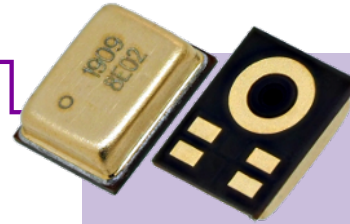


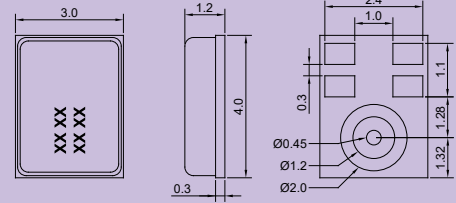
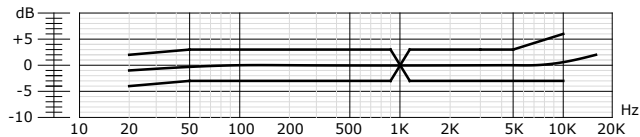
# SoniCrest Microphones

## SDM007D



**Dimensions**  
Unit : mm  
Tolerance : ±0.3mm

- Silicon Microphone
- Digital Output



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

| Model           | Directivity     | *Sensitivity (dB) | Operating Voltage Range (V) | Current Consumption (uA) | Frequency Range (Hz) | Power Supply Rejection (dBFs) | S/N Ratio (dB) | Maximum Input Signal (dB SPL) | Total Harmonic Distortion (%) |
|-----------------|-----------------|-------------------|-----------------------------|--------------------------|----------------------|-------------------------------|----------------|-------------------------------|-------------------------------|
| SDM007D-36/1363 | Omnidirectional | -36±1             | 1.62 ~ 3.6                  | ≤450                     | 20 ~ 16000           | -80                           | ≥66            | 130                           | ≤1                            |

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