

OF9445L/OF9445P

Appearance 外觀

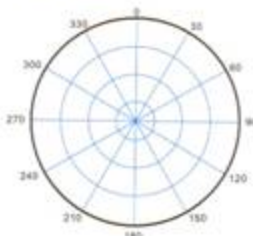


- General purpose, omnidirectional microphone
- Can be built into microphones with multi sound ports
- Can be built with one or two inner capacitors, which are available for marking the volume in the P/N
- 普通小型全指向性傳聲器
- 可以制成多音孔的傳聲器
- 可以內置1個或2個電容并在產品型號中標識電容量值

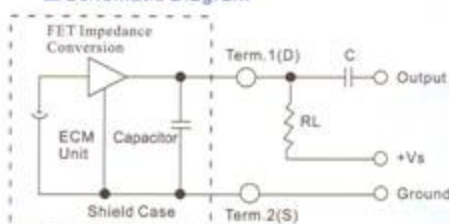
Sensitivity 靈敏度

$V_s=3.0V$ $R_L=2.2K\Omega$ $-44 \pm 3dB$ $-40 \pm 3dB$ $-36 \pm 3dB$

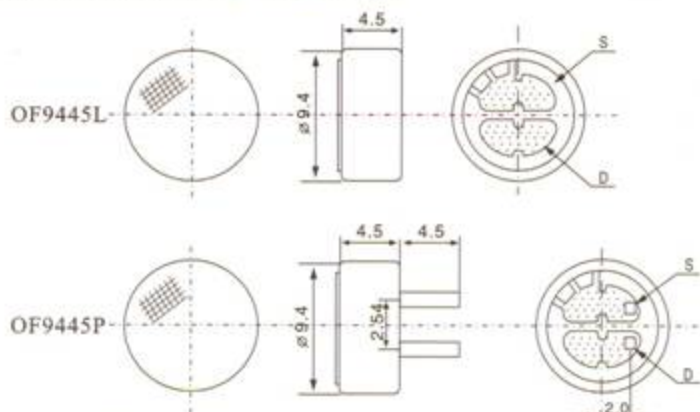
Polar directivity pattern 極性圖



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	20~16,000Hz
最大工作電壓	10V
標準工作電壓	3V
消耗電流	最大0.5mA
靈敏度隨電壓衰減特性	3V $\rightarrow$ 2V 變化 -3dB以內
信噪比	>60dB

Specifications

Sensitivity	See above (0dB=1V/Pa, 1KHz)
Impedance	2.2K Ω ~30%
Directivity	Omnidirectional
Frequency	20~16,000Hz
Max operation voltage	10V
Standard operation voltage	3V
Current consumption	Max 0.5mA
Sensitivity reduction	Within -3dB at 2V
S/N (Signal to noise) ratio	More than 60dB

Typical Frequency Response Curve 頻率特性

