

Electret Microphone

Piezo Transducer

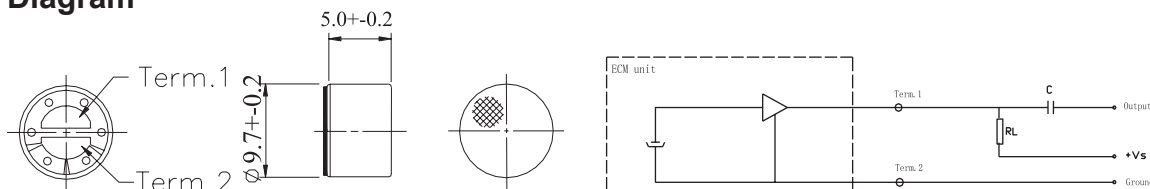
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Specification Table

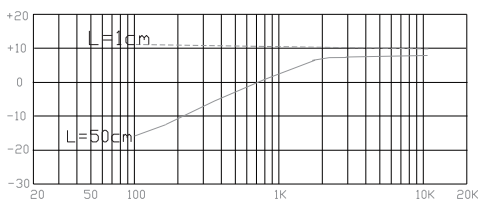


| Characteristics | Values | Condition |
|----------------------------|----------------------------------|---|
| Directivity | Noise cancelling | - |
| Noise Cancelling | -40dB \pm 2dB | F=1kHz 0dB=1V/Pa RL=2.2k Ω |
| Standard Operating Voltage | 1.5V | - |
| Output Impedance | Less than 2.2k Ω | F=1kHz 1Pa |
| Electrets Type | Foil Type | - |
| Max. Operating Voltage | 10V | - |
| Sensitivity Reduction | -3dB | At 1.5V to 3V |
| Frequency | 100Hz to 10000Hz | - |
| Max. Current Consumption | 0.5mA | - |
| Signal to Noise Ratio | More than 58dB | F=1kHz 1Pa, A weighted |
| Storage Temperature | -20°C to +60°C | - |
| Operating Temperature | -20°C to +60°C | - |
| Dimension | \varnothing 9.7mm \times 5mm | - |
| Material | AL | - |
| Terminal | Solder pads | - |

Diagram



Typical Frequency Response Curve



Part Number Table

| Description | Part Number |
|---|-------------|
| Electret Microphone, 9.7mm dia., -40dB, Solder pads | ABM-712-RC |

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