OWMO-4013SA-42-RC101

ECM microphone

- Omnidirectional
- Surface Mount Device (SMD)
- Low profile
- Tape and reel packaging

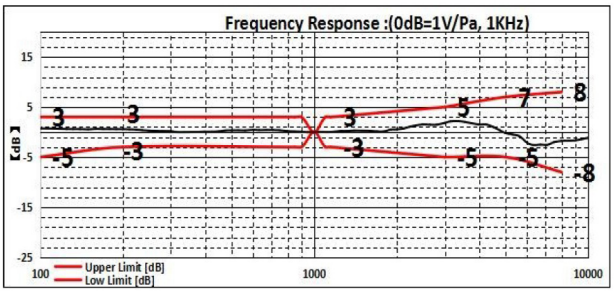


Characteristics

Size (ØxH) [mm]	4.0x1.3	
Type	ECM	
Sensitivity [dBV/Pa]	-42	
Typical SNR [dBA]	60	
Directivity	Omni	top ported
Termination	SMD	
Impedance [kΩ]	< 2.2	at f=1KHz
Current consumption [µA]	< 400	
Decreasing Voltage [V]	2.0 to 1.5	output reduction <=3dB
Voltage range [V]	1.0 to 10.0	
Acoustic overload point [dB]	< 128	at 1KHz and 10% THD
Operating temp. range [C°]	-25 to ~ 70	

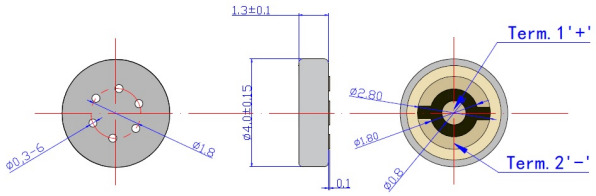
Specifications are subject to change without prior notice. Upon request Ole Wolff can supply further specifications, simulation parameters etc.

Frequency response curve

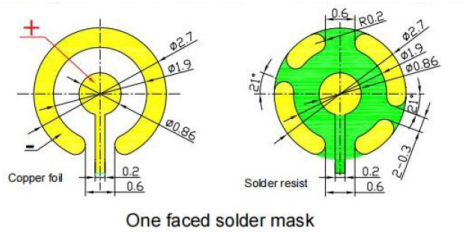


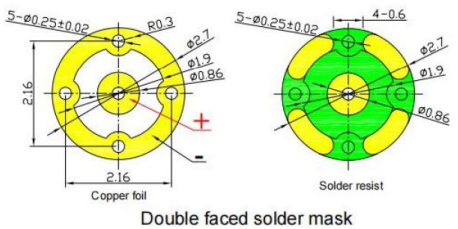
Frequency [Hz]	100	200	850	900	1000	1150	3000	5000	8000
Upper Limit [dB]	3	3	3	3	0	3	5	7	8
Low Limit [dB]	-5	-3	-3	-3	0	-3	-5	-5	-8

Mechanical drawing



Land pattern recommendation (Unit: mm)





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