

This specifications apply the HYD-2316L buzzer.

General specification

Item		Spec	条件/Condition
1	Rated voltage	12VDC	
2	Operation voltage	3~24VDC	
3	Sound Pressure Level=SPL	Min 90dB	Standard State,Standard Drive Circuit. Rated voltage,Distance at 0.1m
4	Average consumption current	Max 8mA	
5	Oscillation frequency	3700±500Hz	
6	Range of operation temperature	-20~+70℃	
7	Range of preservation temperature	-30~+80℃	
8	Externals size	ø23x16	Refer to the attached drawing
9	Mass	5g	

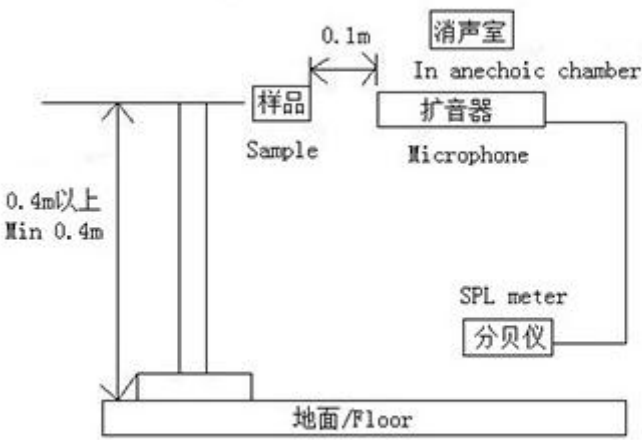
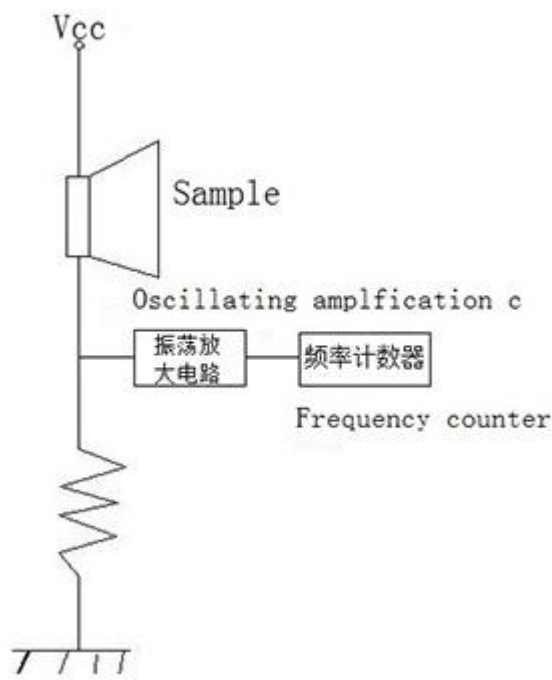
Standard State:Ordinary Temp(15~35℃),Humidity(25~85%RH),Air pressure(860~1060hPa)

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

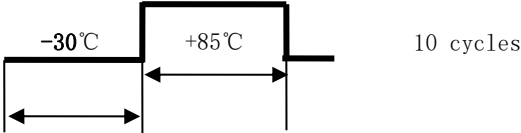
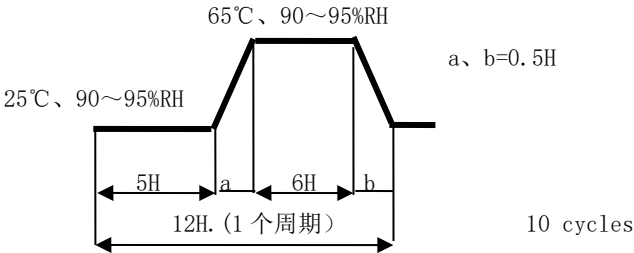
☆ Basic State: Temp.(20±2℃),Humidity(60~70%RH),Air pressure(860~1060hPa)

<Standard Drive Circuit>

<Standard Test Fixture>



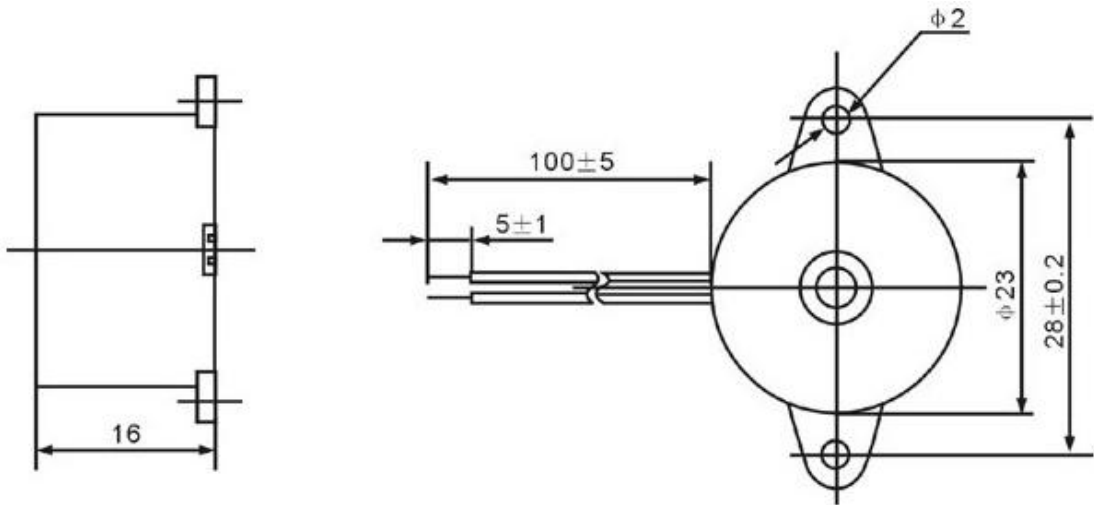
Reliability specification

Item	Test condition	Criteria	
High temperature Preservation	Exposure to +85℃ for 96 hrs.	-ons without any degra -dation in appearance And performance except SPL. SPL shall be 80 dB More. (at 3700±500 Hz)	GB/T 2423. 2
低温保存试验 Low temperature preservation	Exposure to -30℃ for 96 hrs.		GB/T 2423. 1
Thermal Shock	 10 cycles		GB/T 2423.4
Thermal, Humidity Shock	 10 cycles		
Ordinary Temp. 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℃)		
Low Temp. Life	Driving the sounder at 12VDC for 500hrs in the low temperature (-20℃)		

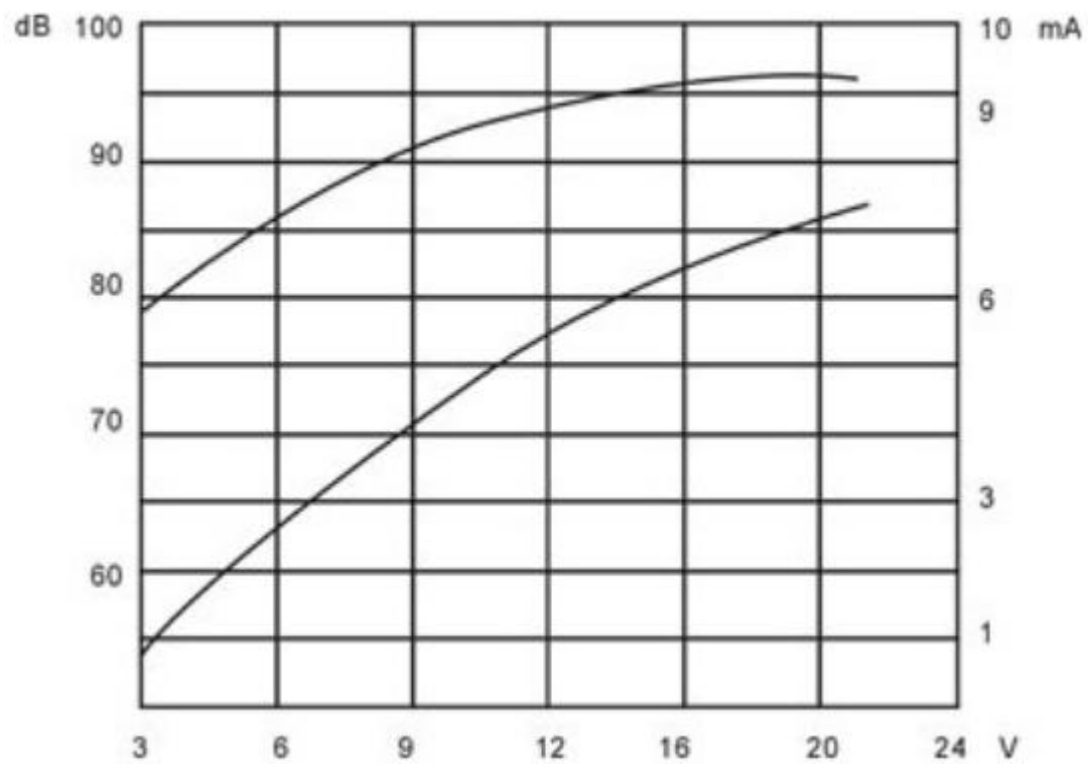
Dimension

(UNT: mm)

Tolerance: ±0.5mm Except Specified



Frequency Response:



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