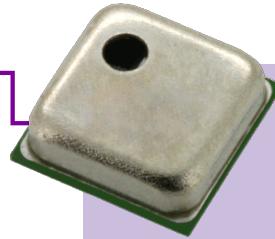


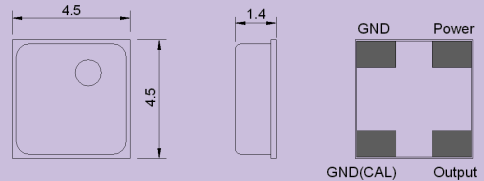
# SoniCrest Microphones

## SMO01A



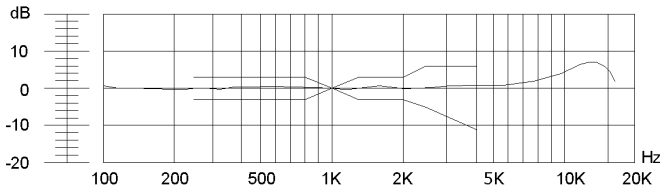
### Dimensions

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 ( $\mu\text{A}$ )	Output Impedance ( $\Omega$ )	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 $\pm$ 3	1.5 ~ 3.6	$\leq 200$	$\leq 100$	100 ~ 7000	57	SMD	10 and 33	-40 ~ +100	-40 ~ +125

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