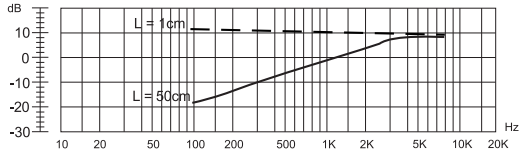


SoniCrest Microphones

HMC05A Series

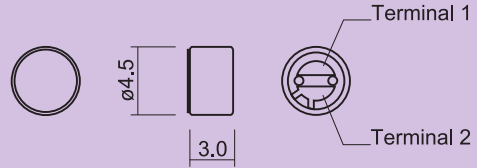
Frequency Response

Applied Voltage $V_s = 3V$
Load Resistance $R_L = 2.2k\Omega$



Dimension

Unit: mm
Tolerance : 0.3mm



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

Model : HMO0503A-65

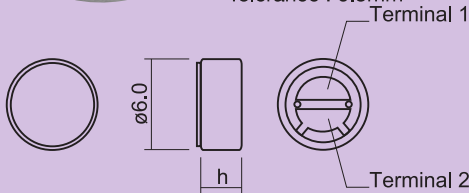
Directivity	★Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage(V)	Current Consumption (mA)	Frequency Range (Hz)	Impedance (Ω)	Sensitivity Reduction (dB)	S/N Ratio (dB)
Noise Canceling	-45 ± 3	3	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 1.5V	≥ 60

★ Condition : 0dB = 1V/pa, 1KHz, Different sensitivity level is available upon request.



Dimension

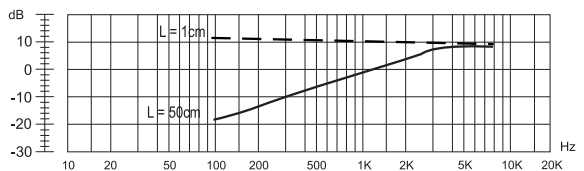
Unit: mm
Tolerance : 0.3mm



HMC06A,B,C,D Series

Frequency Response

Applied Voltage $V_s = 3V$
Load Resistance $R_L = 2.2k\Omega$



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

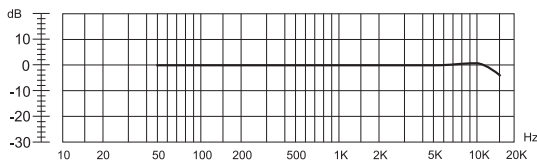
Model	h (mm)	Directivity	★Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage(V)	Current Consumption (mA)	Frequency Range (Hz)	Impedance (Ω)	Sensitivity Reduction (dB)	S/N Ratio (dB)
HMC0603A-65	2.7	Noise	-45 ± 3	3	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 1.5V	≥ 60
HMC0603B-65	5.0	Canceling	-45 ± 3	3	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 1.5V	≥ 60
HMC0603C-65	3.5	Noise	-45 ± 3	3	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 1.5V	≥ 60
HMC0603D-65	1.6	Canceling	-45 ± 3	3	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 1.5V	≥ 60

★ Condition : 0dB = 1V/pa, 1KHz, Different sensitivity level is available upon request.

HBO06B,K,L Series

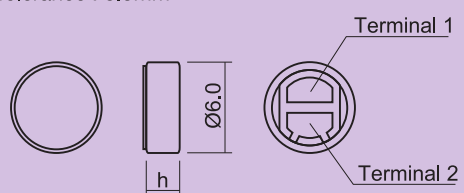
Frequency Response

Applied Voltage $V_s = 3V$
Load Resistance $R_L = 2.2k\Omega$



Dimension

Unit: mm
Tolerance : 0.3mm



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

Model	h (mm)	Directivity	★Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage(V)	Current Consumption (mA)	Frequency Range (Hz)	Impedance (Ω)	Sensitivity Reduction (dB)	S/N Ratio (dB)
HBO0603B-65	2.2	Omnidirectional	-45 ± 3	3	10	≤ 0.5	50 ~ 16000	Low	≤ -3 at 2V	≥ 60
HBO0603K-65	1.5	Omnidirectional	-45 ± 3	3	10	≤ 0.5	50 ~ 16000	Low	≤ -3 at 2V	≥ 60
HBO0603L-65	1.8	Omnidirectional	-45 ± 3	3	10	≤ 0.5	50 ~ 16000	Low	≤ -3 at 2V	≥ 60

★ Condition : 0dB = 1V/pa, 1KHz, Different sensitivity level is available upon request.

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