



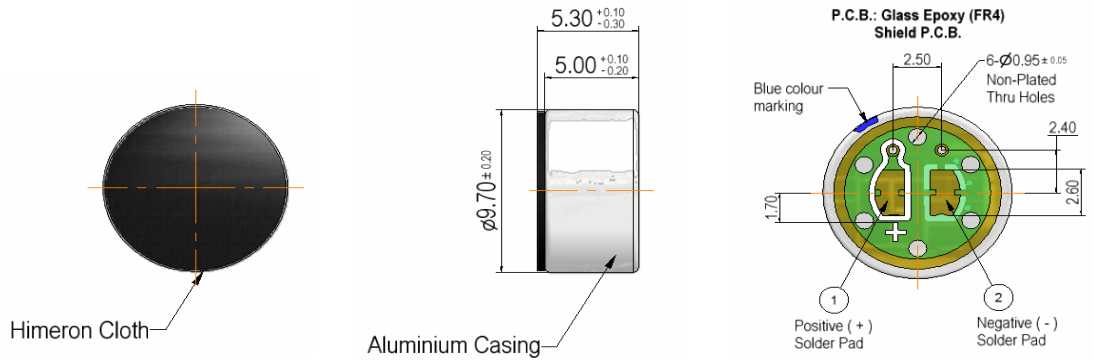
# EM-8010FYN-G

**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...

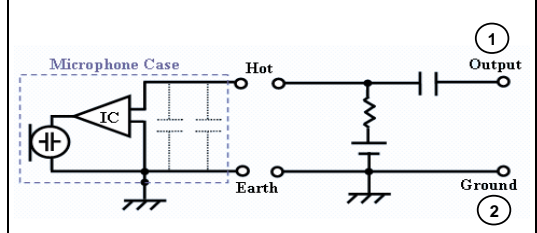
## 2 Appearance and Mechanical Dimension 外观. 尺寸图形



## 3 Specifications 规格

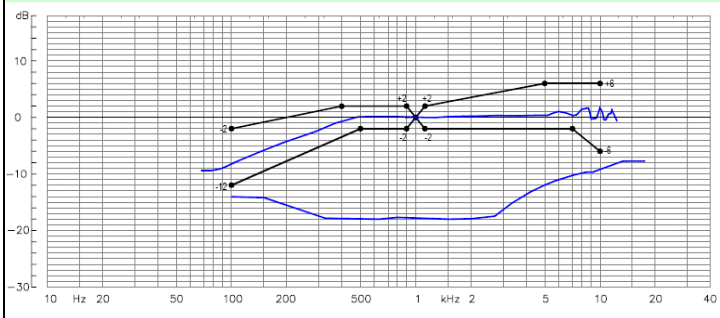
- 2-1 Directivity (方向特性) : Uni-Directional (单向)
- 2-2 Sensitivity at 1kHz (灵敏度) : -48.5 ± 2.0dB  
(ref. 0dB=1V/Pa)
- 2-3 Front to rear ratios : Above 12dB  
400Hz to 4000Hz (180° ± 45°)
- 2-4 Operational Setting (操作设立集) :  $R_L=2.2k\Omega$   $V_{CC}=1.5V$
- 2-5 Impedance (阻抗) : Less than 2.2k $\Omega$
- 2-6 Current Consumption (电流消耗) : Max. 400 $\mu$ A
- 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 50dB
- 2-9 Sound Pressure Level (音压) : Max. 120dB SPL

## 4 Circuit Diagram 集成电路

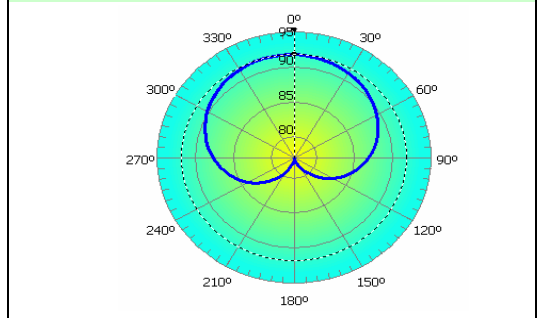


\*Note (指明)  
EM-8010FYN-G: Built-in Capacitors 嵌入电容)  
N: 10pF + 33pF

## 5 Frequency Response 频率特性曲线



## 6 Polar Pattern 极线结构



**PRIMO MICROPHONES SINGAPORE (PTE) LTD**  
171, Kallang Way, #02-05/06. Singapore 349250.  
TEL: (65) 6747 3586 FAX: (65) 6744 3597  
E-mail: pmsls@singnet.com.sg  
Website: http://www.primo.com.sg

**PRIMO MICROPHONES (HK) CO., LTD**  
Unit No: 1705, Level 17, Tower II  
Grand Central Plaza, Shatin N.T Hong Kong  
TEL: (852) 21449651 / 21449756 FAX: (852) 21449836  
E-mail: pmhk8988@netvigator.com