

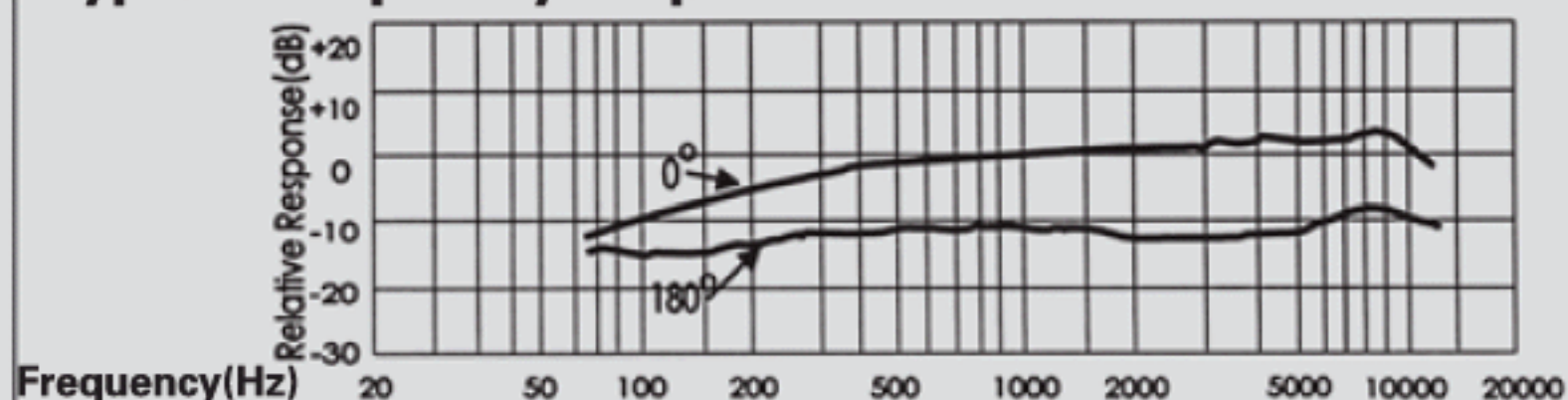
## UF-6050、6036

## Unidirectional Foil Electret Condenser Microphone

### Appearance



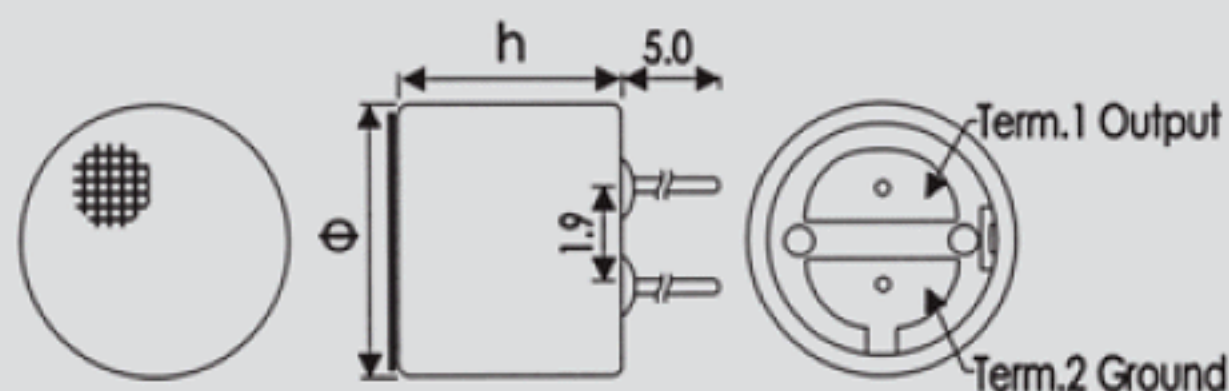
### Typical frequency response curve



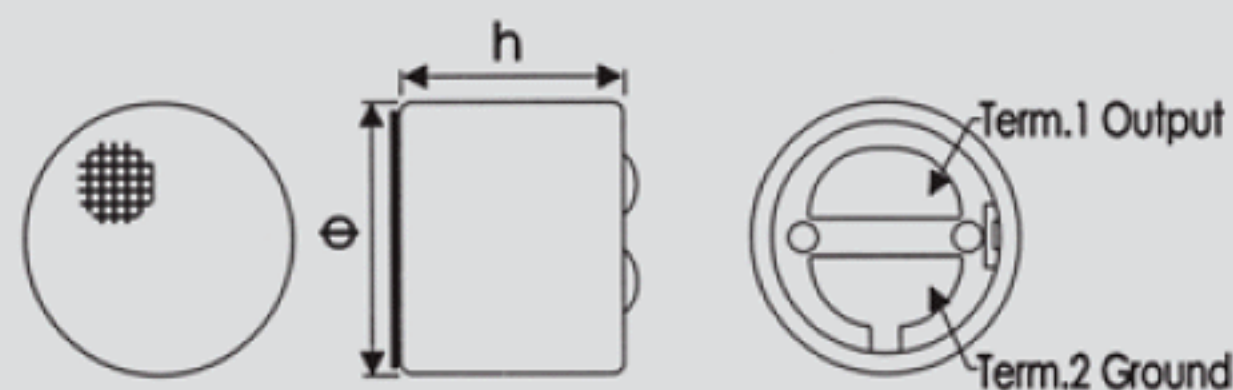
### Dimensional drawing

Unit: mm

### Pin type



### Lead-wire



- Small unidirectional microphone
- Suited to Hi-Fi sound and playback systems

### Specification

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

**Impedance**  
Less than 2.2KΩ

**Directivity**  
Uni-directional

**Frequency**  
100-12,000Hz

**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 55dB

### Shape size

Φ6.0X h5.0  
Φ6.0X h3.6

### Sensitivity range

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

$-46 \pm 3dB$      $-50 \pm 3dB(L=50cm)$   
 $-48 \pm 3dB$      $-52 \pm 3dB$