

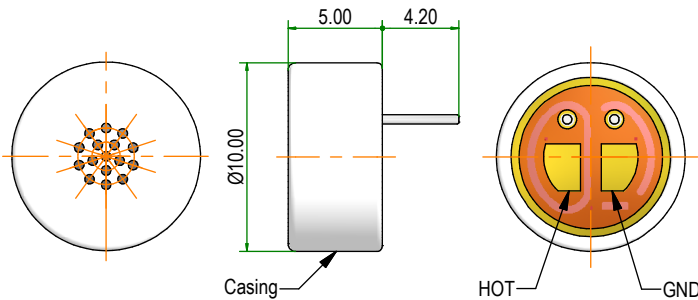


Electret Condenser Microphone Unit EM8023T Series

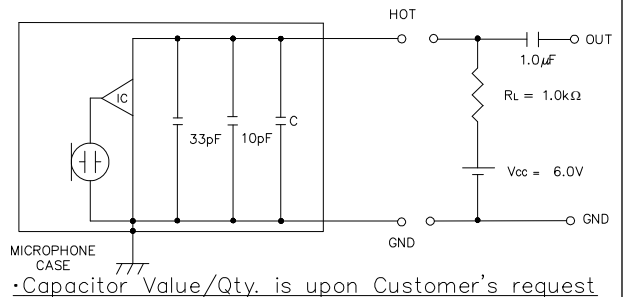
1. Specification:

- 1-1) Directivity [方向特性] Omni Directional
- 1-2) Sensitivity [靈敏度] $-44.0 \pm 3.0\text{dB}$, (at $f = 1\text{kHz}$), (ref. $0\text{dB} = 1\text{V}/\text{Pa}$) $V_{cc} = 6.0\text{V}$, $R_L = 1.0\text{k}\Omega$
D : $-42.5 \pm 2.0\text{dB}$, G : $-45.5 \pm 2.0\text{dB}$
- 1-3) Output Impedance [阻抗] $1.0\text{k}\Omega \pm 30\%$ at $f = 1\text{kHz}$, $P_{in} = 1\text{Pa}$
- 1-4) S/N Ratio [信噪比] Typ. 70.0dB , (at $f = 1\text{kHz}$, $P_{in} = 1\text{Pa}$), (A Weighted)
- 1-5) Operating Voltage Range [工作電壓範圍] 6.0V ($2.0\text{V} \sim 10.0\text{V}$)
- 1-6) Current Consumption [電流消耗] $650\mu\text{A}$ Max ($V_{cc} = 6.0\text{V}$, $R_L = 1.0\text{k}\Omega$)
- 1-7) Maximum Input Sound Pressure Level [音壓] ... 114dB S.P.L.
- 1-8) Weight [重量] Max 0.8g
- 1-9) Capacitor (Built in) [電容 (內置)] N : ($10\text{pF} + 33\text{pF}$) + C : Optional
- 1-10) Cloth [布]..... Optional (Dust / Water-proof)

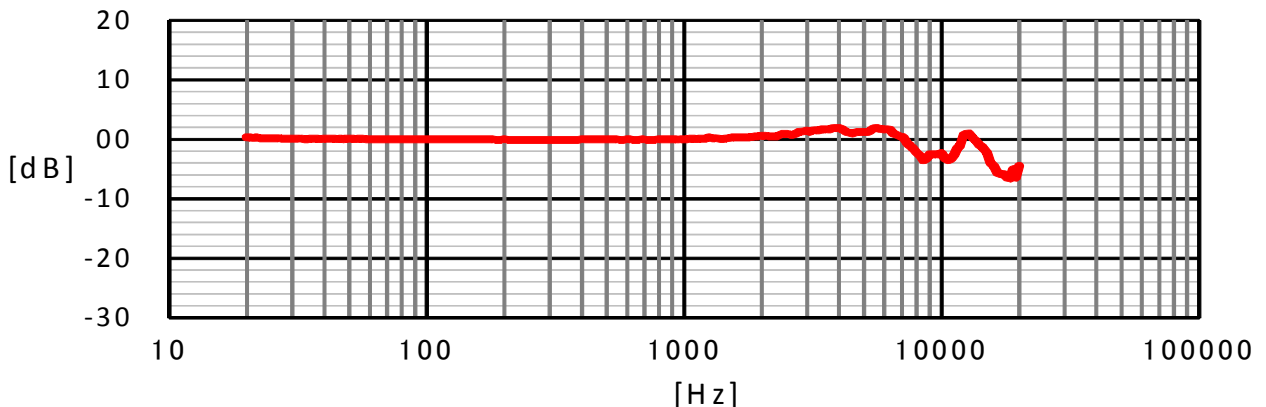
2. Appearance and Dimension [mm]



3. Electrical Circuit



4. Frequency Response



PRIMO MICROPHONES SINGAPORE (PTE) LTD
 158 Kallang Way #06-07 PERFORMANCE BUILDING
 SINGAPORE 349245
 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. 815 - 816, 8/F, Shatin Galleria,
 18 - 24 Shan Mei Street, Fotan, N.T. Hongkong
 TEL: (852) 21449651 / 21449756 FAX: (852) 21449836
 E-mail: pmhk@primomic.com.hk