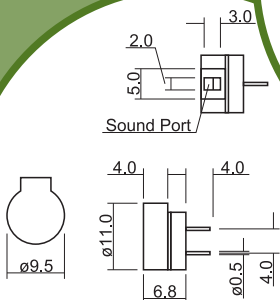


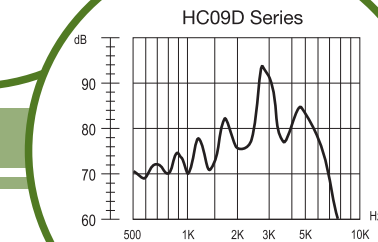
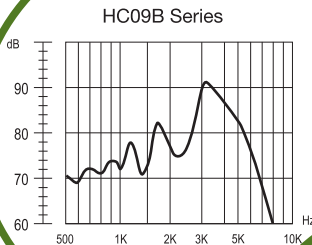
# SoniCrest Electro-Magnetic Sound Generators

## HC09B,D Series



### Dimension

Unit: mm  
Tolerance : 0.3mm



### Frequency Response

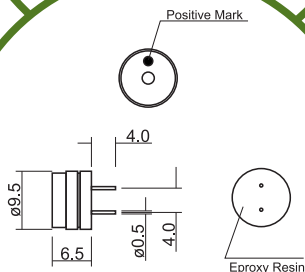
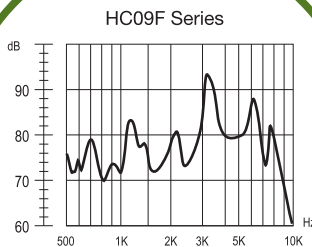
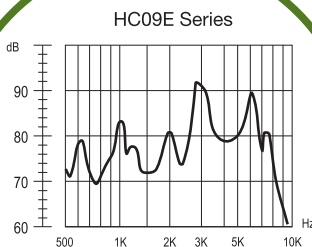
Applied Voltage : 1.5V, 50% Duty Square Wave  
Measuring Distance : 10cm

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

Model	Rated Voltage (V)	Operating Voltage (V)	★Rated Current (mA)	Coil Resistance (Ω)	⊛Coil Impedance (Ω)	★Sound Output at 10cm (dB)	Rated Frequency (Hz)	Operating Temperature (°C)	Storage Temperature (°C)	Housing Material	Weight (g)
HC0901B	1.5	1 ~ 2	≤80	5.5 ± 1	10	≥80	3200	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0903B	3	2 ~ 5	≤80	25 ± 4	40	≥82	3200	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0905B	5	4 ~ 7	≤80	40 ± 4	55	≥85	3200	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0901D	1.5	1 ~ 2	≤80	5.5 ± 1	10	≥80	2731	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0903D	3	2 ~ 5	≤80	25 ± 4	40	≥82	2731	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0905D	5	4 ~ 7	≤80	40 ± 4	55	≥85	2731	-20 ~ +60	-30 ~ +70	Noryl SE1	1

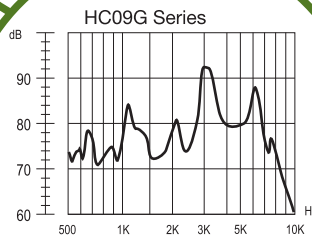
★ Value Applying Rated Voltage, Rated Frequency, 50% Duty Square Wave

⊛ Value Applying Rated Frequency, Sine Wave, Measuring Current 60μA



### Dimension

Unit: mm  
Tolerance : 0.3mm



### Frequency Response

Applied Voltage : 1.5V, 50% Duty Square Wave  
Measuring Distance : 10cm

## HC09E,F,G Series



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

Model	Rated Voltage (V)	Operating Voltage (V)	★Rated Current (mA)	Coil Resistance (Ω)	⊛Coil Impedance (Ω)	★Sound Output at 10cm (dB)	Rated Frequency (Hz)	Operating Temperature (°C)	Storage Temperature (°C)	Housing Material	Weight (g)
HC0901E	1.5	1 ~ 2	≤80	5.5 ± 1	10	≥80	2731	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0903E	3	2 ~ 5	≤80	25 ± 4	40	≥82	2731	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0905E	5	4 ~ 7	≤80	40 ± 4	55	≥85	2731	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0901F	1.5	1 ~ 2	≤80	5.5 ± 1	10	≥80	3200	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0903F	3	2 ~ 5	≤80	25 ± 4	40	≥82	3200	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0905F	5	4 ~ 7	≤80	40 ± 4	55	≥85	3200	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0901G	1.5	1 ~ 2	≤80	5.5 ± 1	10	≥80	3100	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0903G	3	2 ~ 5	≤80	25 ± 4	40	≥82	3100	-20 ~ +60	-30 ~ +70	Noryl SE1	1
HC0905G	5	4 ~ 7	≤80	40 ± 4	55	≥85	3100	-20 ~ +60	-30 ~ +70	Noryl SE1	1

★ Value Applying Rated Voltage, Rated Frequency, 50% Duty Square wave

⊛ Value Applying Rated Frequency, Sine Wave, Measuring Current 60μA