

CM07U-10W45-BA-1

Former P/N: CM07UW-1045-BA1

Rev. 3-2019
RoHS3 & REACH
Uni Directional Microphones



Operating Characteristics

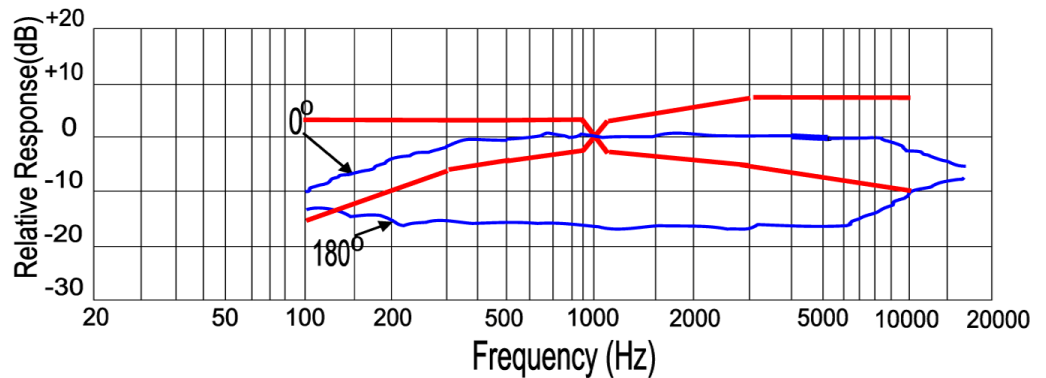
ELECTRICAL

Type	Analog
Rated Voltage	2.0 VDC
Operating Voltage	1.0 to 10.0 VDC
Capacitance	10+33 pF
Max Current	0.5 mA
Impedance	2200 Ω

ACOUSTIC @ 1000 Hz

Technology	Back Electret
Directionality	Uni Directional
Sensitivity	-45 ± 3 dBV/Pa
Min S/N	58 dB

Frequency Response



Physical Characteristics

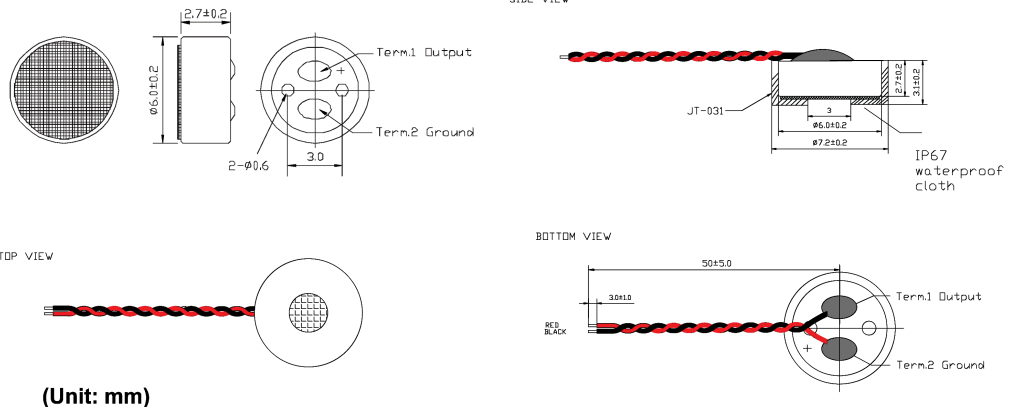
MATERIAL

Housing	Al-Mg Alloy
Wire	UL 3302, 32 AWG

TEMPERATURE RANGES

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

Weight 0.2 g



Revision	Description	By	Date
2-2019	Migrate to new format.	CF	2019-06-24
3-2019	Corrected sensitivity from 45dB to -45 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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