

INDICATORS • SPEAKERS • SOUND TRANSDUCERS • ENCLOSURES • MICROPHONES • BATTERY ACCESSORIES

CM03M-03S38-MA-1

Former P/N: CM03OS-0338-A1

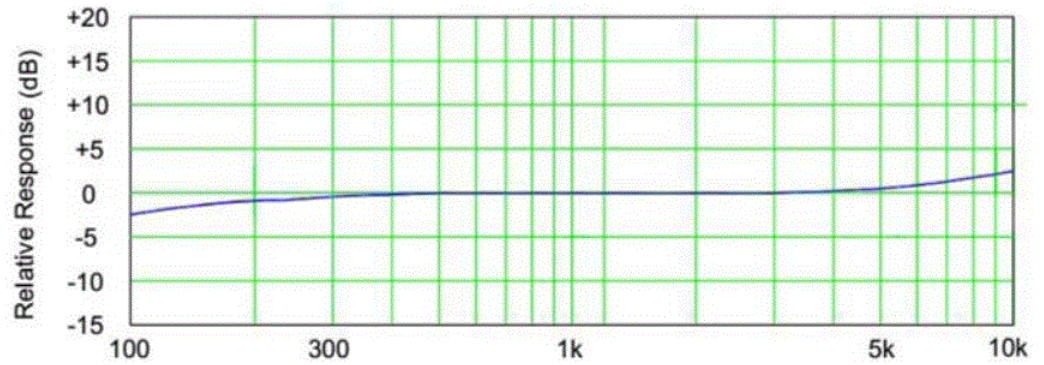
Rev. 4-2020
RoHS3 & REACH
Omni Directional Microphones



Operating Characteristics

ELECTRICAL	
Type	Analog
Rated Voltage	2.0 VDC
Operating Voltage	1.8 to 3.6 VDC
Capacitance	50+50 pF
Max Current	200 mA
Impedance	450 Ω

ACOUSTIC @ 1000 Hz	
Technology	MEMS
Directionality	Omni Directional
Sensitivity	-38 ± 1 dBV/Pa
Min S/N	65 dB

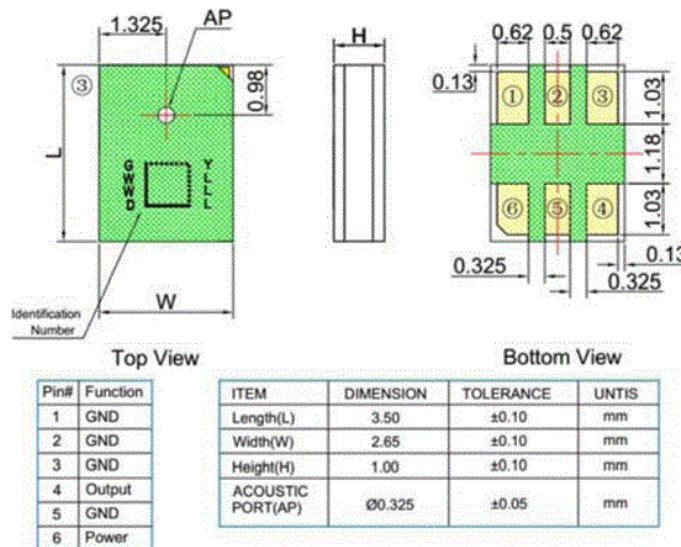


Physical Characteristics

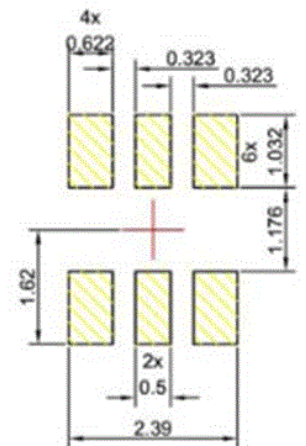
MATERIAL	
Solder Pads	Gold Plated Copper Foil

TEMPERATURE RANGES	
Operating	-40 to +70 °C
Storage	-40 to +100 °C

Weight	0.03 g
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Recommended Soldering Surface Land Pattern(Unit:mm)



Revision	Description	By	Date
3-2019	Migrate to new format	CF	2019-06-27
4-2020	Corrected sensitivity from 38 dB to -38 dBV/Pa.	JL	2020-02-07

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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