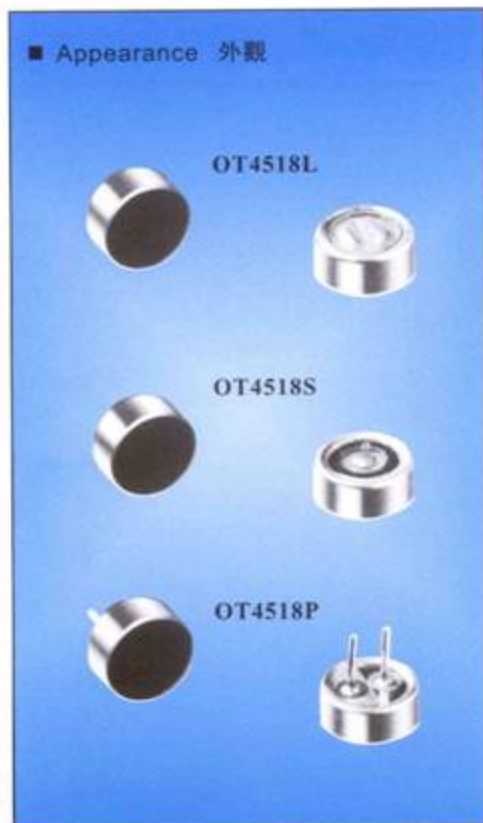


OT4518L/OT4518S/OT4518P

Appearance 外觀

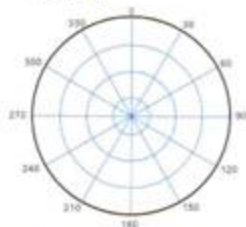


- Microminiature size, ultra thin omnidirectional microphone
- Suitable for the products with small space
- Can be built with one or two inner capacitors, which is available for marking the volume in the P/N
- Better-Shielded RF-noise resistant type
- 超小型薄型全指向性傳聲器
- 適用於內部空間小的制品
- 可以內置1個或2個電容並在產品型號中標識電容量值
- 很好的抗射頻干擾能力

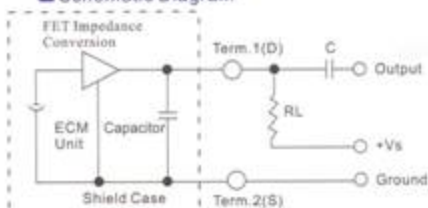
Sensitivity 靈敏度

$V_s=2.0V$ $R_L=2.2K\Omega$ $-46 \pm 2dB$ $-44 \pm 2dB$ $-42 \pm 2dB$

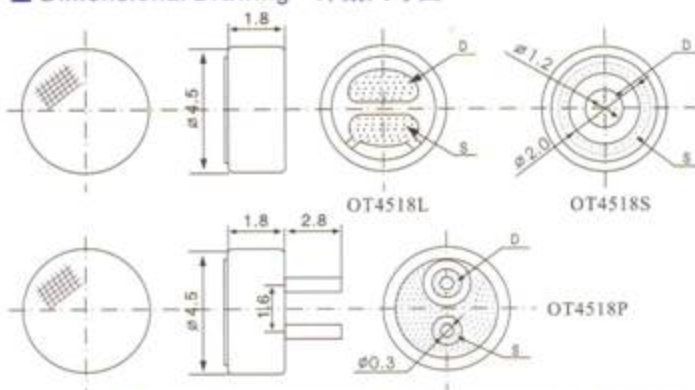
Polar directivity pattern 極性圖



Schematic Diagram



Dimensional Drawing 外觀尺寸圖



技術說明

靈敏度	見上表 (0dB=1V/Pa, 1KHz)
輸出阻抗	2.2K Ω ~30%
指向性	全指向性
頻率回應	50~12,000Hz
最大工作電壓	10V
標準工作電壓	2V
消耗電流	最大0.5mA
靈敏度隨電壓衰減特性	2V→1.5V 變化 -3dB以內
信噪比	>58dB

Specifications

Sensitivity	See above (0dB=1V/Pa, 1KHz)
Impedance	2.2K Ω ~30%
Directivity	Omnidirectional
Frequency	50~12,000Hz
Max operation voltage	10V
Standard operation voltage	2V
Current consumption	Max 0.5mA
Sensitivity reduction	Within -3dB at 1.5V
S/N (Signal to noise) ratio	More than 58dB

Typical Frequency Response Curve 頻率特性

