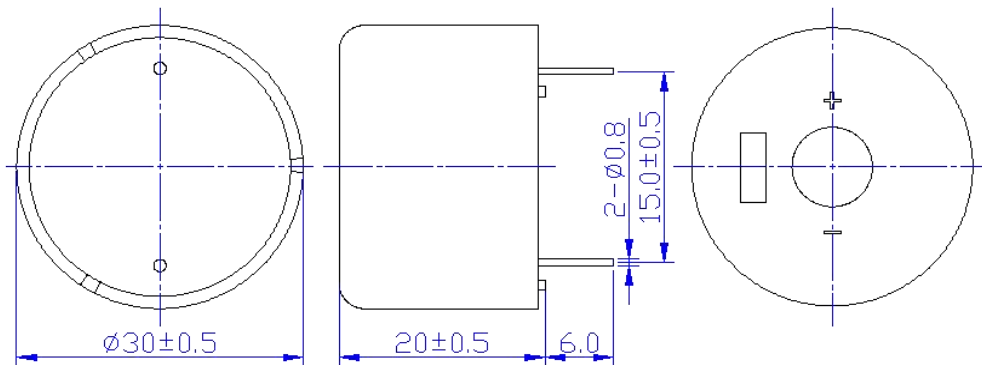
Reliability specification

Item	Test condition	Criteria	Reference specifications
High temperature Preservation	Exposure to +80°C for 96 hrs.	After the test the part shall meet specifications without any degradation in appearance And performance except SPL. SPL shall be 100 dB More. (at 3500±500 Hz)	GB/T 2423.2
Low temperature preservation	Exposure to -30°C for 96 hrs.		GB/T 2423.1
Thermal Shock			GB/T 2423.4
Thermal, Humidity Shock			
Ordinary Temp. 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)		
Low Temp. Life	Driving the sounder at 12VDC for 500hrs in the low temperature (-20°C)		

Dimension

(UNT: mm)

Tolerance: ±0.5mm Except Specified



Frequency Response:

