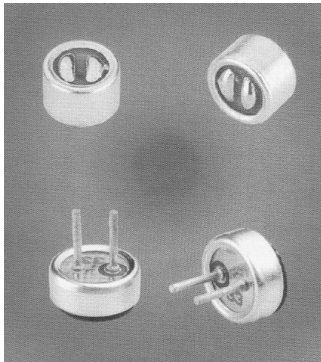




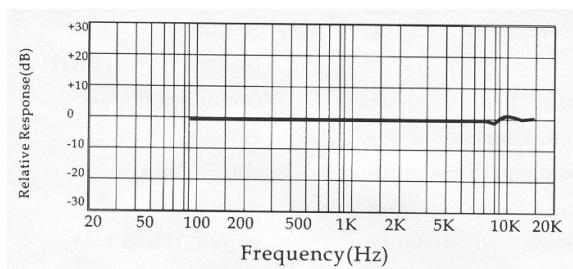
## EM4530 & EM4530P-C

*Omnidirectional Electret Condenser Microphone*

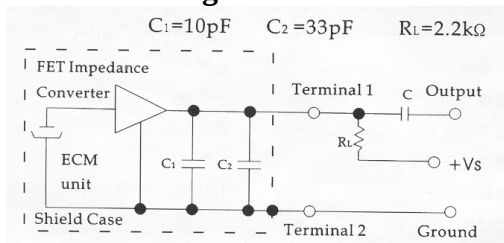


|                            |                                                   |
|----------------------------|---------------------------------------------------|
| Sensitivity                | OdB = 1V/Pa. 1KHz                                 |
| Directivity                | Omnidirectional                                   |
| Impedance                  | Low Impedance                                     |
| Current Consumption        | Max. 0.5mA                                        |
| Standard Operation Voltage | 2.0V                                              |
| Sensitivity Reduction      | Within -3dB at 1.5V                               |
| S/N Ratio                  | More than 60dB                                    |
| <b>Sensitivity Range</b>   | <b>-42 ± 4dB, -44 ± 4dB, -46 ± 4dB, -48 ± 4dB</b> |

### Typical Frequency Response Curve:

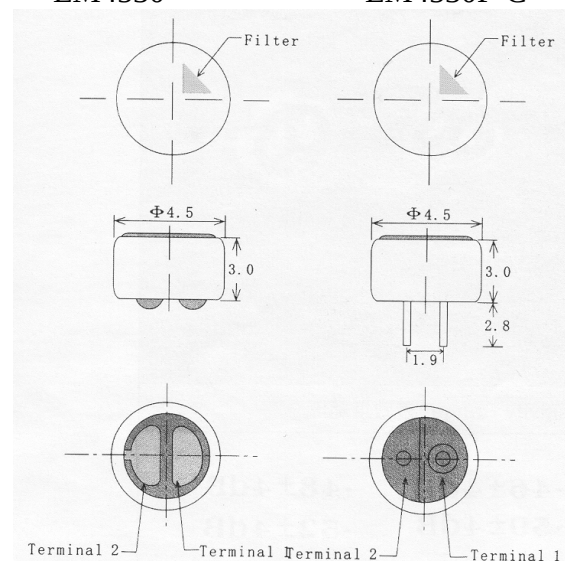


### Schematic Diagram:



EM4530

EM4530P-C



Unit: mm