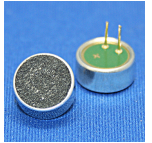


CM09M-10T46-BA-1

Former P/N: CEM-C9745JAD462P2.54R

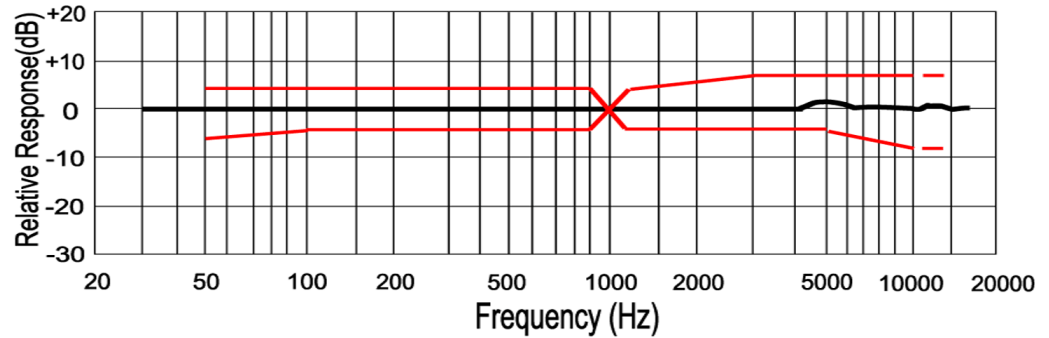
Rev. 5-2023
RoHS3 & REACH
Omni Directional Microphones



Operating Characteristics

ELECTRICAL

Type	Analog
Rated Voltage	1.5 VDC
Operating Voltage	1.0 to 10 VDC
Capacitance	N/A
Max Current	0.5 mA
Impedance	2200 Ω



ACOUSTIC @ 1000 Hz

Technology	Back Electret
Directionality	Omni Directional
Sensitivity	-46 ± 2 dBV/Pa
Min S/N	58 dB

Physical Characteristics

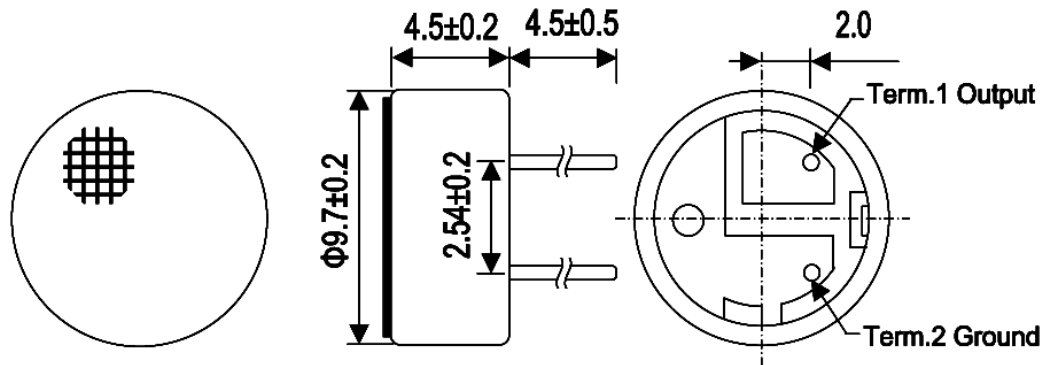
MATERIAL

Housing	Al-Mg Alloy
PC Pin	Copper

TEMPERATURE RANGES

Operating	-40 to +85 °C
Storage	-40 to +75 °C

Weight	0.7 g
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All measurements in mm unless otherwise noted.

Revision	Description	By	Date
4-2019	Corrected sensitivity from 46 dB to -46 dBV/Pa.	JL	2019-12-18
5-2023	Added part image.	SK	2023-05-19

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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