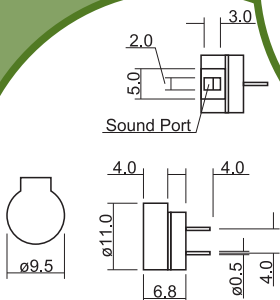


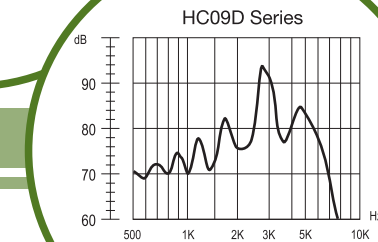
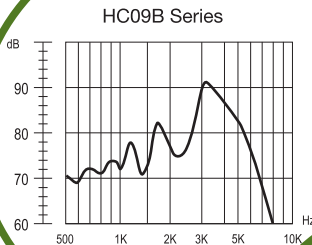
SoniCrest Electro-Magnetic Sound Generators

HC09B,D Series



Dimension

Unit: mm
Tolerance : 0.3mm



Frequency Response

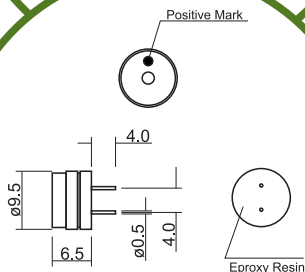
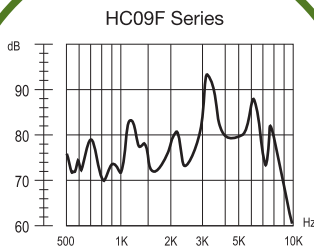
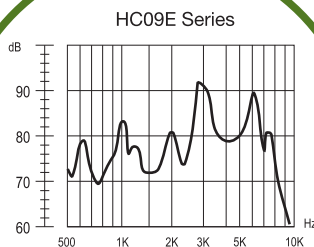
Applied Voltage : 1.5V, 50% Duty Square Wave
Measuring Distance : 10cm

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 |

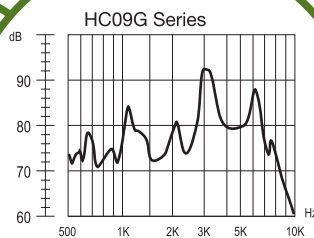
★ Value Applying Rated Voltage, Rated Frequency, 50% Duty Square Wave

⊛ 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