



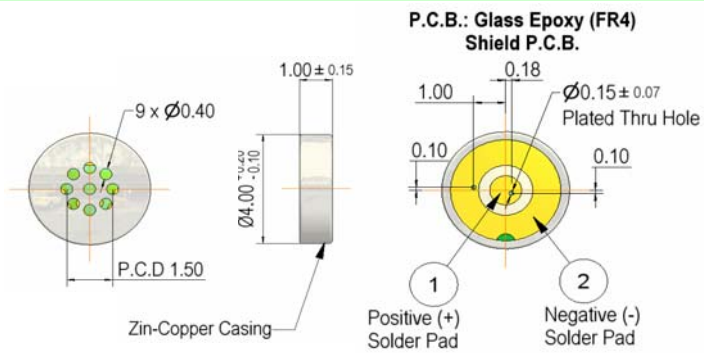
EM-8021FYNC

New Product 新制品

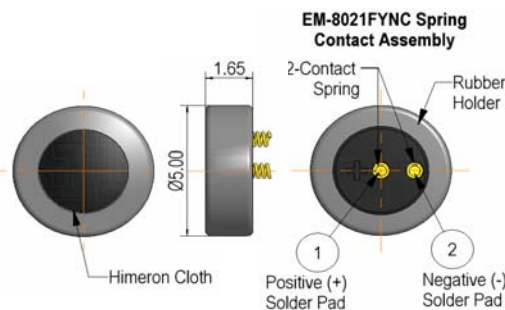
1 General Description 品格介绍

Application : Conference Phone, Voice Recorder, Home surveillance camera, Hearing Aid, Car Kit, Headphone, etc...
用途: 会议电话机, 录音机, 住宅安全监通话机, 助听器, 耳机汽车通讯器材, 类似等等...
Features : Miniature, Space Saving
用途: 特小型, 空间俭省

2 Appearance and Mechanical Dimension 外观. 尺寸图形



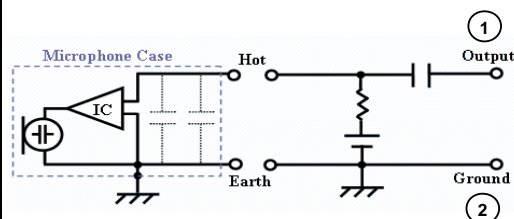
3 Appearance and Mechanical Dimension 外观. 尺寸图形



4 Specifications 规格

- 2-1 Directivity (方向特性) : Omni-Directional (全向)
- 2-2 Sensitivity at 1kHz (灵敏度) : $-42.0 \pm 3.0\text{dB}$
(ref. 0dB=1V/Pa)
- 2-3 Operational Setting (操作设立集) : $R_L=2.0\text{k}\Omega$ $V_{cc}=3.0\text{V}$
- 2-4 Impedance (阻抗) : Less than $2.0\text{k}\Omega$
- 2-5 Current Consumption (电流消耗) : Max. $350\mu\text{A}$
- 2-6 Built-in Capacitor (嵌入电容) : J $\rightarrow 10\text{pF}$, K $\rightarrow 33\text{pF}$
[N $\rightarrow (10\text{pF} + 33\text{pF})$]
- 2-7 Signal Noise Ratio (信噪比) : More than 58.0dB
- 2-8 Sound Pressure Level (音压) : Max. 120dB SPL

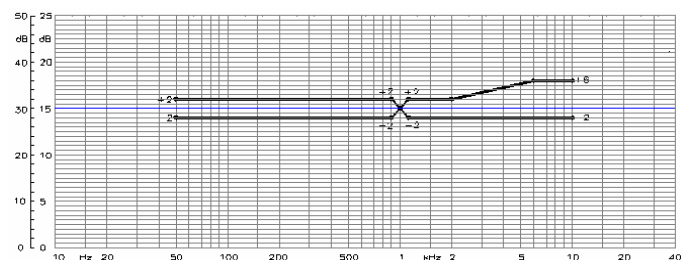
5 Circuit Diagram 集成电路



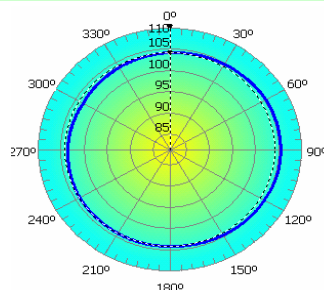
*Note (指明)

EM-8021FYNC: Built-in Capacitors (嵌入电容)
N: $10\text{pF} + 33\text{pF}$

6 Frequency Response 频率特性曲线



7 Polar Pattern 极线结构



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