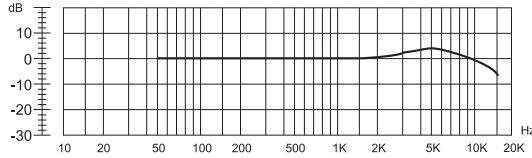


# SoniCrest Microphones

## HMO10A,B Series

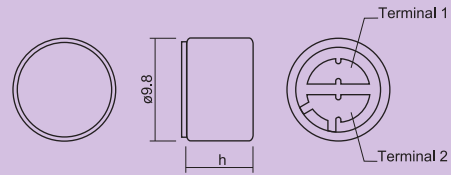
### Frequency Response

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)

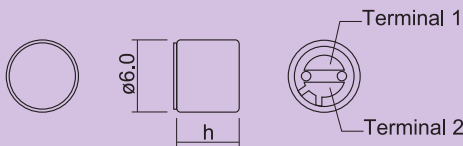
Model	h (mm)	Directivity	★Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage(V)	Current Consumption (mA)	Frequency Range (Hz)	Impedance ( $\Omega$ )	Sensitivity Reduction (dB)	S/N Ratio (dB)
HMO1003A-65	6.5	Omnidirectional	-45 $\pm$ 3	3	10	$\leq 0.5$	50 ~ 16000	Low	$\leq -3$ at 3V	$\geq 60$
HMO1003B-65	4.5	Omnidirectional	-45 $\pm$ 3	3	10	$\leq 0.5$	50 ~ 16000	Low	$\leq -3$ at 2V	$\geq 60$

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



### Dimension

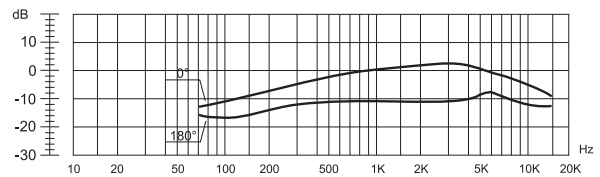
Unit: mm  
Tolerance : 0.3mm



## HMU06A,B,C 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)

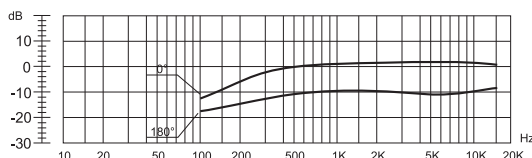
Model	h (mm)	Directivity	★Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage(V)	Current Consumption (mA)	Frequency Range (Hz)	Impedance ( $\Omega$ )	Sensitivity Reduction (dB)	S/N Ratio (dB)
HMU0603A-65	5.0	Unidirectional	-45 $\pm$ 3	3	10	$\leq 0.5$	100 ~ 10000	Low	$\leq -3$ at 2V	$\geq 60$
HMU0603B-65	3.5	Unidirectional	-45 $\pm$ 3	3	10	$\leq 0.5$	100 ~ 10000	Low	$\leq -3$ at 2V	$\geq 60$
HMU0603C-65	2.7	Unidirectional	-45 $\pm$ 3	3	10	$\leq 0.5$	100 ~ 10000	Low	$\leq -3$ at 2V	$\geq 60$

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

## HMU08A Series

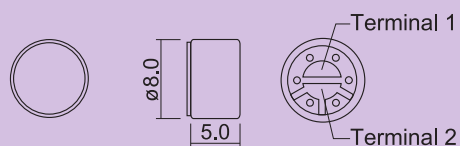
### Frequency Response

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)

Directivity	★Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage(V)	Current Consumption (mA)	Frequency Range (Hz)	Impedance ( $\Omega$ )	Sensitivity Reduction (dB)	S/N Ratio (dB)
Unidirectional	-45 $\pm$ 3	3	10	$\leq 0.5$	100 ~ 10000	Low	$\leq -3$ at 1.5V	$\geq 60$

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

Model : HMU0803A-65