

Tel: 1-800-722-8197 1-631-595-2217 Fax: 1-631-667-5484 EMAIL: sales@challelec.com WEB: www.challengeelectronics.com ISO 9001/14001:2015 Certified

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

CM06M-10W44-BA-3X

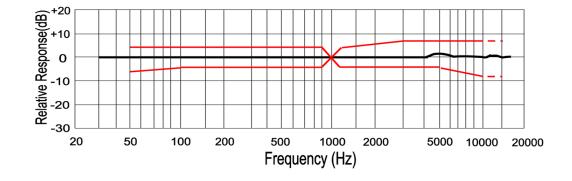
Former P/N: CEM-OB60182-443G-WOHC01-BQ-W

Rev. 1-2019 RoHS3 & REACH & IP57 Omni Directional Microphones



Operating Characteristics

ELECTRICAL				
Type	Analog			
Rated Voltage	2.0 VDC			
Operating Voltage	1.0 to 10 VDC			
Capacitance	33 + 10 pF			
Max Current	0.5 mA			
Impedance	2200 Ω 1000 Hz			



ACOUSTIC

Technology	Back Electret	
Directionality	Omni Directional	
Sensitivity	44 ± 3 dB	
Min S/N	58 dB	

Physical Characteristics

VIATI	ERIAL		
	Housing	Al-Mg Alloy	
	Wire	UL 3302, 30 AWG	
		Molex	

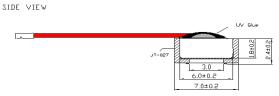
Connector Molex 51021-0200

TEMPERATURE RANGES

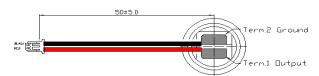
Operating -40 to +85 °C
Storage -40 to +85 °C

Weight 0.2 g





BOTTOM VIEW



Revision	Description	Ву	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.