

# ELECTRET CONDENSER MICROPHONE

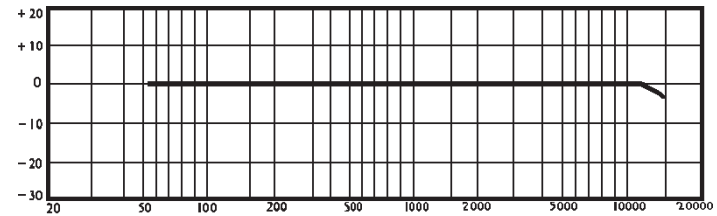
## MEO-94P-01-Series

### Omnidirectional & RoHS Compliant

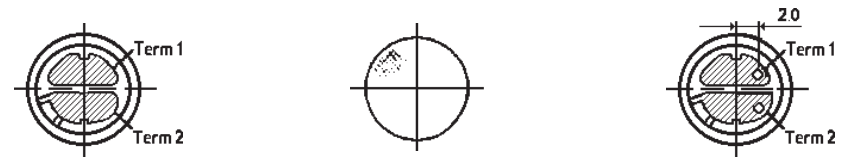
#### SPECIFICATIONS:

TYPE	MEO-94PD-01-Series MEO-94PN-01-Series
FREQUENCY RESPONSE (Hz)	20 ~ 16,000 Hz.
DIRECTIVITY	Omnidirectional
SENSITIVITY ( $O_dB=1V/u\ bar$ )	- 64 (-643) - 62 (-623) - 60 (-603)
TOLERANCE	$\pm 3dB$
SENSITIVITY REDUCTION	Within -3.0dB@1.1V
S/N RATIO	More than 40 dB
OUTPUT IMPEDANCE	Low
MAX. OPER. VOLTAGE(VDC)	10 V
OPERATING VOLTAGE (VDC)	1.5 V
CURRENT CONSUMPTION (mA)	Max 0.3
DIMENSIONS (mm)	9.7 x 4.5
TERMINATION	PD = Pad    PN = Pin

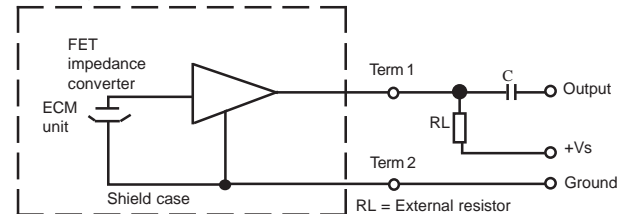
Typical Frequency Response Curve:



Dimensions:



Schematic Diagram:



$V_s=3.0V$ ,  $R_L = 2.2k\ ohm$

INTERVOX  
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Title:

**Electret Condenser Microphone**

Intervox Model #

**MEO-94P-01-Series**

Rev.

Scale:

Date: 06/01/2007

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