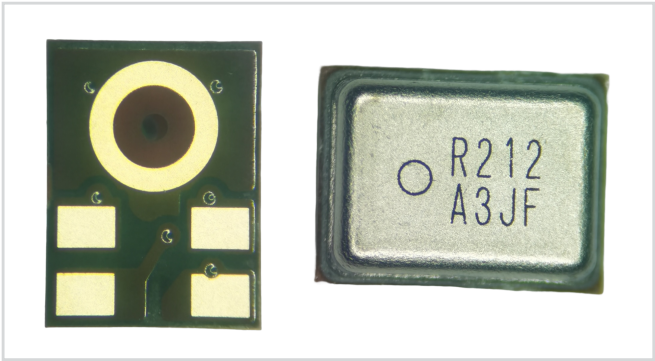


OWMMOD-352609A-S371I02-BP

MEMS microphone

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

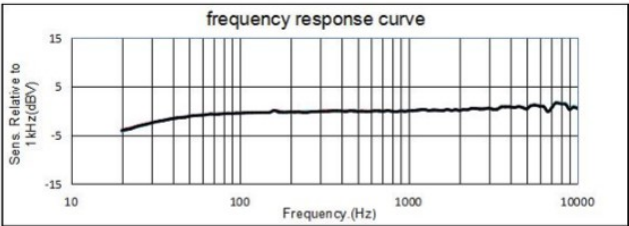


Characteristics

Size (LxWxH) [mm]	3.5x2.6x1.0	
Type	Mems, digital	
Sensitivity [dBV/Pa]	-37 to -36	
Typical SNR [dBA]	66	
Directivity	Omni	bottom
Termination	SMD	
Current consumption [µA]	< 1000	Vdd= 1.8V, Fclk=2.4MHz
Voltage range [V]	1.6 to 3.6	
Acoustic overload point [dB]	< 132	at 1kHz and 10% THD
Total harmonic distortion [%]	< 1.0	at 1kHz
Power supply rejection ratio [dB]	-90	100mVpp Square wave at 217kHz

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

Frequency response curve



Mechanical drawing

