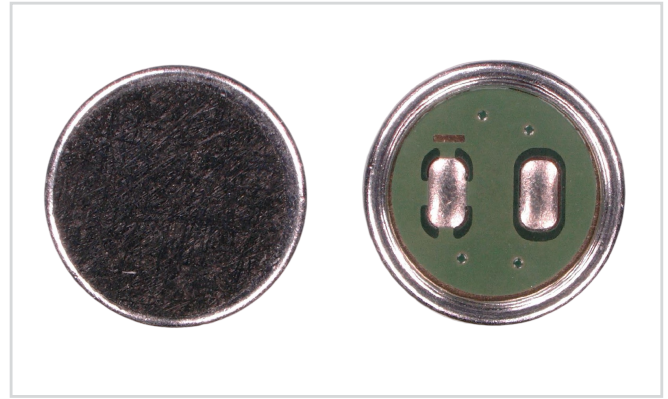


OWMO-6027TA-34-ANC114

ECM microphone

- Omnidirectional
- High AOP
- Solder terminal
- High SNR

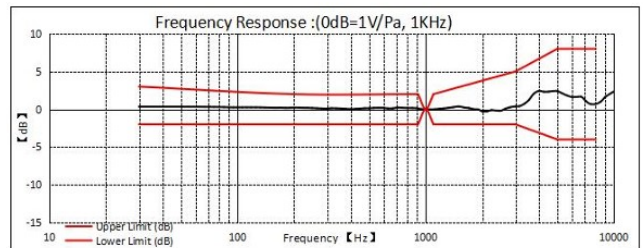
Designed for ANC application with phase control (30Hz, ±10°)



Characteristics

Size (ØxH) [mm]	6.0x2.7	
Type	ECM	
Sensitivity [dBV/Pa]	-34	
Typical SNR [dBA]	70	
Directivity	Omni	top ported
Termination	Solder terminals	
Impedance [kΩ]	< 2.2	at f=1KHz
Current consumption [μA]	< 500	
Decreasing Voltage [V]	2.0 to 1.5	output reduction ≤ 3dB
Voltage range [V]	1.0 to 10.0	
Acoustic overload point [dB]	< 123	at 1KHz and 10%THD
Operating temp. range [C°]	-25 to ~ 70	

Frequency response curve



Frequency [Hz]	30	200	900	1000	1100	3000	5000	8000
Upper limit [dB]	3	2	2	0	2	5	8	8
Lower limit [dB]	-2	-2	-2	0	-2	-2	-4	-4

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

Mechanical drawing

