

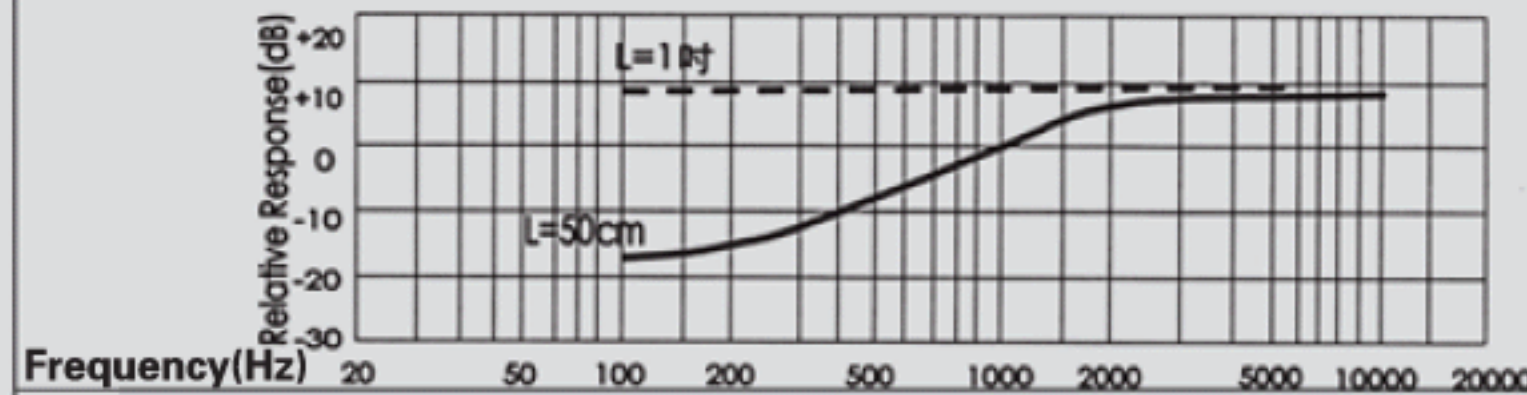
## NF-9752

## Noise Cancelling Foil Electret Condenser Microphone

### Appearance



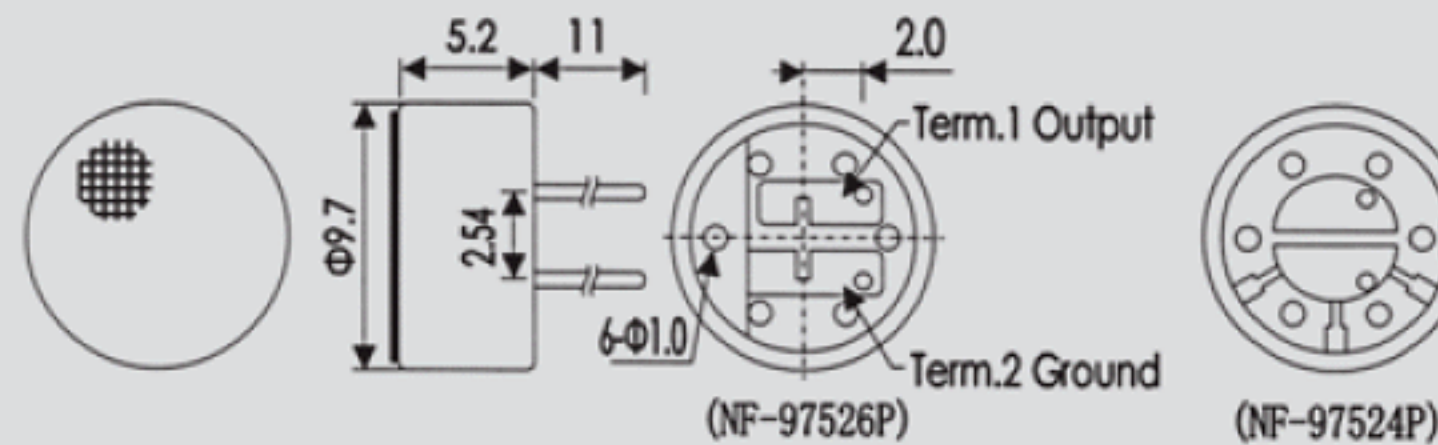
### Typical frequency response curve



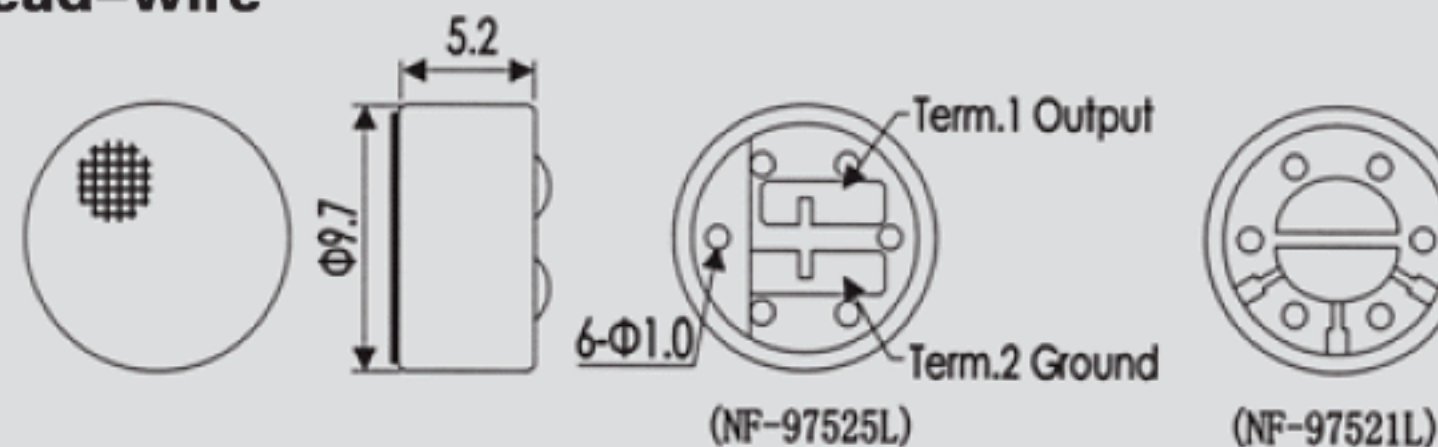
### Dimensional drawing

Unit: mm

#### Pin type



#### Lead-wire



- Small noise-cancelling electret microphone
- Close talk characteristics effectively reduce ambient noise

### Specification

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

**Impedance**  
Less than 680 Ω

**Directivity**  
Noise cancelling

**Frequency**  
100-10,000Hz

**Max. operation voltage**  
10.0V

**Standard Operation voltage**  
1.5V

**Current consumption**  
Max. 0.5mA

**Sensitivity reduction**  
Within -3dB at 1.1V

**S/N ratio**  
More than 55dB

### Shape size

Φ9.7X h5.2

### Sensitivity range

$V_s=1.5v$   
 $R_L=680\ \Omega$

-48 ± 3dB    -52 ± 3dB (L=50cm)  
-50 ± 3dB    -54 ± 3dB