

# CM09M-10P38-BA-1

 Rev. 0-2025  
 RoHS3 & REACH  
 Omni Directional Microphones

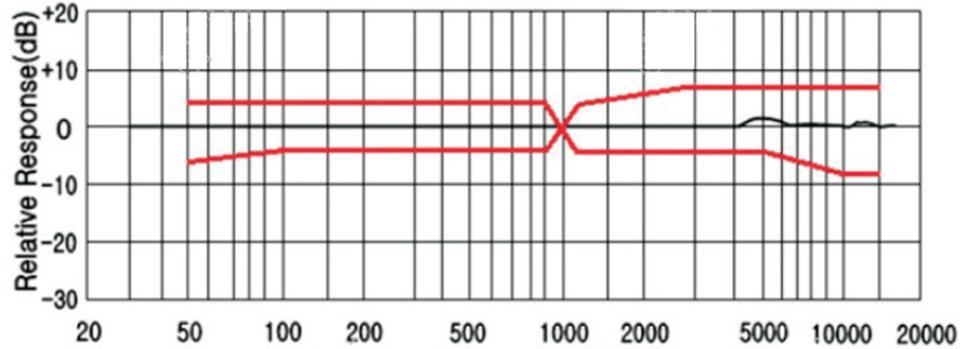

## Operating Characteristics

### ELECTRICAL

Type	Analog
Rated Voltage	2 VDC
Operating Voltage	1 to 10 VDC
Capacitance	N/A
Max Current	0.5 mA
Recommended Bias Resistor	2,200 Ω

### ACOUSTIC @ 1000 Hz

Technology	Back Electret
Directionality	Omni Directional
Sensitivity	-38 ± 2 dBV/Pa
Min S/N	60 dB



## Physical Characteristics

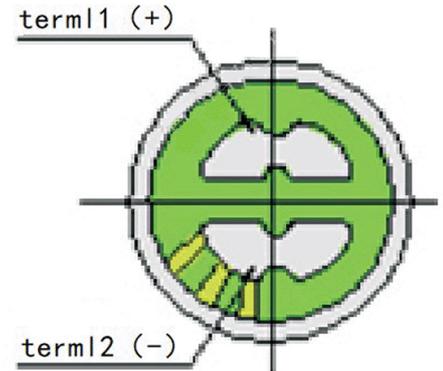
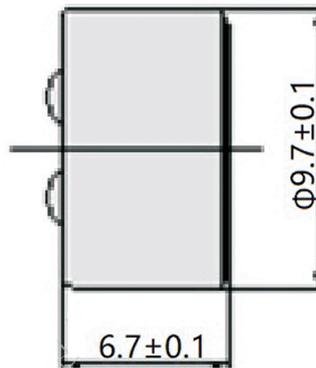
### MATERIAL

Housing	Al
Solder Pads	Sn

### TEMPERATURE RANGES

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

Weight	1 g
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General tolerance = ±0.2 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2025	Original Specification	KG	2025-06-17

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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