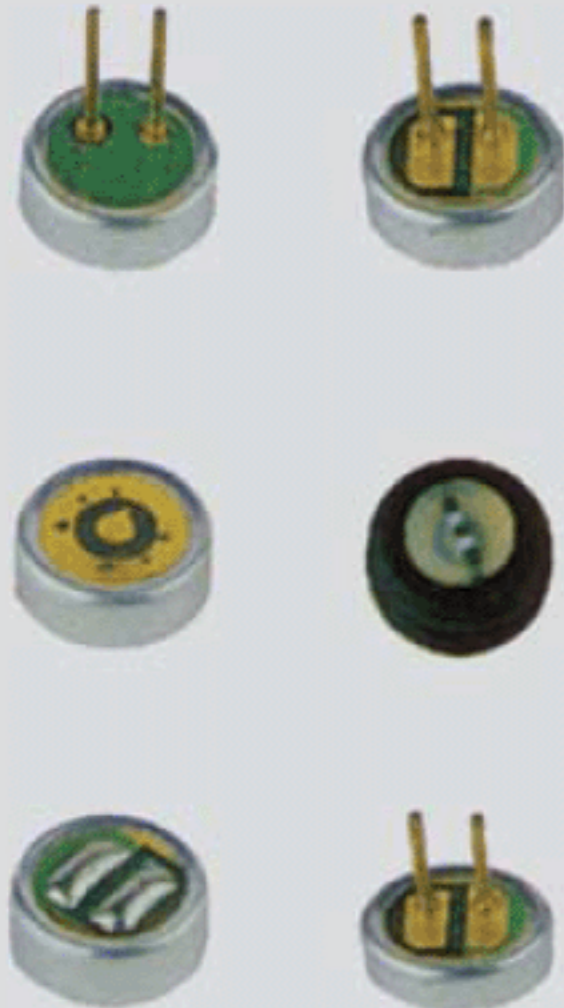


OB-6027

Omnidirectional Back Electret Condenser Microphone

Appearance



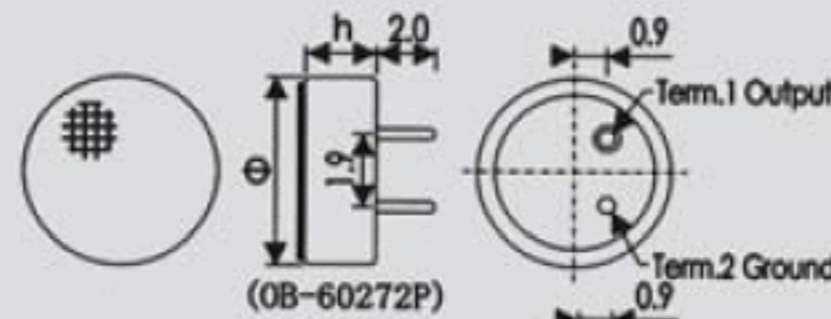
Typical frequency response curve



Dimensional drawing

Unit: mm

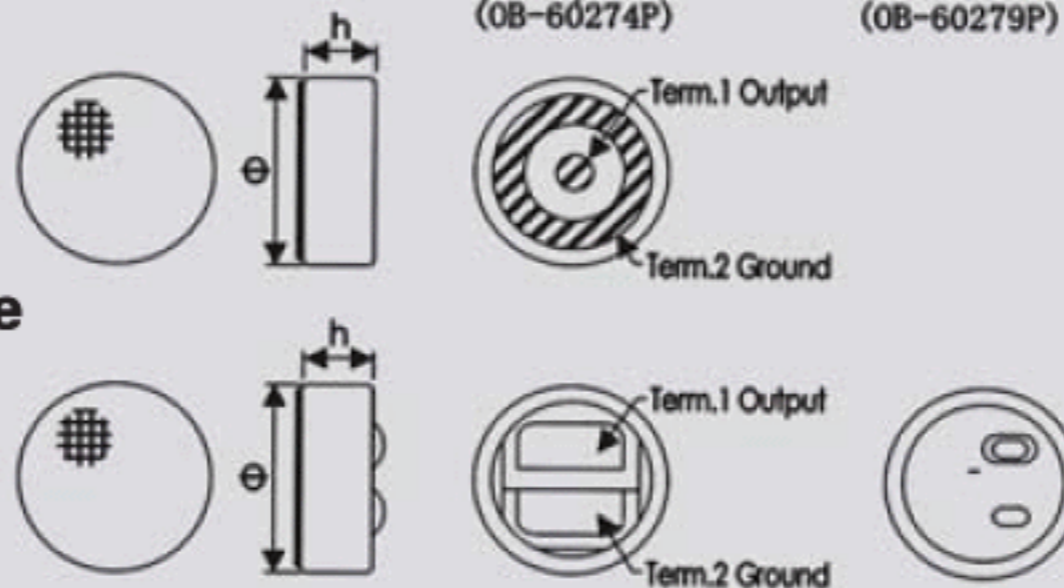
Pin type



Solderless



Lead-wire



Shape size

Φ6.0X h2.7

Sensitivity range

$V_s=2.0v$
 $R_L=2.2K\Omega$

$-38 \pm 3dB$ $-44 \pm 3dB$
 $-42 \pm 3dB$ $-46 \pm 3dB$

- Very small, thin type omni-directional microphone
- Most suited to products having limited Space
- To design for high resistance to vibrations
- Capacitor inside:
10pF (DECT, PHS, PCN, PCS, etc.)
33pF (GSM, PDS, etc.)
10pF+33pF (DECT, PHS, PCN, GSM, PDS, etc.)

Specification

Sensitivity

See above (0dB=1V / Pa, 1kHz)

Impedance

Less than 2.2KΩ

Directivity

Omn-directional

Frequency

20-16,000Hz

Max. operation voltage

10.0V

Standard Operation voltage

2.0V

Current consumption

Max. 0.5mA

Sensitivity reduction

Within -3dB at 1.5V

S/N ratio

More than 58dB