

### OB4527L/OB4527S/OB4527P

#### Appearance 外觀

OB4527L



OB4527S



OB4527P

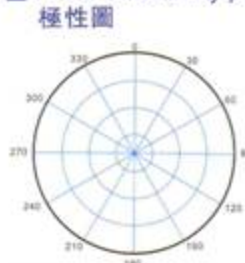


- Microminiature size omnidirectional microphone
- Suitable for the products with small space
- Can be built with one or two inner capacitors, which is available for marking the volume in the P/N
- Better-Shielded RF-noise resistant type
- 超小型全指向性傳聲器
- 適用於內部空間小的制品
- 可以內置1個或2個電容並在產品型號中標識電容量值
- 很好的抗射頻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

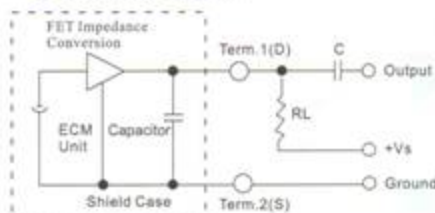
#### Sensitivity 靈敏度

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

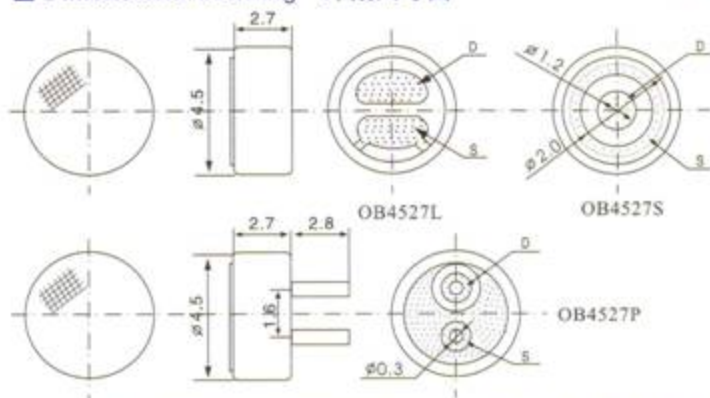
#### Polar directivity pattern 極性圖



#### 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 $\Omega$ -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 $\rightarrow$ 1.5V 變化 -3dB以內
信噪比	>58dB

#### Specifications

Sensitivity	See above (0dB=1V/Pa, 1KHz)
Impedance	2.2K $\Omega$ -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

