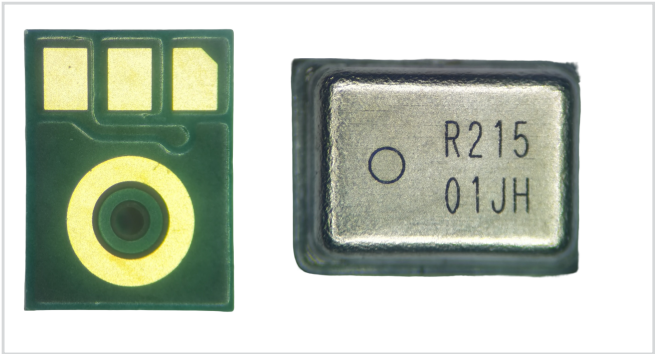


OWMMOA-332509A-S381I101-BP
MEMS microphone

- Analog MEMS Microphone
- Bottom ported
- Omnidirectional
- Ultra high SNR and AOP

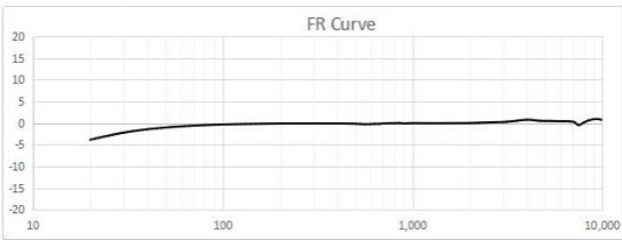


Characteristics

Size (LxWxH) [mm]	3.4x2.5x1.0	
Type	Mems, analog	
Sensitivity [dBV/Pa]	-38 to -37	
Typical SNR [dBA]	66	
Directivity	Omni	bottom ported
Termination	SMD	
Current consumption [µA]	< 230	Vdd= 2.0V
Voltage range [V]	1.5 to 3.6	
Acoustic overload point [dB]	< 136	at 1kHz and 10% THD
Total harmonic distortion [%]	< 1.0	at 1kHz
Power supply rejection ratio [dB]	85	200mVpp Sine wave at 1kHz
Output impedance [Z]	< 500	at 1kHz

Specifications are subject to change without prior notice. Upon request Ole Wolff can supply further specifications, simulation parameters etc.

Frequency response curve



Mechanical drawing

