

规格书

Specification

品 名
Model name

HYD-2310B

PROPRIETARY
Huayu Electronic co.,Ltd.

CONFIDENTIAL
Huayu Electronic co.,Ltd.

Version #	Spec V1.1
制作日期 Date	2022/03/01
准备 Prepared	Yi Shen Acoustic specialist,R&D Dept.
承认 Approved	Qian Wanjin Executive Manager,R&D Dept.



兴化市华宇电子有限公司

地址：江苏省兴化市陈堡工业区人民路 1 号

1.适用范围：本规范适用于 HYD-2310B 蜂鸣器。
This specifications apply the HYD-2310B buzzer.

2.基本规格/General specification

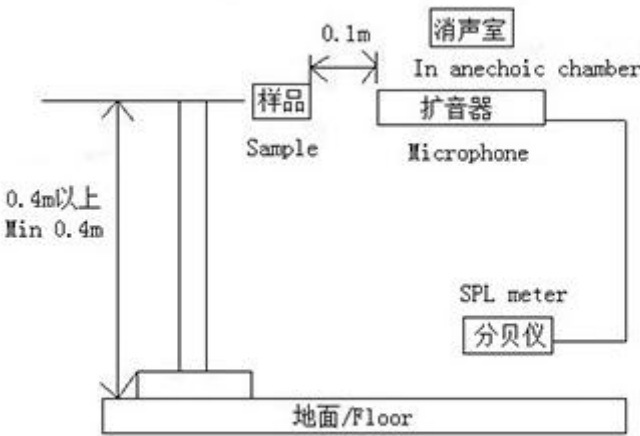
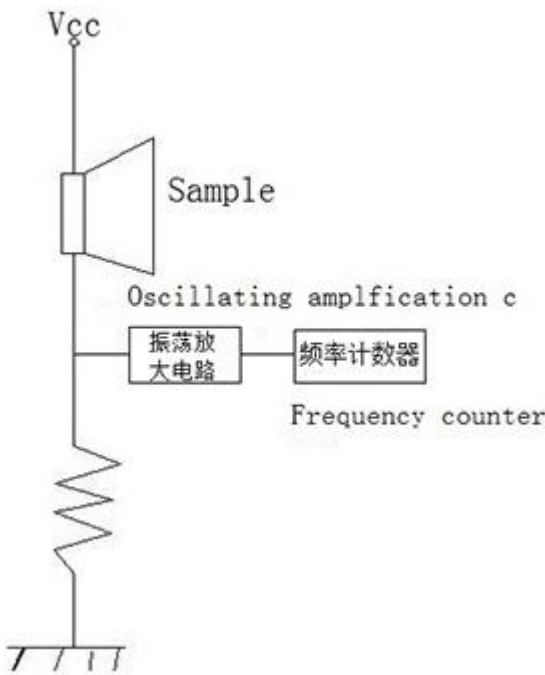
项目/Item		规格/Spec	条件/Condition
1	额定电压 Rated voltage	12VDC	
2	工作电压 Operation voltage	3~24VDC	
3	声压 Sound Pressure Level=SPL	Min 85dB	测试环境：标准状态，标准驱动电路，额定电压 测试距离：0.1m Standard State,Standard Drive Circuit. Rated voltage,Distance at 0.1m
4	平均消费电流 Average consumption current	Max 10mA	
5	振荡频率 Oscillation frequency	3500±500Hz	
6	工作温度范围 Range of operation temperature	-20~+70℃	
7	保存温度范围 Range of preservation temperature	-30~+80℃	
8	外部尺寸 Externals size	Φ23*10	参阅附图 Refer to the attached drawing
9	重量 Mass	2g	

☆标准状态：常温（15~35℃），湿度（25~85%相对湿度），空气压力（860~1060hpa）
在假设的情况判断，测试是一基本状态下进行。

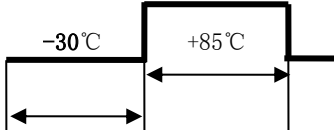
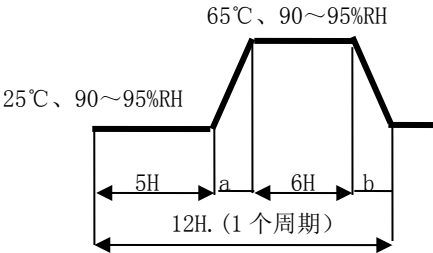
Standard State:Ordinary Temp(15~35℃),Humidity(25~85%RH),Air pressure(860~1060hPa)
In case of doubtful judgment,the test is re—performed under Basic State.

☆基本情况：温度。（20±2℃），湿度（60~70%相对湿度），空气压力（860~1060hpa）
Basic State: Temp.(20±2℃),Humidity(60~70%RH),Air pressure(860~1060hPa)

<标准驱动电路>/<Standard Drive Circuit> <标标测试治具>/<Standard Test Fixture>



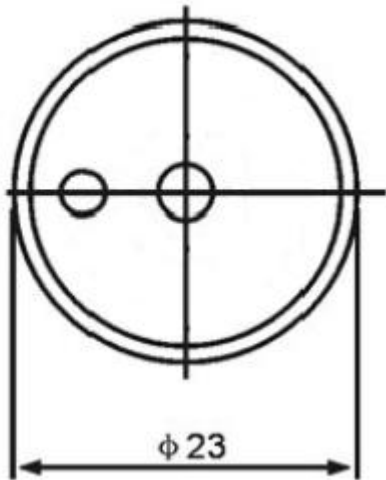
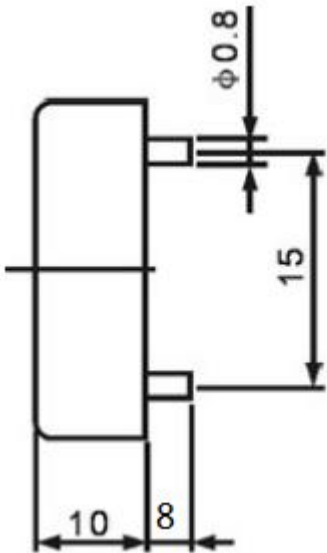
3.可靠性规范/Reliability specification

项目/Item	试验条件/Test condition	判断标准/Criteria	引用规格
高温保存试验 High temperature Preservation	+85℃环境下放置 96 小时 Exposure to +85℃ for 96 hrs.	经过测试，符合规格，没有任何不合格的外观和性能，除了是 80 分贝或以上（3500±500 Hz）	GB/T 2423.2
低温保存试验 Low temperature preservation	-30℃环境下放置 96 小时 Exposure to -30℃ 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 3500±500 Hz)	GB/T 2423.1
耐温试验 Thermal Shock	 10 次周期 10 cycles		GB/T 2423.4
温湿度试验 Thermal, Humidity Shock	 a、b=0.5H 10 cycles		
常温寿命试验 Ordinary Temp. Life	常温（25℃±10℃）电压 12VDC 连续测试 1000 小时 Driving the sounder at 12VDC for 1000hrs in the room temperature (25℃±10℃)		
高温寿命试验 High Temp. Life	高温（+80℃）电压 12VDC 连续测试 500 小时 Driving the sounder at 12VDC for 500hrs in the low temperature (+80℃)		
低温寿命试验 Low Temp. Life	低温（-20℃）电压 12VDC 连续测试 500 小时 Driving the sounder at 12VDC for 500hrs in the low temperature (-20℃)		

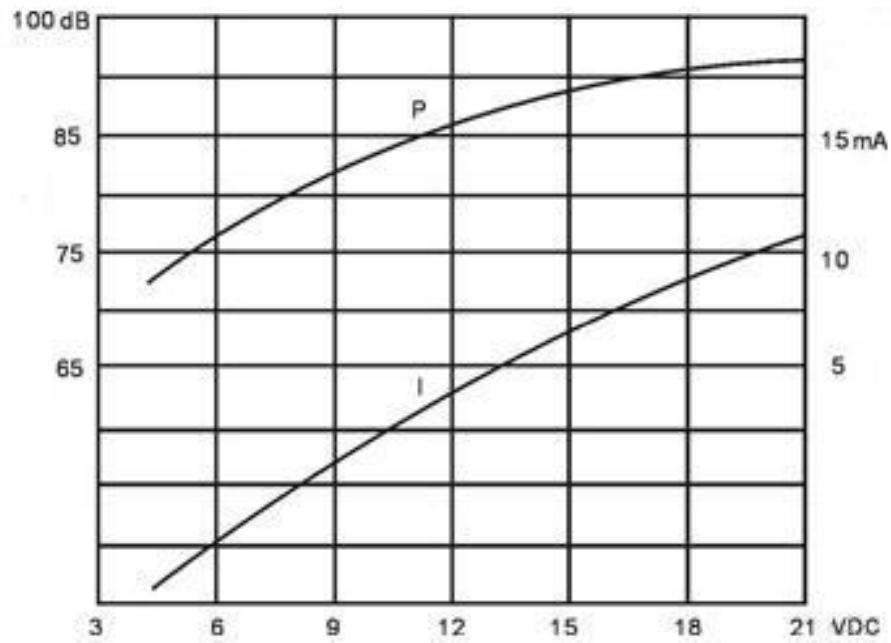
4. 尺寸图/Dimension

(UNT: mm)

Tolerance: ±0.5mm Except Specified



5. 频率图/Frequency Response:



兴化市华宇电子有限公司

地址：江苏省兴化市陈堡工业区人民路 1 号

Components Operating Div.
Huayu Electronic co.,Ltd