

CM03M-03S42-MA-1

Former P/N: CM03OS-0342-A1

 Rev. 3-2020
 RoHS3 & REACH
 Omni Directional Microphones

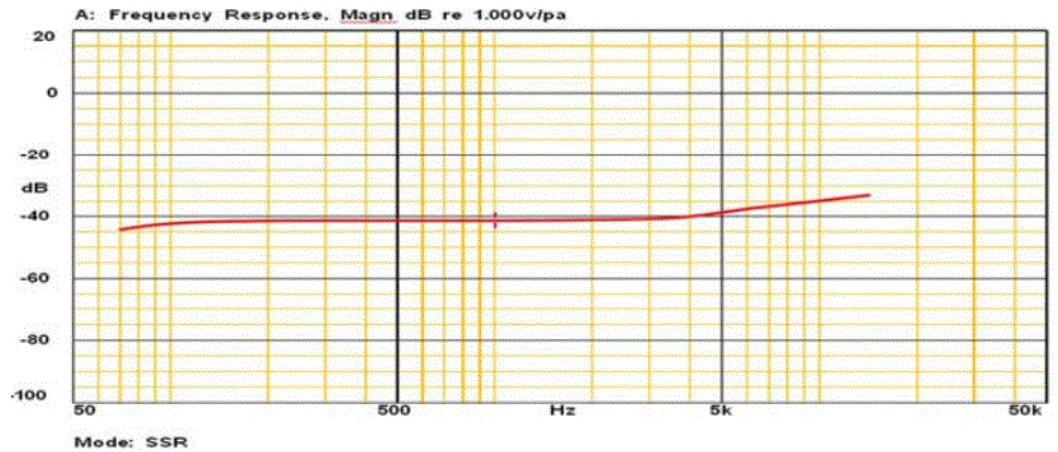

Operating Characteristics

ELECTRICAL

Type	Analog
Rated Voltage	2 VDC
Operating Voltage	1.5 to 3.6 VDC
Capacitance	50+50 pF
Max Current	0.1 mA
Impedance	450 Ω 1000 Hz

ACOUSTIC

Technology	MEMS
Directionality	Omni Directional
Sensitivity	-42 \pm 3 dBV/Pa
Min S/N	59 dB



Physical Characteristics

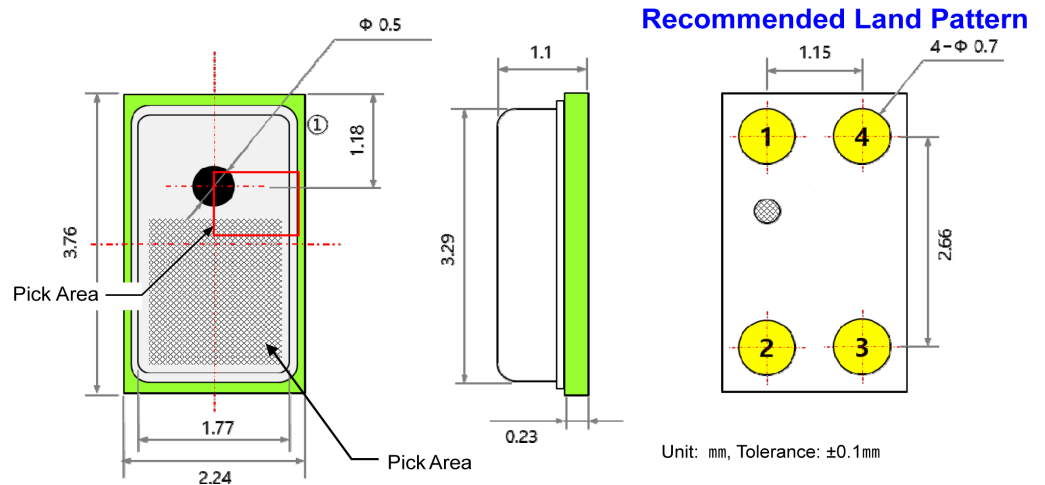
MATERIAL

Solder Pads	Gold Plated Copper Foil
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TEMPERATURE RANGES

Operating	-40 to +100 °C
Storage	-40 to +100 °C

Weight 0.04 g



Pick Area only extends to 0.25mm of any edge or hole unless otherwise specified

Pin 1	Pin 2	Pin 3	Pin 4
VDD	GND	GND	DAT

Revision	Description	By	Date
2-2019	Migrate to new format.	CF	2019-06-27
3-2020	Corrected sensitivity from 42 dB to -42 dBV/Pa. Added solder pad pin out.	JL	2020-02-03

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.