



EM-8021FTYN

New Product 新制品

1 General Description 品格介绍

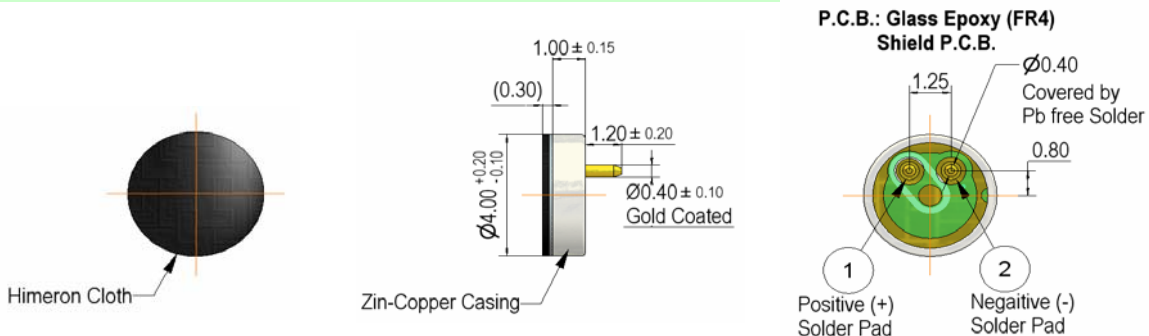
Application : Conference Phone, Voice Recorder, Home surveillance camera, Hearing Aid, Car Kit, Headphone, etc...

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

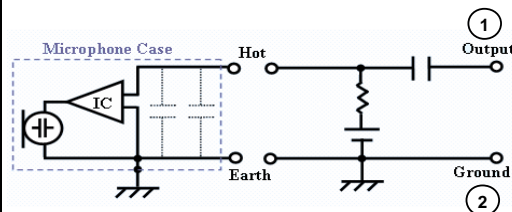
2 Appearance and Mechanical Dimension 外观. 尺寸图形



3 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) : RL=2.0k Ω Vcc=3.0V
- 2-4 Impedance (阻抗) : Less than 2.0k Ω
- 2-5 Current Consumption (电流消耗) : Max. 400 μA
- 2-6 Built-in Capacitor (嵌入电容) : J \rightarrow 10pF, K \rightarrow 33pF
[N \rightarrow (10pF + 33pF)]
- 2-7 Signal Noise Ratio (信噪比) : More than 56.0dB
- 2-8 Sound Pressure Level (音压) : Max. 130dB SPL

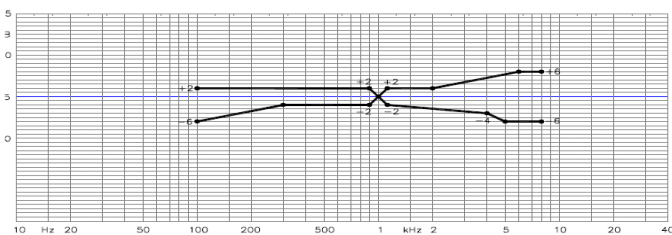
4 Circuit Diagram 集成电路



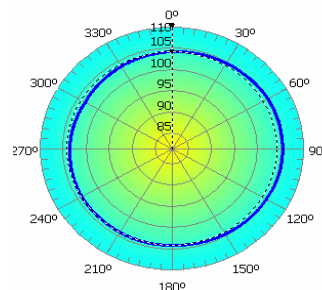
*Note (指明)

EM-8021FTYN: Built-in Capacitors (嵌入电容)
N: 10pF + 33pF

5 Frequency Response 频率特性曲线



6 Polar Pattern 极线结构



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