

Electro Mechanical Buzzer

1-3Vp-p, 85dB PCB pins

multicompPRO



Specifications

Rated Voltage (Square Wave)	: 1.5Vp-p
Operating Voltage	: 1V to 3V
Rated Current (Max.)	: 80mA
Min. Sound Output at 4kHz/10cm	: 85dB
Resonant Frequency	: 3100Hz
Coil Resistance	: $5.5\Omega \pm 1\Omega$
Operating Temperature	: -30°C to $+70^{\circ}\text{C}$
Storage Temperature	: -40°C to $+85^{\circ}\text{C}$
Weight	: 1g
Housing Material	: NORYL
Lead Pin Material	: Red Copper (DSn)

Measuring Method (Buzzer Mode)

Test Condition

Standard

Temperature	: $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$
Relative Humidity	: 60% ~ 70%
Atmospheric Pressure	: 860mbar to 1060mbar

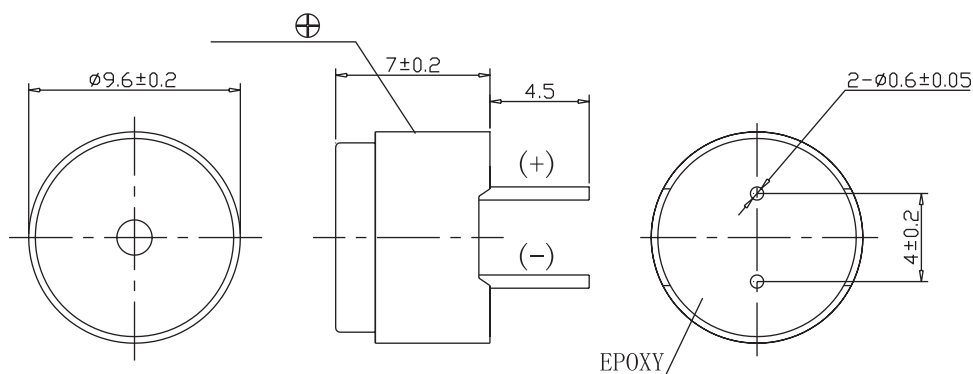
Judgement

Temperature	: $15^{\circ}\text{C} \sim 35^{\circ}\text{C}$
Relative Humidity	: 45% ~ 85%
Atmospheric Pressure	: 860mbar to 1060mbar.

Standard Test Fixture

Rated Voltage (Square wave)	: 1.5V
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Diagram

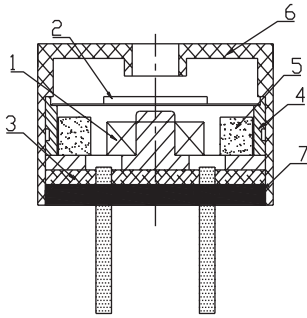


Dimensions : Millimetres
Tolerance: $\pm 0.5\text{mm}$

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No.	Part Name	Material	Qty.
1	Coil Part	Copper and Iron	1
2	Diaphragm	Iron	
3	PCB	Epoxy	
4	Brass ring	Copper	
5	Core	Magnetism ring	
6	Housing	Noryl	-
7	Potting	Epoxy	

Part Number Table

Description	Part Number
Sounder, Electro Mech, Audio, 1.5VP-P	MCABT-411-RC

Dimensions : Millimetres
Tolerance: $\pm 0.5\text{mm}$

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