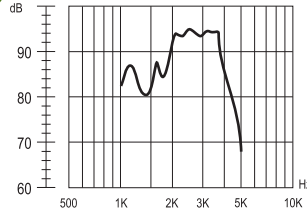
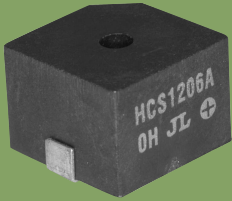


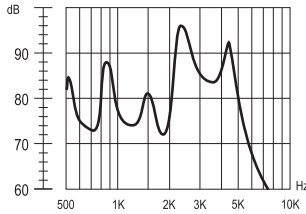
# SoniCrest Electro-Magnetic Sound Generators

## HCS12A,C Series



### Frequency Response

HCS12C Series  
Applied Voltage : 5V, 50% Duty Square Wave  
Measuring Distance : 10cm

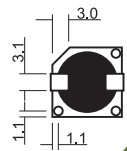
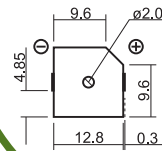
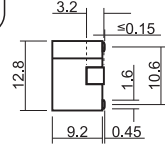


### Frequency Response

HCS12A Series  
Applied Voltage : 6V, 50% Duty Square Wave  
Measuring Distance : 10cm

### Dimension

Unit: mm  
Tolerance : 0.3mm

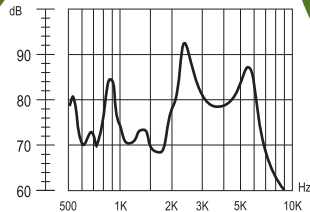


### Specification (all data taken at 25°C unless otherwise specified)

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)
HCS1201A	1.5	1 ~ 2	≤70	6.5±1	16	≥80	2400	-40 ~ +85	-40 ~ +85	PPS	3.5
HCS1206A	6	4 ~ 8	≤60	45±5	80	≥85	2400	-40 ~ +85	-40 ~ +85	PPS	3.5
HCS1212A	12	7 ~ 16	≤60	140±14	240	≥85	2400	-40 ~ +85	-40 ~ +85	PPS	3.5
HCS1205C	5	3 ~ 8	≤160	8±1	--	≥85	2400	-40 ~ +85	-40 ~ +85	PPS	3.5

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

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

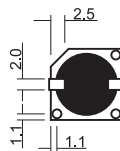
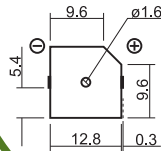
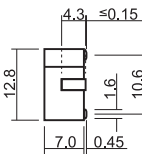


### Frequency Response

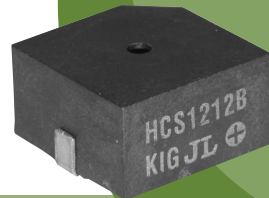
Applied Voltage : 6V, 50% Duty Square Wave  
Measuring Distance : 10cm

### Dimension

Unit: mm  
Tolerance : 0.3mm



## HCS12B 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)
HCS1201B	1.5	1 ~ 2	≤70	6.5±1	16	≥72	2400	-40 ~ +85	-40 ~ +85	PPS	2.6
HCS1206B	6	4 ~ 8	≤60	45±5	80	≥82	2400	-40 ~ +85	-40 ~ +85	PPS	2.6
HCS1212B	12	7 ~ 16	≤60	140±14	240	≥82	2400	-40 ~ +85	-40 ~ +85	PPS	2.6

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

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