

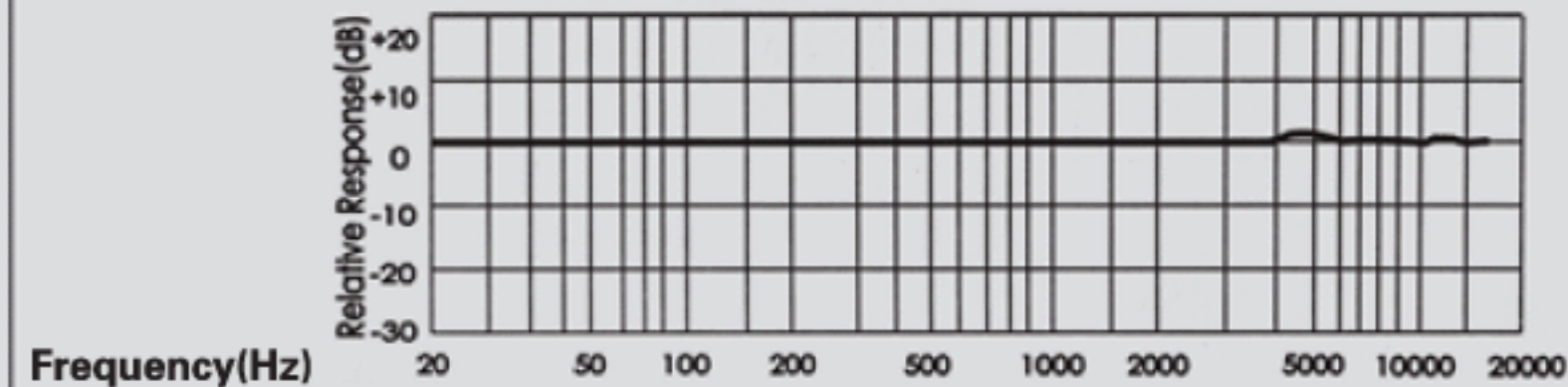
OB-6022、6018

Omnidirectional Back Electret Condenser Microphone

Appearance



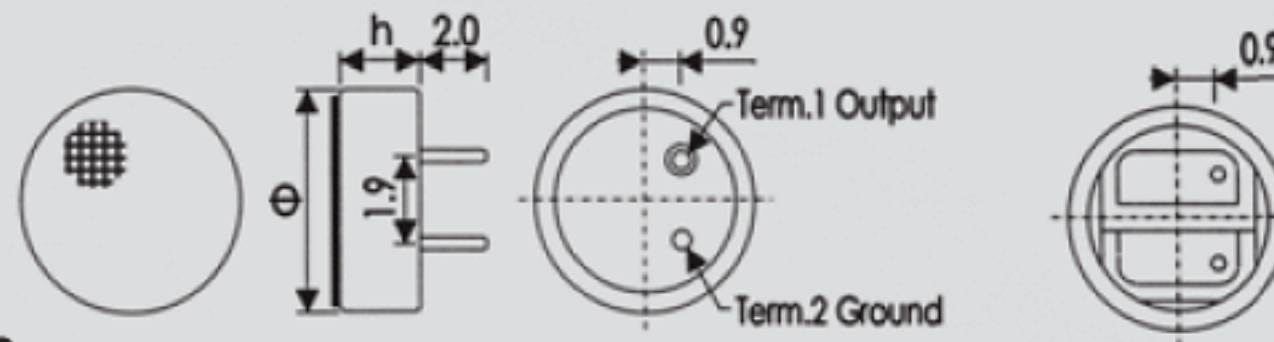
Typical frequency response curve



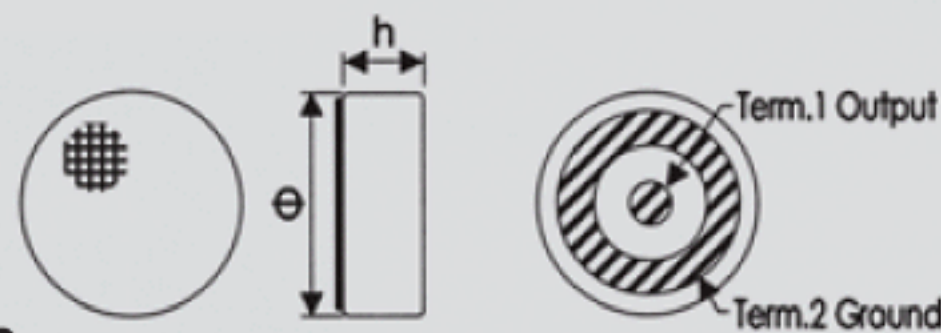
Dimensional drawing

Unit: mm

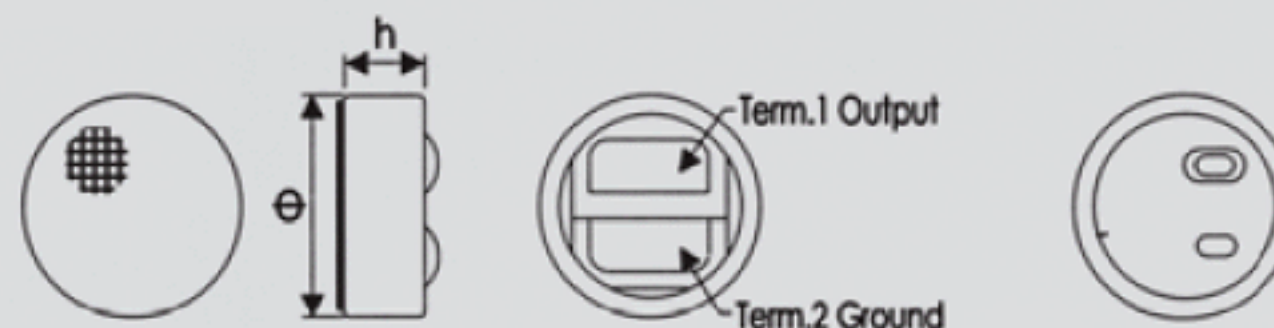
Pin type



Solderless



Lead-wire



- 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 2.2K Ω

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

Shape size

Φ6.0X h2.2
Φ6.0X h1.8

Sensitivity range

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

-40 ± 3dB

-48 ± 3dB

-44 ± 3dB