

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

## CM10M-10P32-BA-1

Former P/N: CEM-OB10050C-323P-L01C000-00-0

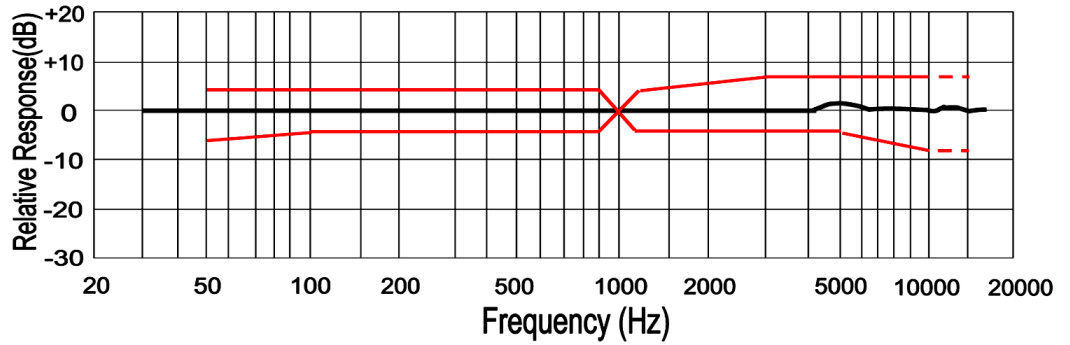
Rev. 1-2019  
RoHS3 & REACH  
Omni Directional Microphones



### Operating Characteristics

#### ELECTRICAL

|                   |                   |
|-------------------|-------------------|
| Type              | Analog            |
| Rated Voltage     | 6 VDC             |
| Operating Voltage | 1 to 10 VDC       |
| Capacitance       | N/A               |
| Max Current       | 0.5 mA            |
| Impedance         | 2200 Ω<br>1000 Hz |



#### ACOUSTIC

|                |                  |
|----------------|------------------|
| Technology     | Back Electret    |
| Directionality | Omni Directional |
| Sensitivity    | 32 ± 3 dB        |
| Min S/N        | 60 dB            |

### Physical Characteristics

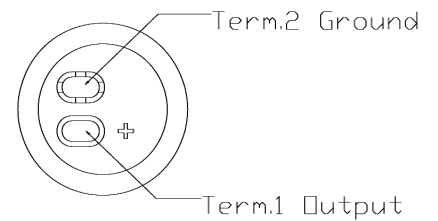
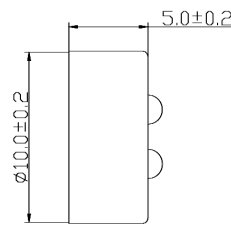
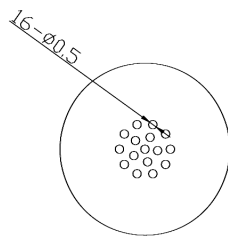
#### MATERIAL

|            |             |
|------------|-------------|
| Housing    | Al-Mg Alloy |
| Solder Pad | Tin         |

#### TEMPERATURE RANGES

|           |               |
|-----------|---------------|
| Operating | -40 to +75 °C |
| Storage   | -40 to +75 °C |

Weight 0.7 g



| Revision | Description           | By | Date       |
|----------|-----------------------|----|------------|
| 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.

The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed. Challenge Electronics reserves the right to make changes in any specification, data or material contained herein.  
©2019 Challenge Electronics, Inc. 20190826151849