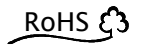


## エレクトレットコンデンサーマイクロホン Electret Condenser Microphone EM247



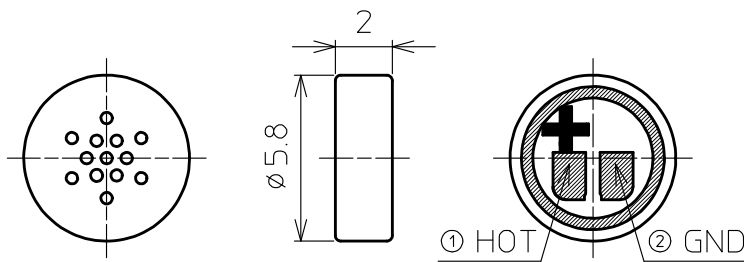
### 1. 特長 Features

高感度, 小型薄型, 軽量.  
High sensitivity, Small size, Thin & light weight.

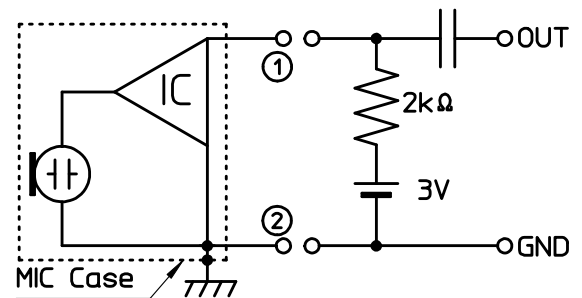
### 2. 仕様 Specifications

2-1) 指向性 Directional Characteristic	: 無指向性 Omni-directional
2-2) 感度 Sensitivity	: $-36 \text{ dB} \pm 3 \text{ dB}$ at 1 kHz ( $0 \text{ dB} = 1 \text{ V/Pa}$ ) $V_{CC} = 3 \text{ V}$ , $R_L = 2 \text{ k}\Omega$
2-3) インピーダンス Impedance	: $1.6 \text{ k}\Omega \pm 30 \%$ at 1 kHz
2-4) S/N 比 S/N Ratio	: 68 dB at 1 kHz ( 1 Pa, A weighted network )
2-5) 動作電圧 Operating Voltage	: 3 V
2-6) 消費電流 Current Consumption	: 400 $\mu\text{A}$ Max
2-7) 最大入力音圧 Max. Input Sound Pressure Level	: 115 dB S. P. L.
2-8) 重量 Weight	: 0.13 g

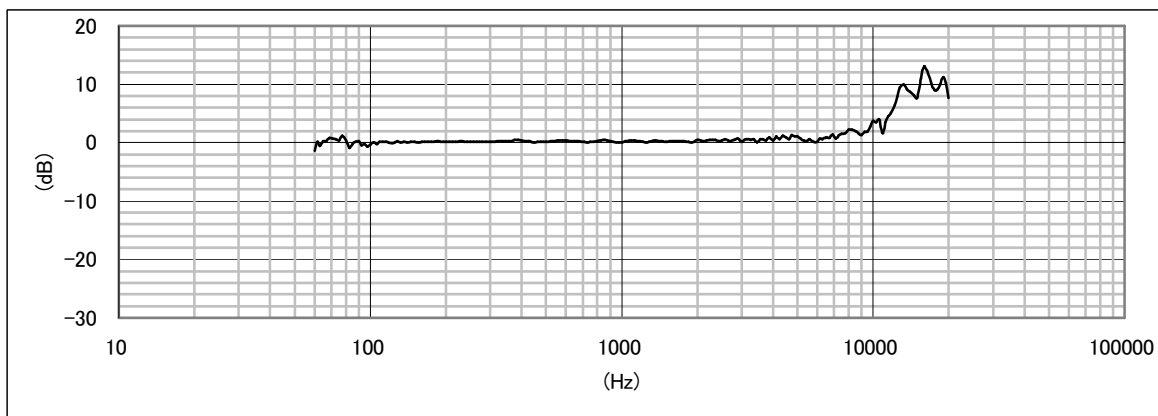
### 3. 外観図 Appearance Drawing [mm]



### 4. 回路図 Circuit Diagram



### 5. 周波数特性 Frequency Response



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