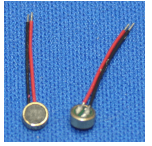


CM03M-05W42-BA-1

Former P/N: CEM-OB30154-423G-WWCCY2-00-0

Rev. 3-2023
RoHS3 & REACH
Omni Directional Microphones



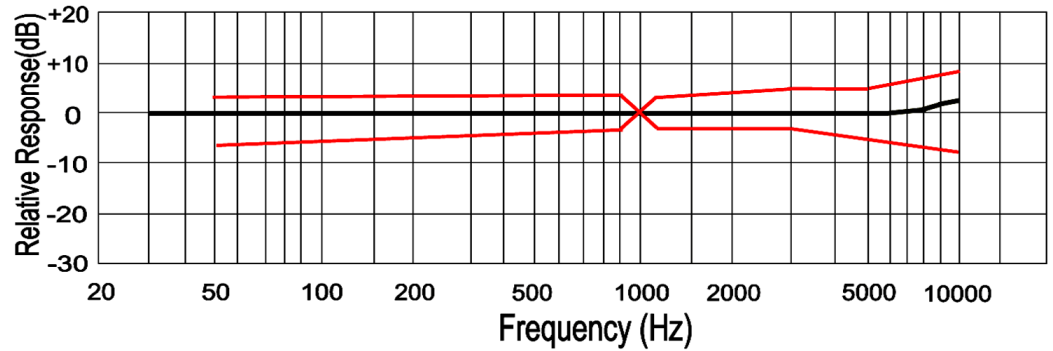
Operating Characteristics

ELECTRICAL

Type	Analog
Rated Voltage	2.0 VDC
Operating Voltage	1.4 to 5.0 VDC
Capacitance	33 + 10 pF
Max Current	0.5 mA
Impedance	5500 Ω

ACOUSTIC @ 1000 Hz

Technology	Back Electret
Directionality	Omni Directional
Sensitivity	-42 ± 3 dBV/Pa
Min S/N	50 dB



Physical Characteristics

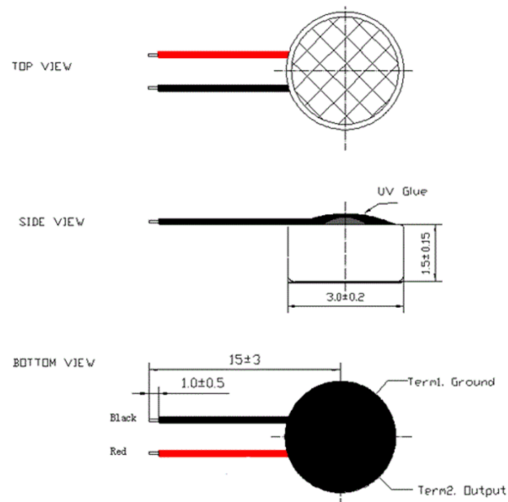
MATERIAL

Housing	Al-Mg Alloy
Wire	UL 10064, 32 AWG

TEMPERATURE RANGES

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

Weight 0.2 g



All measurements in mm unless otherwise noted.

Revision	Description	By	Date
2-2019	Corrected sensitivity from 42 dB to -42 dBV/Pa.	JL	2019-12-18
3-2023	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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