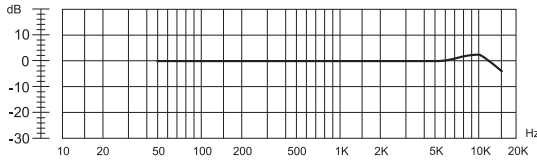


SoniCrest Microphones

HBO06G,H Series

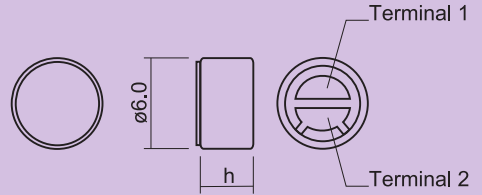
Frequency Response

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)

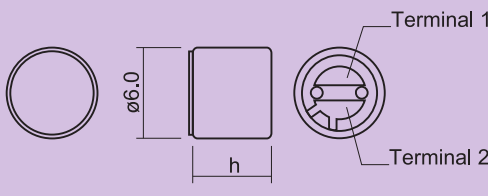
Model	h (mm)	Directivity	*Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage(V)	Current Consumption (mA)	Frequency Range (Hz)	Impedance (Ω)	Sensitivity Reduction (dB)	S/N Ratio (dB)
HBO0603G-65	3.5	Omnidirectional	-45 \pm 3	3	10	≤ 0.5	50 ~ 16000	Low	≤ -3 at 2V	≥ 60
HBO0603H-65	2.7	Omnidirectional	-45 \pm 3	3	10	≤ 0.5	50 ~ 16000	Low	≤ -3 at 2V	≥ 60

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

HBU06A,B,C Series

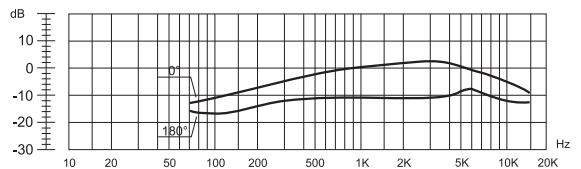
Dimension

Unit: mm
Tolerance : 0.3mm



Frequency Response

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



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

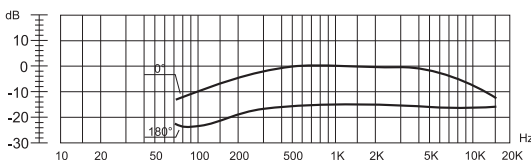
Model	h (mm)	Directivity	*Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage(V)	Current Consumption (mA)	Frequency Range (Hz)	Impedance (Ω)	Sensitivity Reduction (dB)	S/N Ratio (dB)
HBU0603A-65	5.0	Unidirectional	-45 \pm 3	3	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 2V	≥ 60
HBU0603B-65	3.5	Unidirectional	-45 \pm 3	3	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 2V	≥ 60
HBU0603C-65	2.7	Unidirectional	-45 \pm 3	3	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 2V	≥ 60

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

HBU10A,B Series

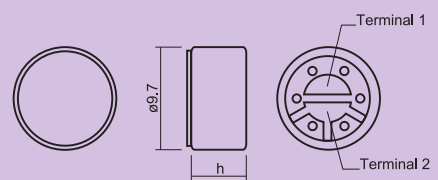
Frequency Response

Applied Voltage $V_s = 1.5V$
Load Resistance $R_L = 680\Omega$



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)
HBU1001A-65	5.2	Unidirectional	-45 \pm 3	1.5	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 2V	≥ 60
HBU1001B-65	5.0	Unidirectional	-45 \pm 3	1.5	10	≤ 0.5	100 ~ 10000	Low	≤ -3 at 2V	≥ 60

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