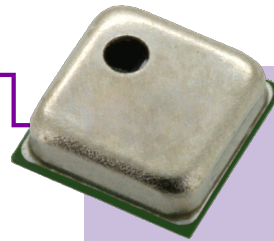


SoniCrest Microphones

SMO01A



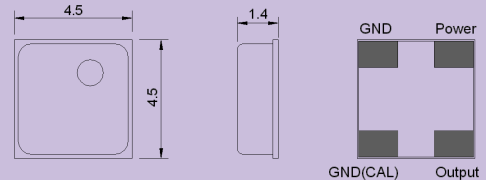
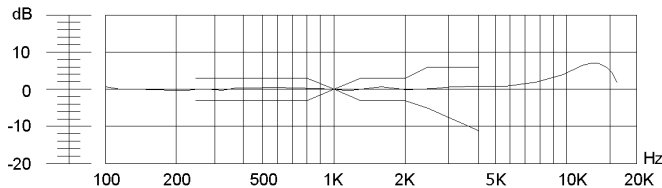
Dimensions

Unit : mm

Tolerance : $\pm 0.3\text{mm}$

Silicon Microphone

Frequency Response



Specification (all data taken at 25°C unless otherwise specified)

Model	Directivity	*Sensitivity (dB)	Operating Voltage Range (V)	Current Consumption (μA)	Output Impedance (Ω)	Frequency Range (Hz)	Typical S/N Ratio (dB)	Package Type	Filtering Capacitors (pF)	Operating Temperature ($^{\circ}\text{C}$)	Storage Temperature ($^{\circ}\text{C}$)
SMO01A	Omnidirectional	-42 ± 3	1.5 ~ 3.6	≤ 200	≤ 100	100 ~ 7000	57	SMD	10 and 33	$-40 \sim +100$	$-40 \sim +125$

*Condition: 0dB = 1V/Pa, 1KHz, Difference sensitivity level is available upon request.