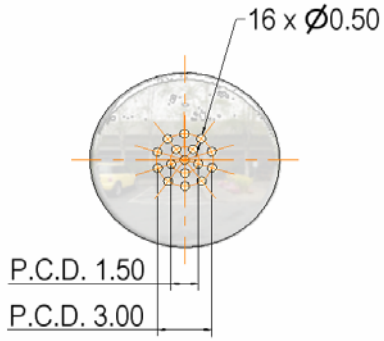
Preliminary Product Specification
初步产品说明书

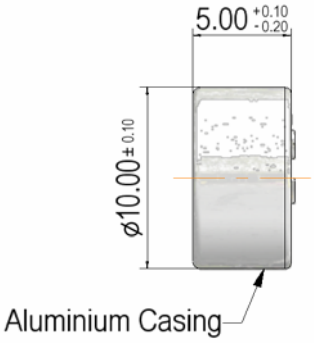
EM-8003FGY

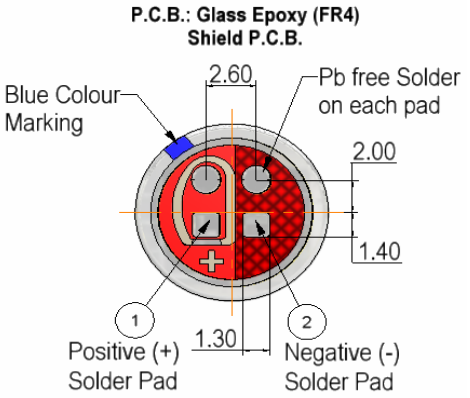
1 General Description 品格介绍

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，類似等等…

2 Appearance and Mechanical Dimension 外观. 尺寸图形



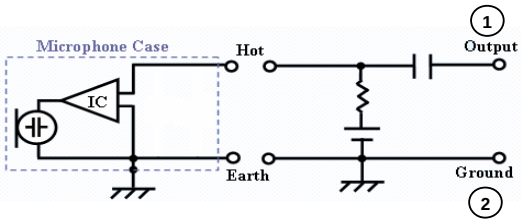




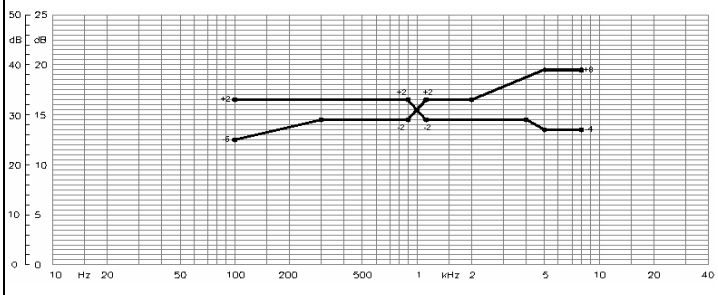
3 Specifications 规格

2-1	Directivity (方向特性)	: Omni-Directional (全向)
2-2	Sensitivity at 1kHz (灵敏度) (ref. 0dB=1V/Pa)	: -37.5 ± 2.0dB
2-3	Operational Setting (操作设立集)	: R_L=2kΩ V_{CC}=1.5V
2-4	Impedance (阻抗)	: Less than 2KΩ
2-5	Current Consumption (电流消耗)	: Max. 300μA
2-6	Signal Noise Ratio (信噪比)	: More than 58.0dB
2-7	Sound Pressure Level (音压)	: Max. 120dB SPL

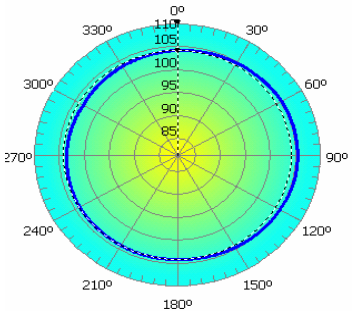
4 Circuit Diagram 集成电路



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

Date: 29.09.2009