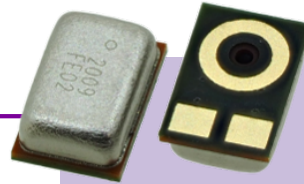


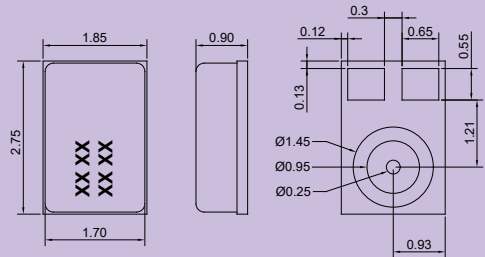
# SoniCrest Microphones

## SMO09C



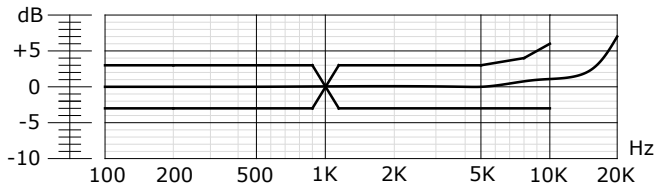
### Dimensions

Unit : mm  
Tolerance : ±0.3mm



- Silicon Microphone
- Reverse Mount

### 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) |
|--------|-----------------|-------------------|-----------------------------|--------------------------|----------------------|----------------------|------------------------|--------------|---------------------------|----------------------------|--------------------------|
| SMO09C | Omnidirectional | -38±1             | 1.6 ~ 3.6                   | ≤200                     | ≤300                 | 100 ~ 10000          | 62                     | SMD          | 10 and 33                 | -40 ~ +100                 | -40 ~ +70                |

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