

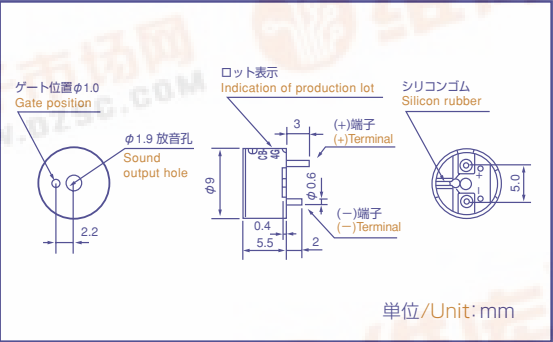
# CB-09GP



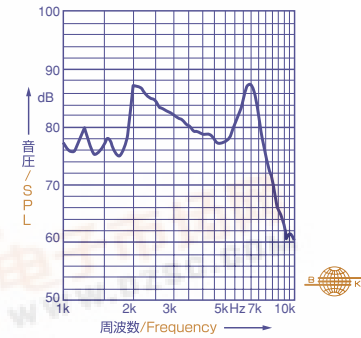
φ9×5.5mm

接続リード/Connection leads: P,W,N

## 外形寸法図/Outline drawing



## 周波数特性/ Frequency characteristics



## 仕様/Specifications

|         |                                   |         |       |                            |                         |        |                               |       |
|---------|-----------------------------------|---------|-------|----------------------------|-------------------------|--------|-------------------------------|-------|
| 定格電圧    | Rated voltage (V)                 | 5       | 音圧*   | Sound pressure level* (dB) | min.85 typ.90 (at 10cm) | 直流抵抗   | DC resistance (Ω)             | 25    |
| 平均消費電流* | Average current consumption* (mA) | max.100 | 駆動周波数 | Driving frequency (Hz)     | 2,700                   | 動作電圧範囲 | Operating voltage range (VDC) | 1.1~6 |

★3V, 2,700Hz, 1/2 duty, 方形波/★At 3V, 2,700Hz, 1/2 duty, square wave

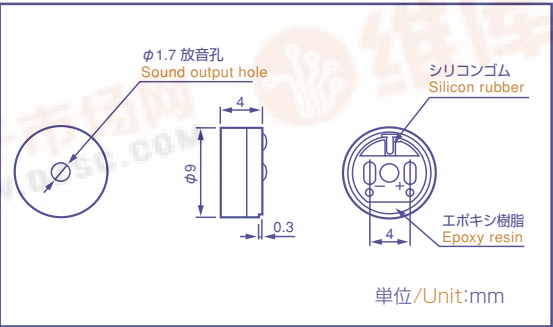
# CB-09H



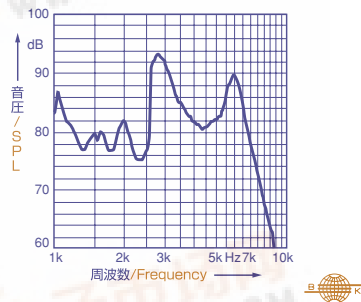
φ9×4mm

接続リード/Connection leads: P,W,N

## 外形寸法図/Outline drawing



## 周波数特性/ Frequency characteristics



## 仕様/Specifications

|         |                                   |        |       |                            |                         |        |                               |       |
|---------|-----------------------------------|--------|-------|----------------------------|-------------------------|--------|-------------------------------|-------|
| 定格電圧    | Rated voltage (V)                 | 3      | 音圧*   | Sound pressure level* (dB) | min.85 typ.90 (at 10cm) | 直流抵抗   | DC resistance (Ω)             | 18    |
| 平均消費電流* | Average current consumption* (mA) | max.70 | 駆動周波数 | Driving frequency (Hz)     | 2,700                   | 動作電圧範囲 | Operating voltage range (VDC) | 1.1~4 |

★5V, 2,700Hz, 1/2 duty, 方形波/★At 5V, 2,700Hz, 1/2 duty, square wave

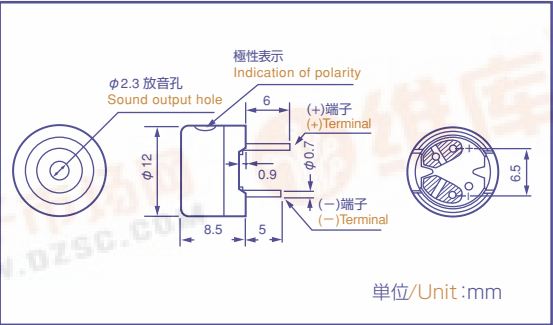
# CB-12AP-03



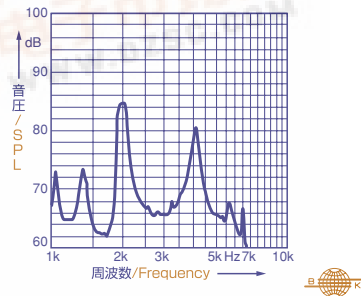
φ12×8.5mm

接続リード/Connection leads: P,W,N

## 外形寸法図/Outline drawing



## 周波数特性/ Frequency characteristics



## 仕様/Specifications

|         |                                   |        |       |                            |                         |        |                               |          |
|---------|-----------------------------------|--------|-------|----------------------------|-------------------------|--------|-------------------------------|----------|
| 定格電圧    | Rated voltage (V)                 | 1.5    | 音圧*   | Sound pressure level* (dB) | min.80 typ.88 (at 10cm) | 直流抵抗   | DC resistance (Ω)             | 42       |
| 平均消費電流* | Average current consumption* (mA) | max.10 | 駆動周波数 | Driving frequency (Hz)     | 2,048                   | 動作電圧範囲 | Operating voltage range (VDC) | 1.1~1.7※ |

★1.5V/2,048Hz, 1/2 duty, 方形波/★At 1.5V, 2,048Hz, 1/2 duty, square wave  
※動作電圧は5Vまで使用可能です。詳細はお問い合わせ下さい。/※ Operating voltage of up to 5V can be used. Please consult with us for details.