

OB6027BL/OF6027BL

■ Appearance 外觀

OB(F)6027BL

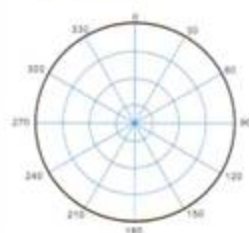


- Microminiature size, thin omnidirectional microphone
- Suitable for the products with small space
- Can be built with one or two inner capacitors, which is available for marking the volume in the P/N
- Very small current
- 超小型薄型全指向性傳聲器
- 適用於內部空間小的制品
- 可以內置1個或2個電容並在產品型號中標識電容量值
- 很小電流，低功耗的

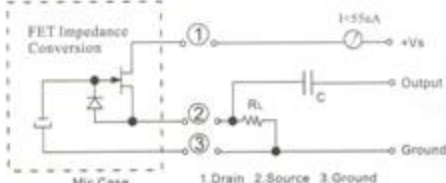
■ Sensitivity 靈敏度

$V_s=2.0V$ $R_L=10K\Omega$ $-44 \pm 3dB$ $-40 \pm 3dB$ $-36 \pm 3dB$

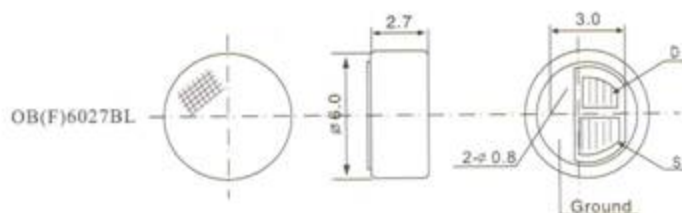
■ Polar directivity pattern 極性圖



■ 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	小于1.0KΩ
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	2V
消耗電流	最大55uA
靈敏度隨電壓衰減特性	2V→1.5V 變化 -3dB以內
信噪比	>60dB

Specifications

Sensitivity	See above (0dB=1V/Pa, 1KHz)
Impedance	Less than 1.0KΩ
Directivity	Omnidirectional
Frequency	20~16,000Hz
Max operation voltage	10V
Standard operation voltage	2V
Current consumption	Max 55uA
Sensitivity reduction	Within -3dB at 1.5V
S/N (Signal to noise) ratio	More than 60dB

■ Typical Frequency Response Curve 頻率特性

