

CM09U-10P47-BA-1

Former P/N: CEM-UB9750-AJAA474C43NR

Rev. 2-2019
RoHS3 & REACH
Uni Directional Microphones



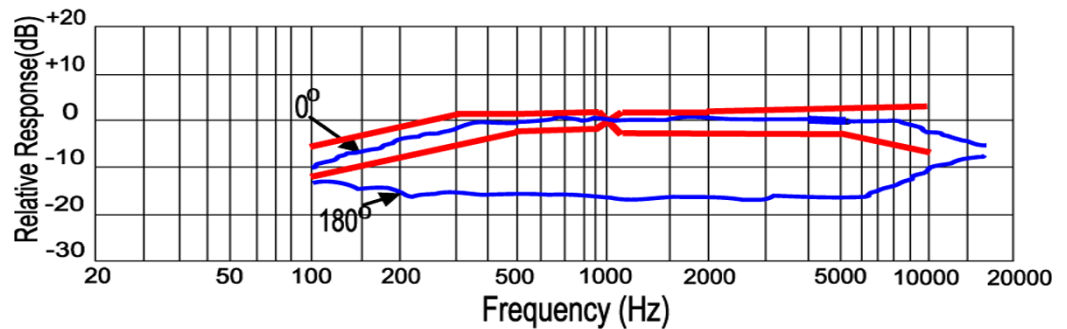
Operating Characteristics

ELECTRICAL

Type	Analog
Rated Voltage	1.5 VDC
Operating Voltage	1 to 10 VDC
Capacitance	33 + 10 pF
Max Current	0.35 mA
Impedance	680 Ω

ACOUSTIC @ 1000 Hz

Technology	Back Electret
Directionality	Uni Directional
Sensitivity	-47 ± 4 dBV/Pa
Min S/N	60 dB



Physical Characteristics

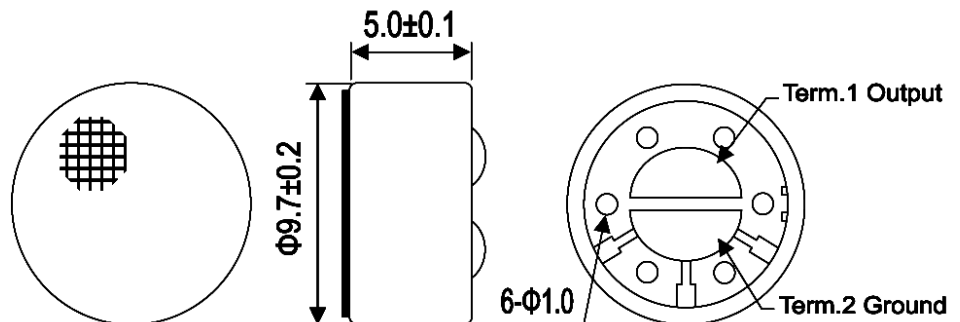
MATERIAL

Housing	Al-Mg Alloy
Solder Pad	Copper Foil

TEMPERATURE RANGES

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

Weight 0.7 g



Revision	Description	By	Date
1-2019	Migrate to new format	JL	2019-06-24
2-2019	Corrected sensitivity from 47 dB to -47 dBV/Pa.	JL	2019-12-18

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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