

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

## CM03M-05W42-BA-1

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

Rev. 1-2019  
RoHS3 & REACH  
Omni Directional Microphones



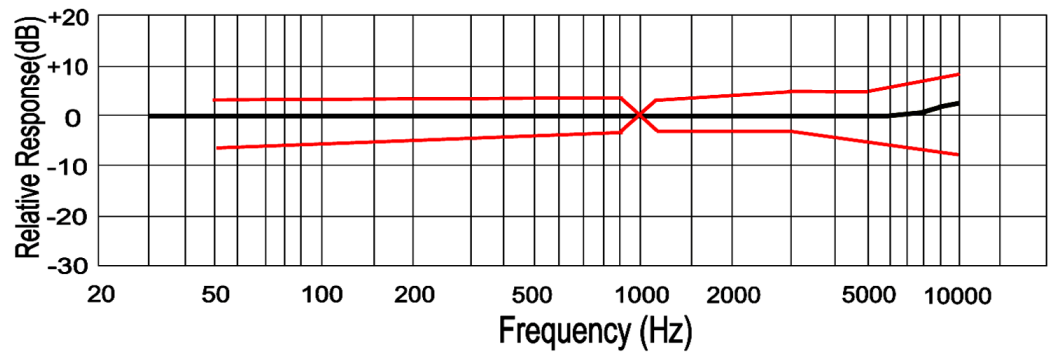
### Operating Characteristics

#### 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 1000 Hz

#### ACOUSTIC

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



### Physical Characteristics

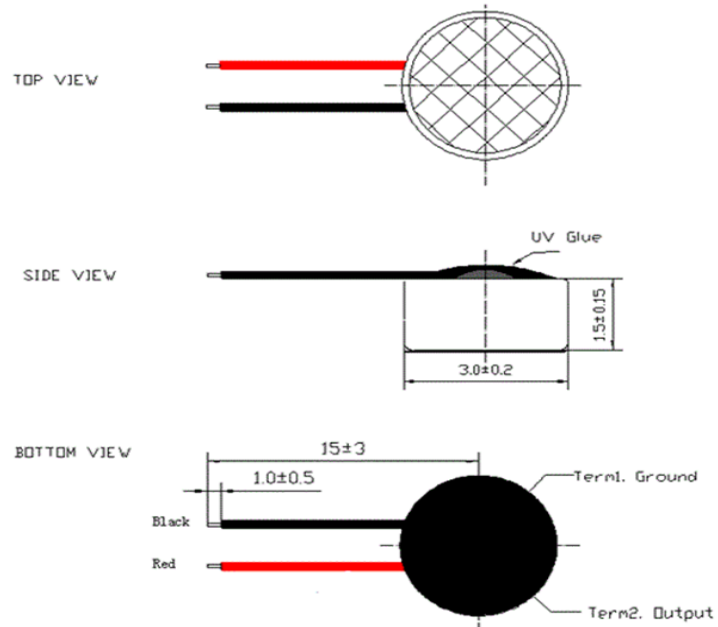
#### MATERIAL

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



Revision	Description	By	Date
0-2016	Initial Specification Sheet	WS	2016-01-28
1-2019	Migrate to new format	CF	2019-06-24

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.