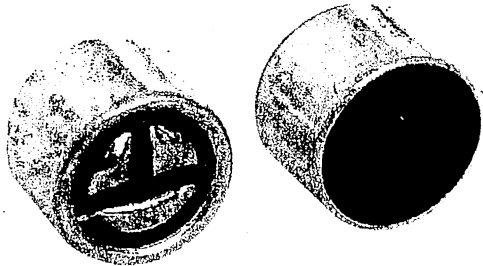


# Omnidirectional Foil Electret Condenser Microphone

## F9465AL-03



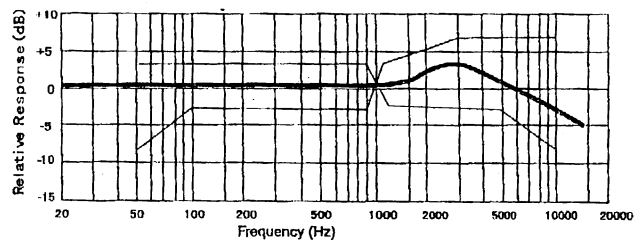
- Small microphone for general use
- High sensitivity type
- To design for high resistance to vibrations

### ■ Sensitivity

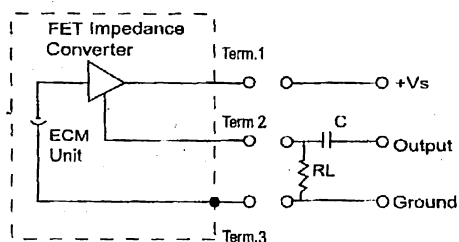
$V_s=4.5V$   
 $RL=2.2K\Omega$

$-65 \pm 3dB$

### ■ Typical Frequency Response Curve



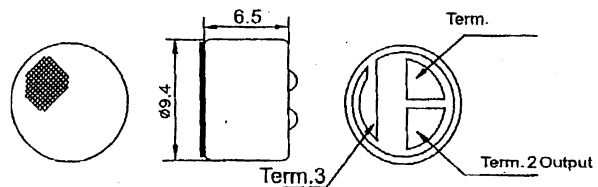
### ■ Schematic Diagram



### ■ Dimensional Drawing

Unit: mm

F9465AL-03



### Specifications

Sensitivity  
Impedance  
Directivity  
Frequency  
Max operation voltage  
Standard operation voltage  
Current Consumption  
Sensitivity Reduction  
Signal to Noise ratio  
Optimal Storage Temperature, Humidity

See above (0dB=1V/Pa, 1KHz)  
Less than 2.2KΩ  
Omni-directional  
20-16000 Hz  
10.0 V  
4.5 V  
Max 0.5mA  
Within -3dB at 1.5V  
More than 58dB  
15°C - 35°C 45% - 75%