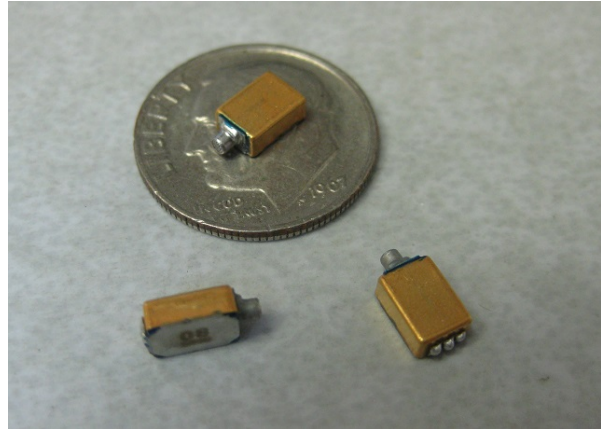


## Features

- Sub-miniature size
- Low current drain
- Very low inherent noise
- Ported “end-fire” spout



Model 351-04 microphone  
(cabled assemblies made upon request)

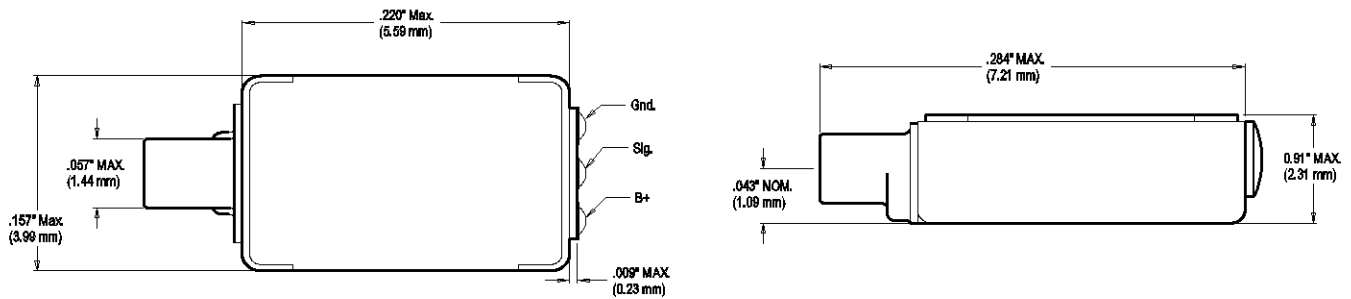
## Performance Specifications

<b>Sensitivity</b>	- Nominal - Minimum - Maximum	-32 -35 -29	dB re 1 V/Pa @ 1kHz
<b>A-Weighted Noise</b>	- Maximum	25	dBA (sound equivalent)
<b>Supply Voltage</b>	- Nominal - Minimum - Maximum	1.2 0.9 5.0	Volts Volts (w/1dB change max.) Volts
<b>Supply current</b>	- Nominal - Maximum	18 50	μA
<b>Output Impedance</b>	- Nominal - Minimum - Maximum	3400 2200 5300	Ohms
<b>DC Output level</b>	- Nominal - Minimum - Maximum	0.5 0.3 0.8	Volts (@ 1.2V supply)
<b>Vibration Sensitivity</b>	- Maximum	66	dB SPL/g
<b>Power Supply Feed Through</b>	- Maximum	-10	dB
<b>Resistance, Case to Ground</b>	- Maximum	10	Ohms

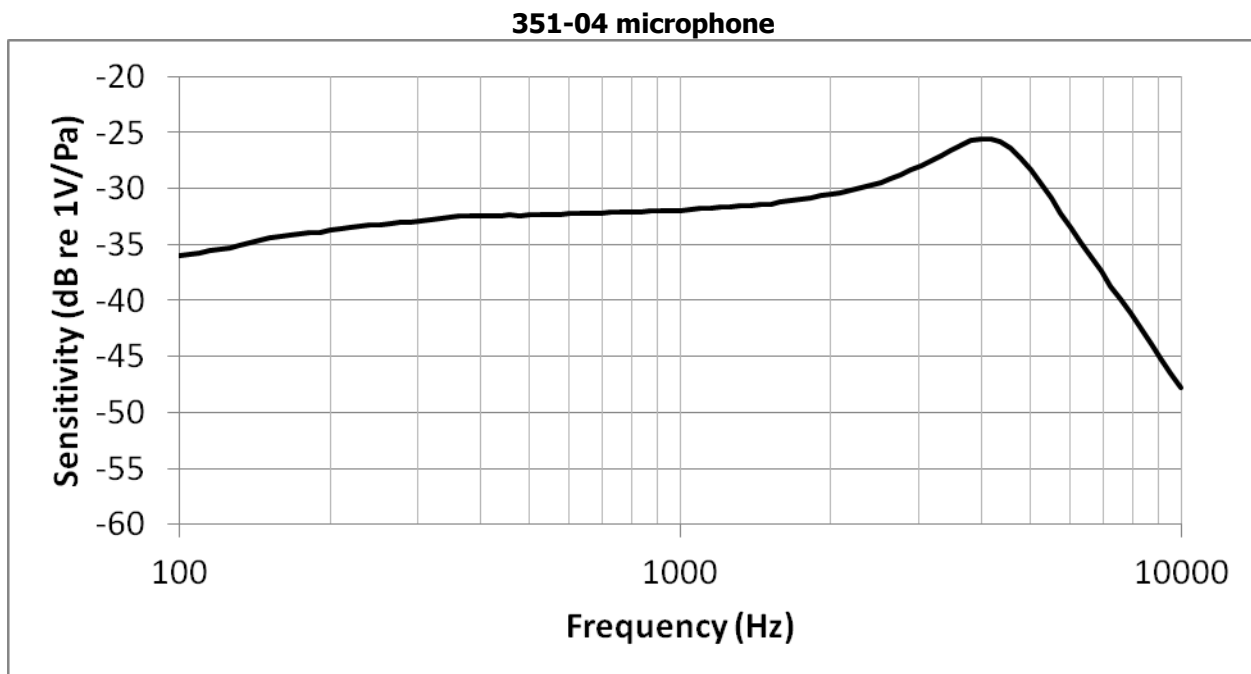
(1.2 Volt supply at 50% Relative Humidity and 23° Celsius except where specified otherwise)

Note: Sierra Peaks Tibbetts 351-04 microphones have two internal 20 pF capacitors, one between B+ and Signal, the other between Signal and Ground, designed to reduce EMI interference.

## Physical Dimensions



## Frequency Response



## Sensitivity and Unit Conformance

Frequency	Sensitivity dB re 1 V/Pa (10 $\mu$ bar)		
	Min	Nom	Max
100	-	-34.0	-
1000	-35.0	-32.0	-29.0
~4000	-	-28.0	-
25000	-	-	-

Device Conformity (Range of Deviation from 1 kHz)		
-5.0	-1.0	dB
--	--	dB
+0.0	+8.0	dB
--	-15.0	dB