

# ELECTRET CONDENSER MICROPHONE

## MEO-627-02-Series

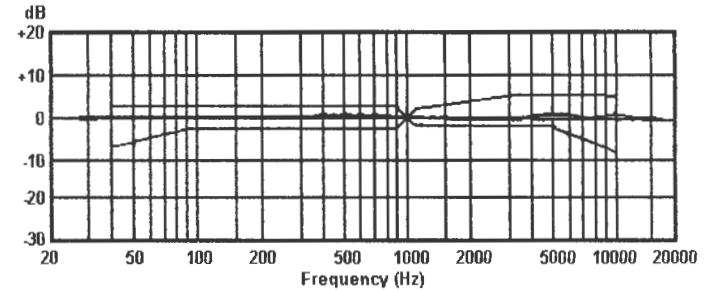
### Omnidirectional

#### SPECIFICATIONS:

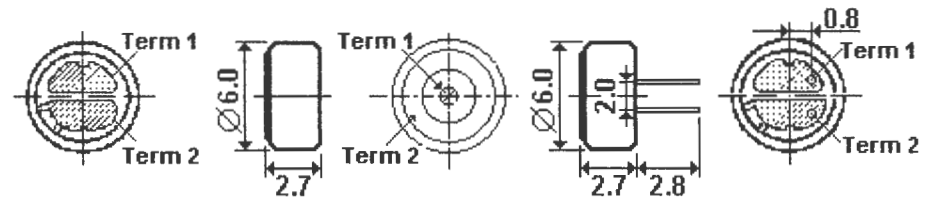
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|--|--|
| TYPE                                   | MEO-627PD-02-Series<br>MEO-627PN-02-Series               |
| FREQUENCY RESPONSE (Hz)                | 20 ~ 16,000 Hz.  |
| DIRECTIVITY                            | Omnidirectional  |
| SENSITIVITY<br>( $O_{dB}=1V/u_{bar}$ ) | - 64 (-643)<br>- 62 (-623)<br>- 60 (-603)<br>- 58 (-583) |
| TOLERANCE                              | $\pm 3dB$  |
| SENSITIVITY REDUCTION                  | Within -3.0dB@1.5V                                       |
| S/N RATIO                              | More than 36 dB  |
| OUTPUT IMPEDANCE                       | Low  |
| MAX. OPER. VOLTAGE(VDC)                | 10 V   |
| OPERATING VOLTAGE (VDC)                | 2 V  |
| CURRENT CONSUMPTION (mA)               | Max 0.5  |
| DIMENSIONS (mm)                        | 6.0 x 2.7  |
| TERMINATION                            | PD = Pad    PN = Pin<br>SM = Solderless Mic              |

\*Also available in Back Electric

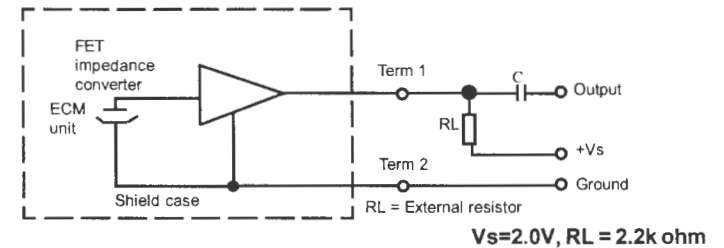
Typical Frequency Response Curve:



Dimensions:



Schematic Diagram:



INTERVOX  
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Title:

**Electret Condenser Microphone**

|             |  |           |
|-------------|--|-----------|
| Code<br>G74 | Intervox Model #<br><b>MEO-627-02-Series</b> | Rev.<br>A |
|-------------|--|-----------|

|              |                  |                 |
|--------------|------------------|-----------------|
| Scale:<br>mm | Date:<br>1/15/02 | Sheet<br>1 of 1 |
|--------------|------------------|-----------------|