



# EM-123FYD-J

## 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...

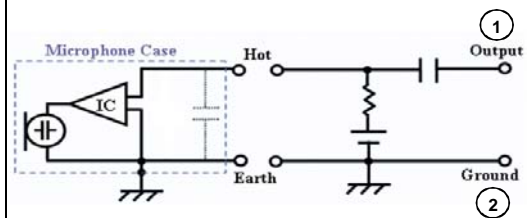
## 2 Appearance and Mechanical Dimension 外 观 尺 寸 图 形



## 3 Specifications 规 格

2-1 Directivity (方向特性)	: Omni-Directional (全向)
2-2 Sensitivity at 1kHz (灵敏度) (ref. 0dB=1V/Pa)	: $-41.5 \pm 2.0$ dB
2-3 Operational Setting (操作设立集)	: $R_L=2k\Omega$ $V_{cc}=3V$
2-4 Impedance (阻抗)	: $2.0k\Omega \pm 30\%$ at 1KHz
2-5 Current Consumption (电流消耗)	: Max. $400\mu A$
2-6 Built-in Capacitor (嵌入电容)	: J $\rightarrow$ 10pF
2-7 Signal Noise Ratio (信噪比)	: More than 58dB
2-8 Sound Pressure Level (音压)	: Max. 120dB SPL

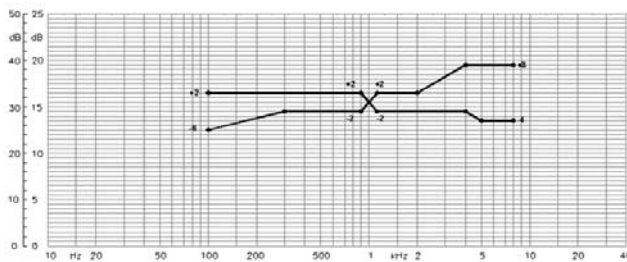
## 4 Circuit Diagram 集 成 电 路



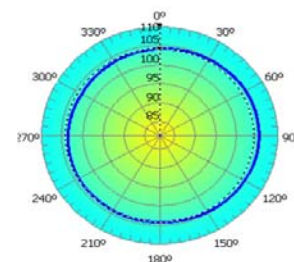
\*Note (指明)

EM-123FYD-J: Built-in Capacitors (嵌入电容)  
J: 10pF

## 5 Frequency Response 频 率 特 性 曲 线



## 6 Polar Pattern 极 线 结 构



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