

Piezo Transducer Sounder

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Specifications

Rated Voltage (Square Wave)	: 3Vp-p
Operating Voltage	: 1V to 30V
Rated Current (Max.)	: 1mA
Min. Sound Output at 4kHz/10cm	: 80dB
Resonant Frequency	: 4000Hz
Capacitance at 120Hz	: 15000pF \pm 30%
Operating Temperature	: -30°C to +70°C
Storage Temperature	: -40°C to +85°C
Weight	: 2.5g
Housing Material	: Black MPPO
Lead Pin Material	: Phosphor Bronze (DSn)
Tone Nature	: Single

Measuring Method (Buzzer Mode)

Test Condition

Standard

Temperature	: 25°C \pm 3°C
Relative Humidity	: 60% ~ 70%
Atmospheric Pressure	: 860mbar to 1060mbar

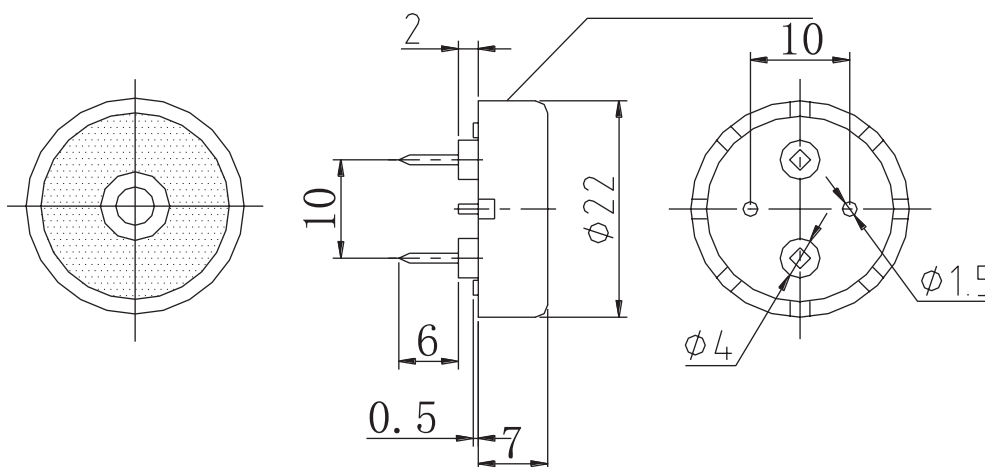
Judgement

Temperature	: 15°C ~ 35°C
Relative Humidity	: 45% ~ 85%
Atmospheric Pressure	: 860mbar to 1060mbar.

Standard Test Fixture

Rated Voltage (Square wave)	: 3V
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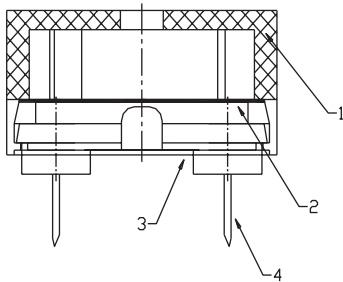
Diagram



Dimensions : Millimetres
Tolerance: \pm 0.5mm

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No.	Part Name	Material	Qty.
1	Housing	Black MPPO	1
2	Piezo element	Brass	
3	Pin	Phosphor Bronze (DSn)	2
4	Cover	Black MPPO	1

Part Number Table

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

Description	Part Number
Piezo Transducer, Audio, 3VP-P, PCB Pins	MCABT-401-RC

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