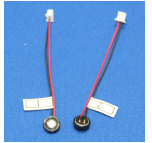


CM06M-10W44-BA-3X

Former P/N: CEM-OB60182-443G-WOHC01-BQ-W

Rev. 3-2023
RoHS3 & REACH
IP57

Omni Directional Microphones



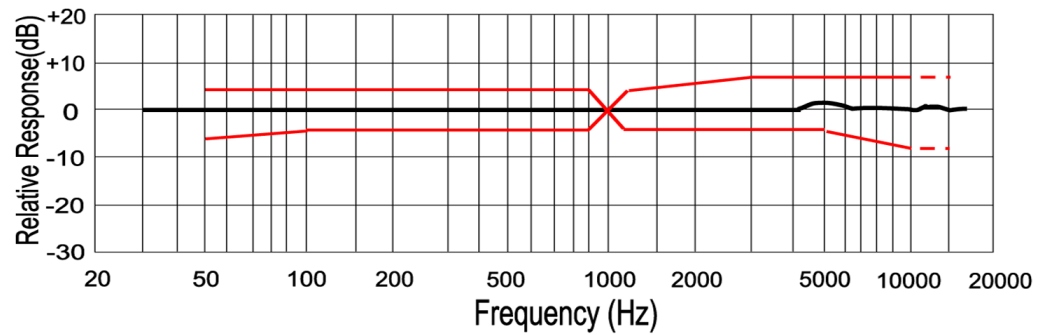
Operating Characteristics

ELECTRICAL

Type	Analog
Rated Voltage	2.0 VDC
Operating Voltage	1.0 to 10 VDC
Capacitance	33 + 10 pF
Max Current	0.5 mA
Impedance	2200 Ω

ACOUSTIC @ 1000 Hz

Technology	Back Electret
Directionality	Omni Directional
Sensitivity	-44 ± 3 dBV/Pa
Min S/N	58 dB



Physical Characteristics

MATERIAL

Housing	Al-Mg Alloy
Wire	UL 3302, 30 AWG
Connector	Molex 51021-0200

TEMPERATURE RANGES

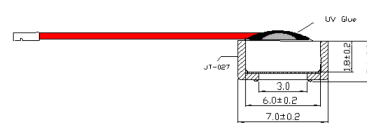
Operating	-40 to +85 °C
Storage	-40 to +85 °C

Weight 0.2 g

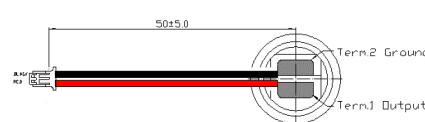
TOP VIEW



SIDE VIEW



BOTTOM VIEW



All measurements in mm unless otherwise noted.

Revision	Description	By	Date
2-2019	Corrected sensitivity from 44 dB to -44 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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