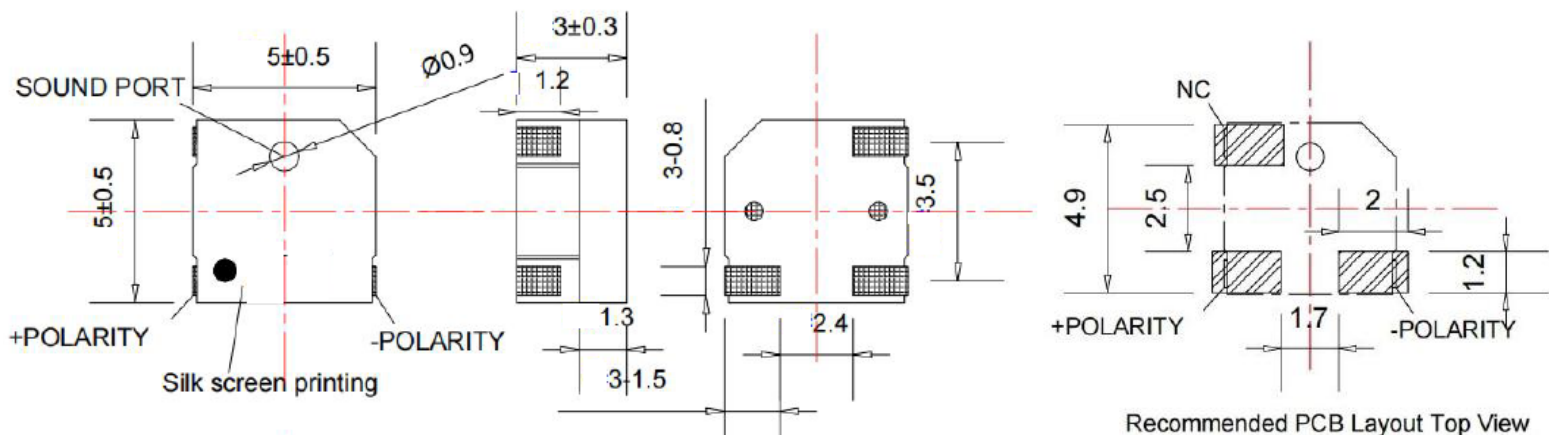




Electrical Specifications

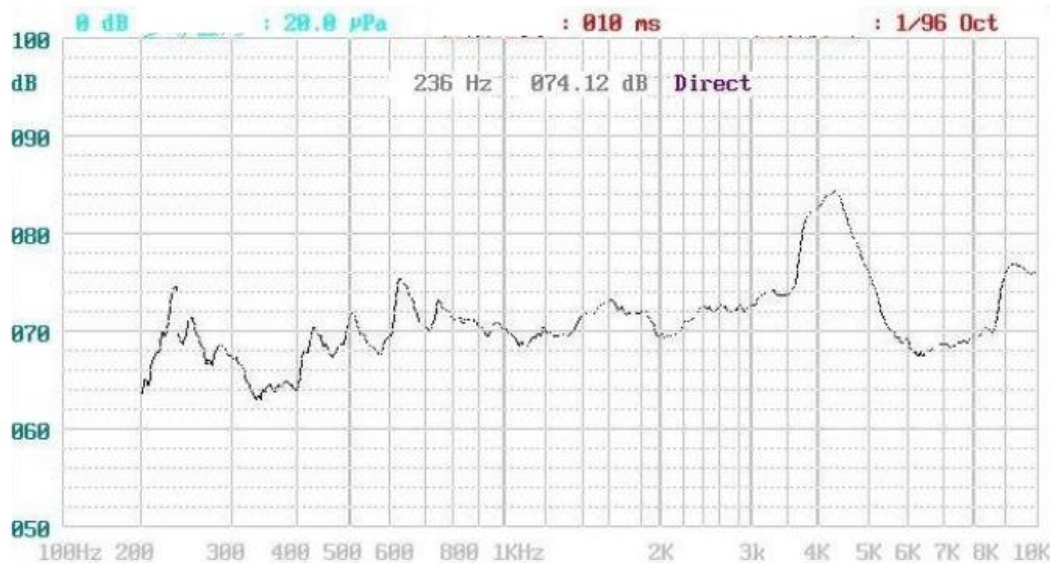
PARAMETERS			VALUE	UNIT
Resonant Frequency			4000	Hz
Operating Voltage			2 ~ 4	Vo-p
Rated Voltage			3	Vo-p
Coil Resistance, min/typ/max			9 / 12 / 15	Ω
Sound Output, min	@ 10cm, Rated Voltage	@ Rated Voltage, 4000 Hz, 1/2 duty square wave	80	dB
Current Consumption, max		@ Rated Voltage, 4000 Hz, 1/2 duty square wave	110	mA
Operating Temperature Range			-40 ~ +80	$^{\circ}\text{C}$
Storage Temperature Range			-40 ~ +80	$^{\circ}\text{C}$
Weight, max			0.20	g
Terminal		surface mount (tin plating)		

Dimension

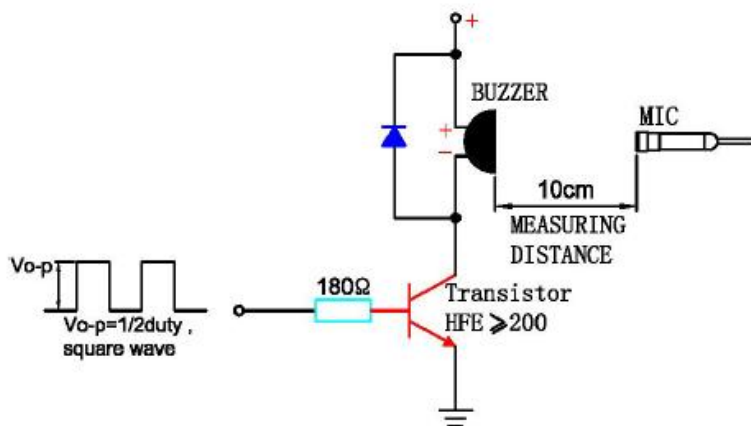


Unit: mm

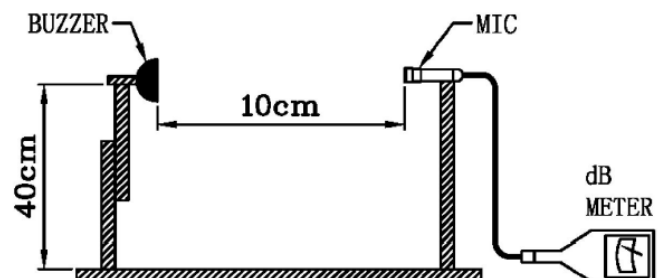
Frequency Characteristics



Test Method



In the measuring test, buzzer is placed as follows:



Reliability Test

Test Items	Test condition	Test Criteria
High Temperature Test	Temperature: 80°C Duration: 96 hours	The performance of the part shall meet specifications after the reliability test, and decibel variation shall be no more than 10dB between after test and before test.
Low Temperature Test	Temperature: -40°C Duration: 96 hours	
Temperature Cycle Test	Low temperature: -40±2°C X 30min -> Normal temperature: 20°C±2°C X 15min -> High temperature: 85°C±2°C X 30min -> Normal temperature: 20°C±2°C X 15min No. of repetitions: 5cycles	
Humidity Test	Temperature: 40°C Humidity: 90~95% R.H. Duration: 96 hours	
Power on life test	Power on for 96 hours, placed in ambient temperature under rated voltage	
Vibration Test	Frequency range: 10~55Hz Acceleration: 3mm amplitude Duration per axis: 30minutes vibration at three axes	
Drop Test	Height: 0.5m Drop Face: 2cm hardwood board Duration: 2 times in each directions in state of packing.	

• APPROVAL

DRAWN BY	AR, October 21, 2025
APPROVED BY	CP, October 21, 2025
REVISION	A, Initial Release

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