



# EM-8021FYNG

**New Product 新制品**

## 1 General Description 品格介绍

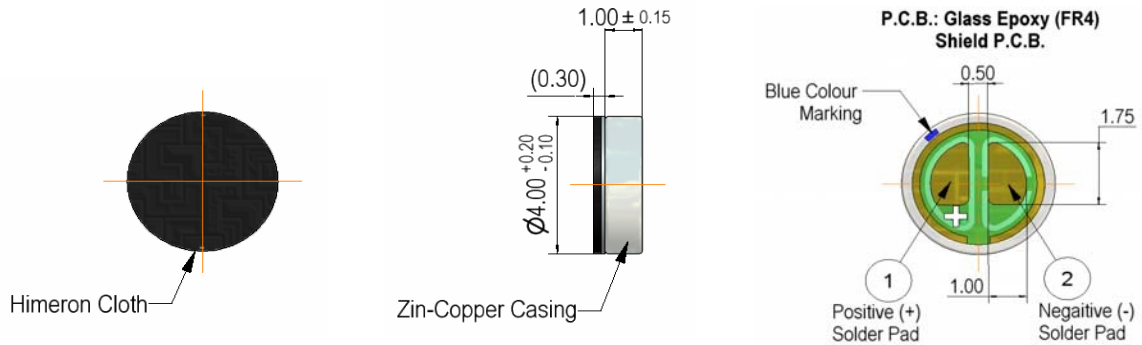
Application : Conference Phone, Voice Recorder, Home surveillance camera, Hearing Aid, Car Kit, Headphone, etc...

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

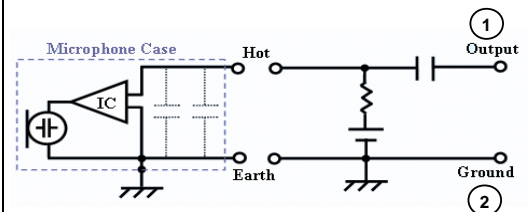
## 2 Appearance and Mechanical Dimension 外观. 尺寸图形



## 3 Specifications 规格

- 2-1 Directivity (方向特性) : Omni-Directional (全向)
- 2-2 Sensitivity at 1kHz (灵敏度) :  $-43.5 \pm 2.0\text{dB}$   
(ref. 0dB=1V/Pa)
- 2-3 Operational Setting (操作设立集) : RL=2.0kΩ Vcc=3.0V
- 2-4 Impedance (阻抗) : Less than 2.0kΩ
- 2-5 Current Consumption (电流消耗) : Max. 400μA
- 2-6 Built-in Capacitor (嵌入电容) : J → 10pF, K → 33pF  
[N → (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

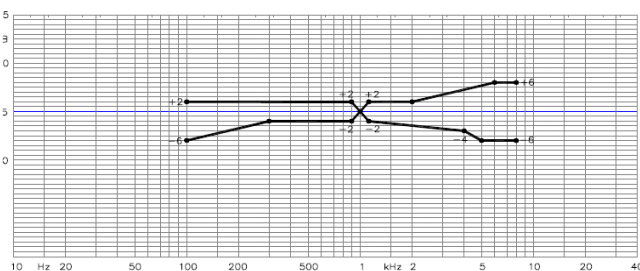


\*Note (指明)

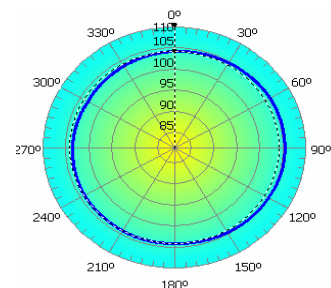
EM-8021FYNG: Built-in Capacitors (嵌入电容)

N: 10pF + 33pF

## 5 Frequency Response 频率特性曲线



## 6 Polar Pattern 极线结构



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