

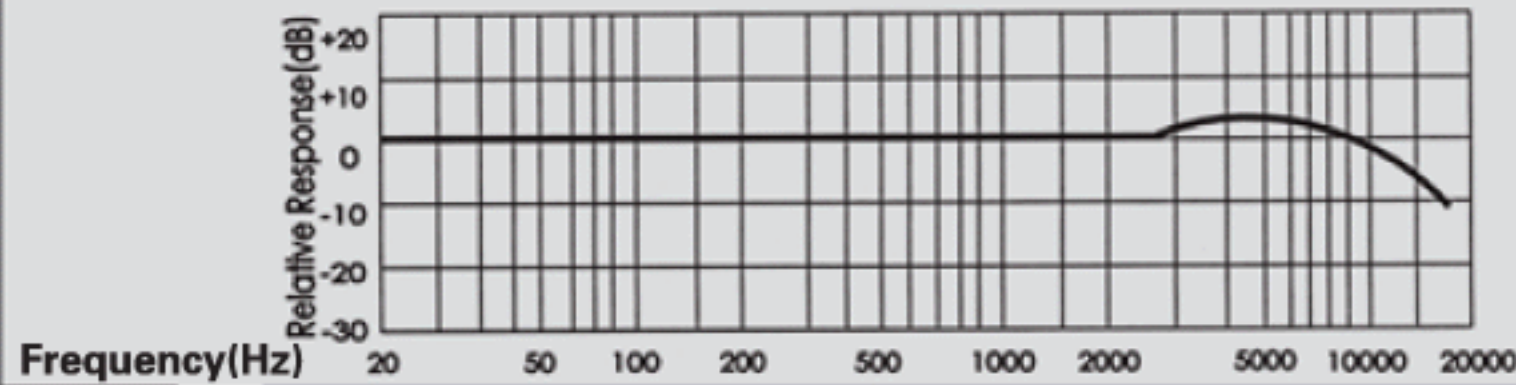
## OF-10070

## Omnidirectional Foil Electret Condenser Microphone

### Appearance



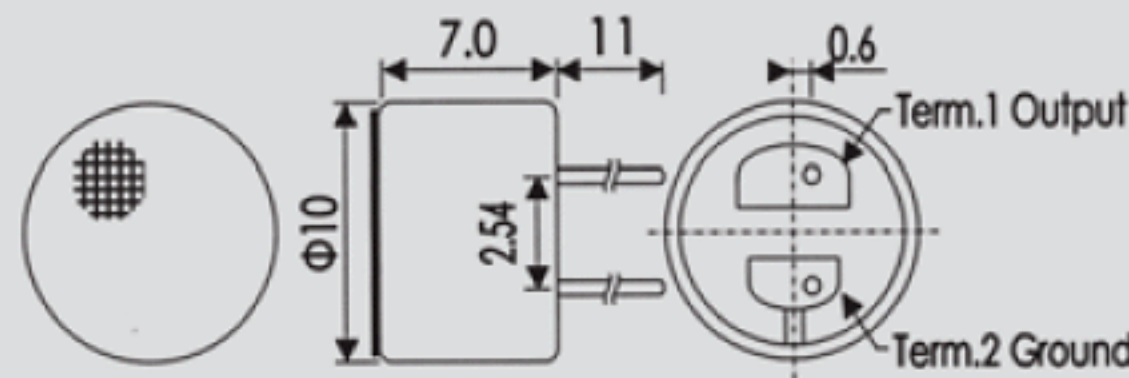
### Typical frequency response curve



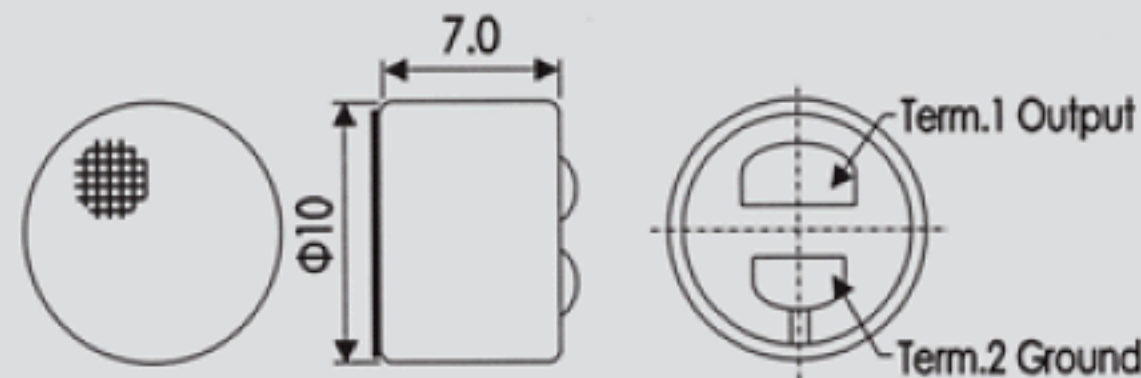
### Dimensional drawing

Unit: mm

#### Pin type



#### Lead-wire



- Useful for almost any type telephone and other applications
- High sensitivity type
- Low operation voltage of 1.0V to 10V

### Specification

#### Sensitivity

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

#### Impedance

Less than 2.2KΩ

#### Directivity

Omnidirectional

#### Frequency

20-16,000Hz

#### Max. operation voltage

10.0V

#### Standard Operation voltage

3.0V

#### Current consumption

Max. 0.5mA

#### Sensitivity reduction

Within -3dB at 1.5V

#### S/N ratio

More than 60dB

### Shape size

Φ10.0X h7.0

### Sensitivity range

$V_s=3.0v$   
 $R_L=2.2K\Omega$

$-34 \pm 3dB$

$-42 \pm 3dB$

$-38 \pm 3dB$

$-46 \pm 3dB$