

**OF-9767, 9752, 9745**

**Omnidirectional Foil Electret Condenser Microphone**

**Appearance**



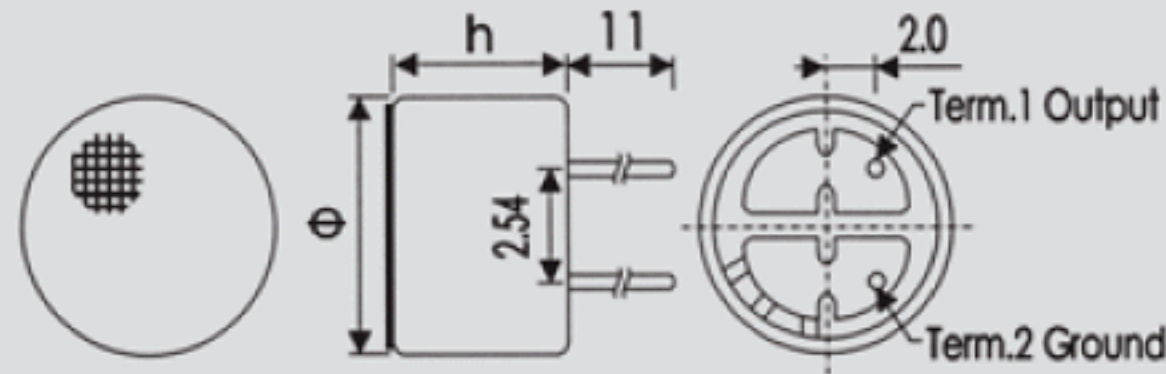
**Typical frequency response curve**



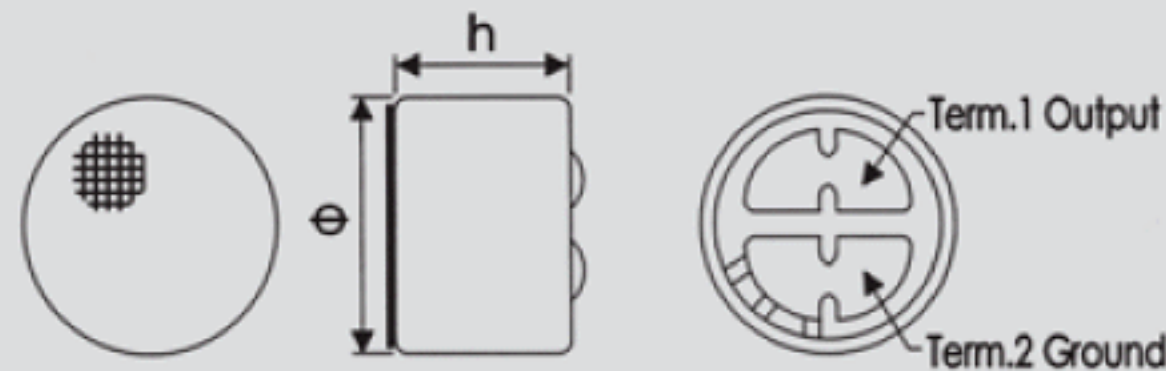
**Dimensional drawing**

**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 2.2K  $\Omega$
- Directivity**  
Omni-directional
- 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**

- Φ9.7X h6.7
- Φ9.7X h5.2
- Φ9.7X h4.5

**Sensitivity range**

<b>V<sub>s</sub>=3.0v</b> <b>R<sub>L</sub>=2.2K <math>\Omega</math></b>	<b>-34 ± 3dB</b>	<b>-42 ± 3dB</b>
	<b>-38 ± 3dB</b>	<b>-46 ± 3dB</b>