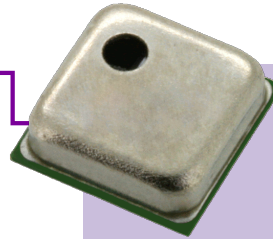


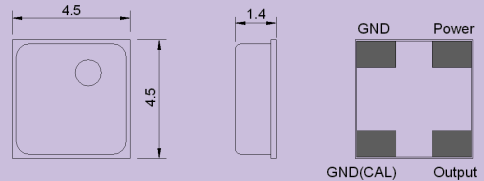
SoniCrest Microphones

SMO01A



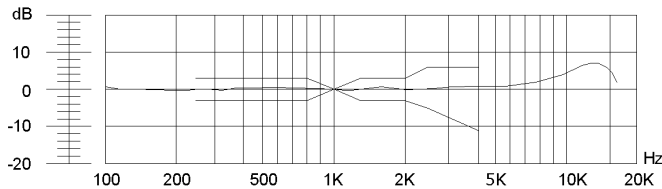
Dimensions

Unit : mm
Tolerance : ±0.3mm



■ 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 (°C)	Storage Temperature (°C)
SMO01A	Omnidirectional	-42±3	1.5 ~ 3.6	≤200	≤100	100 ~ 7000	57	SMD	10 and 33	-40 ~ +100	-40 ~ +125

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