



## PRODUCT SPECIFICATION

Product Name: Magnetic Buzzer

Part Number: MSES12C25PV5BE

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DRAWING BY	CHECKED BY	APPROVED BY
CHEN YUAN	YUE QIN	JIN LI

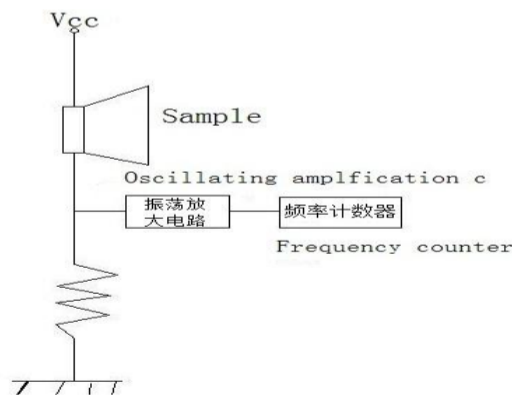
## 1.SPECIFICATION

1	Rated voltage	5VDC	
2	Operation voltage	4~8VDC	
3	Sound Pressure Level=SPL	Min 85dB	Standard State,Standard Drive Circuit.
4	current	≤ 30mA	Rated voltage,Distance at 0.1m
5	Oscillation frequency	2500±200	
6	Response time	Max 50mS	Lowest operation voltage
7	Range of operation temperature	-20~+75°C	SPL ≥85dB
8	Range of preservation temperature	-30~+85°C	
9	Terminal strength	10N	Pull load on the direction of the terminal axis
10	Externals size	Φ12x9.5	Refer to the attached drawing
11	Mass	2g	

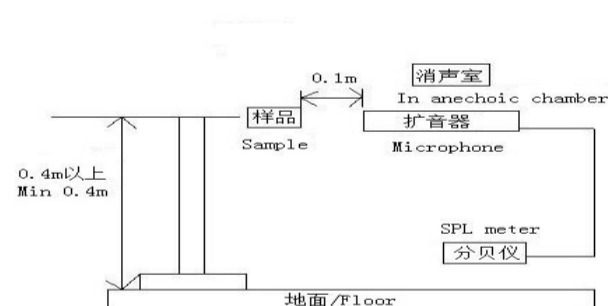
**Standard State:Ordinary Temp(15~35°C),Humidity(25~85%RH),Air pressure(860~1060hPa)**  
**In case of doubtful judgment,the test is re—performed under Basic State.**

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

<Standard Drive Circuit>



<Standard Test Fixture>

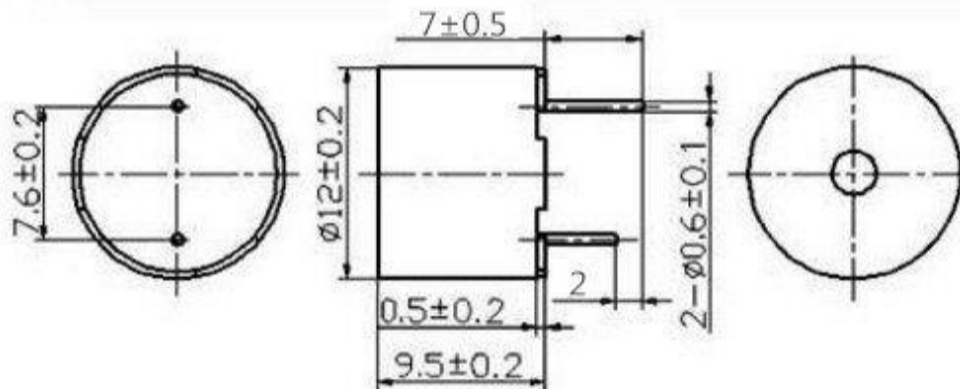


## 2.RELIABILITY SPECIFICATION

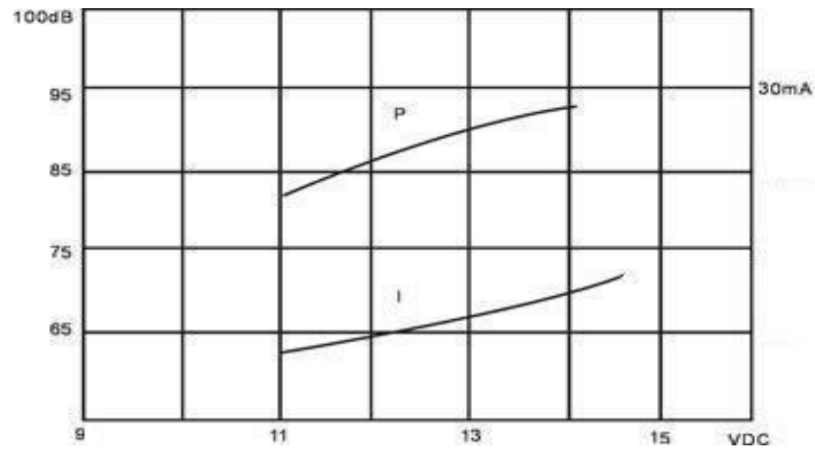
Item	Test condition	Criteria
1	High temperature Preservation Exposure to +85°C for 24 hrs.	After the test the part shall meet specific ati -ons without any degra.
2	Low temperature preservation Exposure to -20°C for 24 hrs.	
3	High temperature Shock	

4	Low temperature Shock		
5	Ordinary Temp.Life	Driving the sounder at 12 VDC for 48hrs in the room temperature( $25^{\circ}\text{C}\pm 10^{\circ}\text{C}$ )	
6	High Temp.Life	Driving the sounder at 12 VDC for 2hrs in the low temperature( $+85^{\circ}\text{C}$ )	
7	Low Temp.Life	Driving the sounder at 12 VDC for 2hrs in the low temperature( $-20^{\circ}\text{C}$ )	
8	Lead strength	Pull load on the direction of the terminal axis for $10\pm 1$ sec.	
9	Free drop	Free drop,70cm height, on wood board (t40mm)  X,Y,Z 3Direction 1time each, total 3times.	Exclude bending of Pin
10	Solderability	Temp. $260\pm 5^{\circ}\text{C}$  Soaking Time: $5\pm 0.5$ sec	95% surface of lead pins must be covered with fresh solder and no soldering holes  Should be found

### 3.DIMENSION



## 4.FREQUENCY CURVE



## 5. PACKING

