



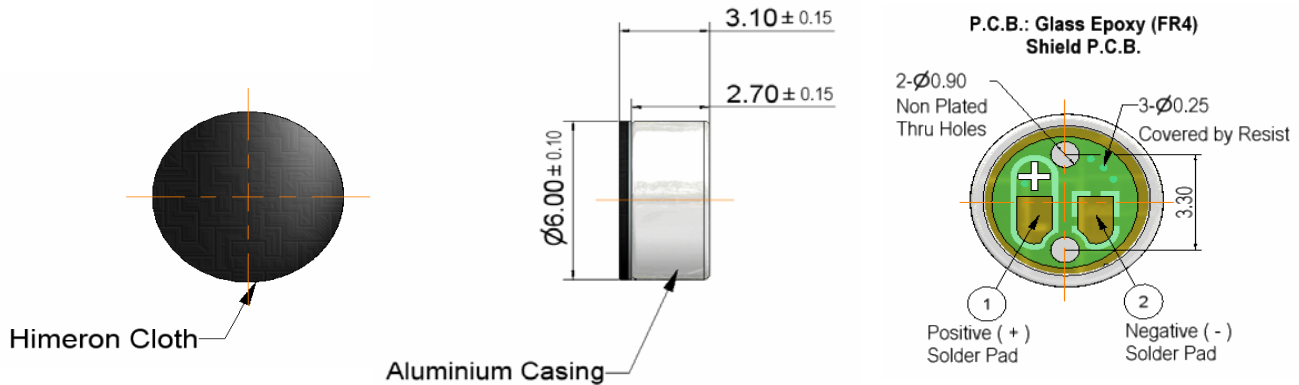
EM-8011FYN

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...

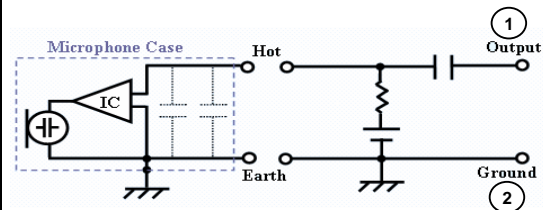
2 Appearance and Mechanical Dimension 外观. 尺寸图形



3 Specifications 规格

- 2-1 Directivity (方向特性) : Uni-Directional 单向)
- 2-2 Sensitivity at 1kHz (灵敏度) : $-46.0 \pm 3.0\text{dB}$
(ref. 0dB=1V/Pa)
- 2-3 Front to rear ratios : Above 12dB
400Hz to 4000Hz (180° ± 45°)
- 2-4 Operational Setting (操作设立集) : RL=2.0kΩ VCC=3.0V
- 2-5 Impedance (阻抗) : Less than 2.0kΩ
- 2-6 Current Consumption (电流消耗) : Max. 400μA
- 2-7 Built-in Capacitor (嵌入电容) : J → 10pF, K → 33pF
[N → (10pF + 33pF)]
- 2-8 Signal Noise Ratio (信噪比) : More than 58.0dB
- 2-9 Sound Pressure Level (音压) : Max. 120dB SPL

4 Circuit Diagram 集成电路

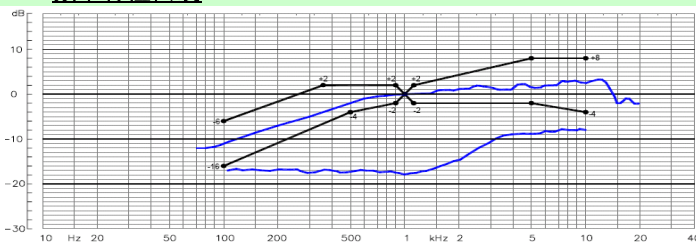


*Note (指明)

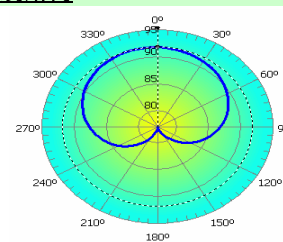
EM-8011FYN: Built-in Capacitors (嵌入电容)

N: 10pF + 33pF

5 Frequency Response 频率特性曲线



6 Polar Pattern 极线结构



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