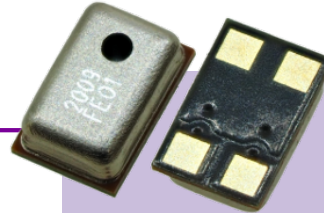


# SoniCrest Microphones

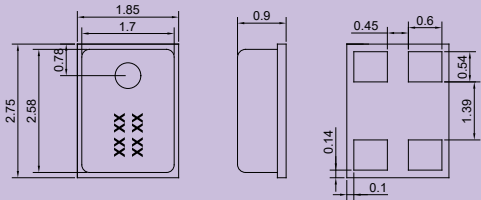
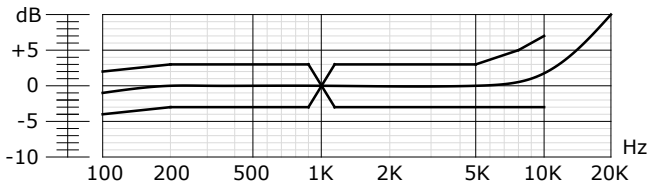
## SMO09A



**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)
SMO09A	Omnidirectional	-42±1	1.6 ~ 3.6	≤200	≤300	100 ~ 10000	59	SMD	10 and 33	-40 ~ +100	-40 ~ +70

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