

CM06M-10P24-BA-1

Rev. 0-2025
RoHS3 & REACH
Omni Directional Microphones



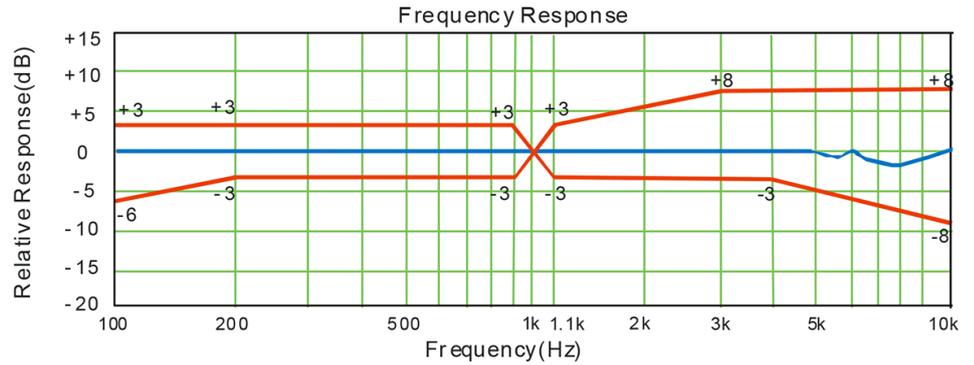
Operating Characteristics

ELECTRICAL

Type	Analog
Rated Voltage	4.5 VDC
Operating Voltage	1 to 10 VDC
Capacitance	33 pF
Max Current	0.5 mA
Recommended Bias Resistor	2,200 Ω

ACOUSTIC @ 1,000 Hz

Technology	Back Electret
Directionality	Omni Directional
Sensitivity	-24 ± 3 dBV/Pa
Min S/N	68 dB



Physical Characteristics

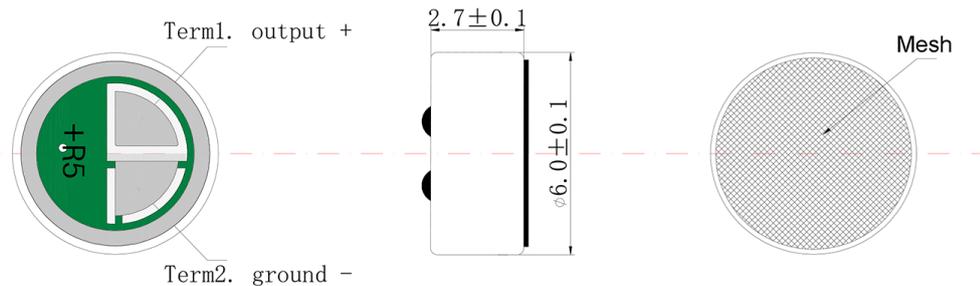
MATERIAL

Housing	Al-Mg Alloy
Solder Pads	PCB Copper Foil, Ni and Au Plated

TEMPERATURE RANGES

Operating	-20 to +60 °C
Storage	-25 to +70 °C

Weight 0.3 g



General tolerance = ±0.2 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2025	Original Specification	KG	2025-06-23

Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

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