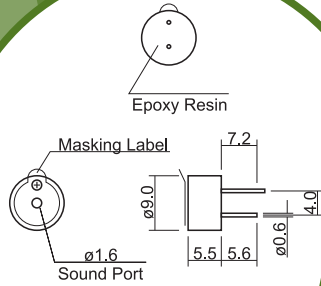
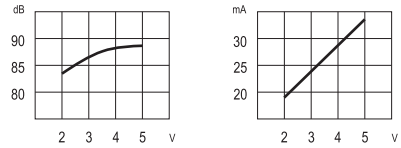


# SoniCrest Electro-Magnetic Sound Generators

## HCM09AX Series



**Dimension**  
Unit: mm  
Tolerance : 0,3mm



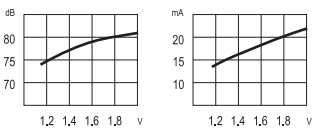
**Characteristics Response**  
Measuring Temperature : 25°C  
Measuring Distance : 10cm

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

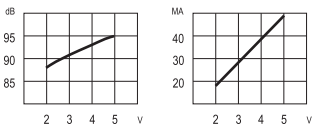
Model	Rated Voltage (V)	Operating Voltage (V)	★Rated Current (mA)	★Sound Output at 10cm (dB)	★Generated Frequency (Hz)	Operating Temperature (°C)	Storage Temperature (°C)	Housing Material	Weight (g)
HCM0903AX	3	2 ~ 5	≤30	≥82	3200 ± 300	-40 ~ +85	-40 ~ +85	Noryl SE1-GFN2	0.8

★ Value Applying Rated Voltage, DC

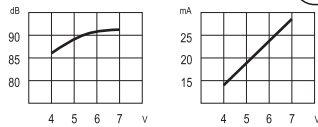
### HCM1201X



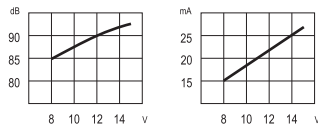
### HCM1203X



### HCM1206X

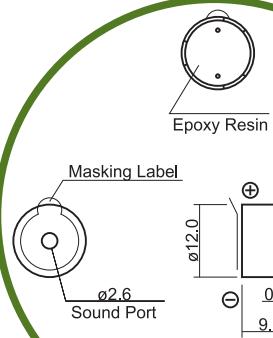


### HCM1212X



**Characteristics Response**  
Measuring Temperature : 25°C  
Measuring Distance : 10cm

**Dimension**  
Unit: mm  
Tolerance : 0,3mm



## HCM12X Series



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

Model	Rated Voltage (V)	Operating Voltage (V)	★Rated Current (mA)	★Sound Output at 10cm (dB)	★Generated Frequency (Hz)	Operating Temperature (°C)	Storage Temperature (°C)	Housing Material	Weight (g)
HCM1201X	1.5	1.3 ~ 2	≤20	≥75	2300 ± 400	-40 ~ +85	-40 ~ +85	Noryl SE1-GFN2	2
HCM1203X	3	2 ~ 5	≤30	≥85	2300 ± 300	-40 ~ +85	-40 ~ +85		2
HCM1206X	6	4 ~ 7	≤30	≥85	2300 ± 300	-40 ~ +85	-40 ~ +85		2
HCM1212X	12	8 ~ 15	≤30	≥85	2300 ± 300	-40 ~ +85	-40 ~ +85		2

★ Value Applying Rated Voltage, DC