

			151 Series	251 Series	351 Series		
Parameter <sup>(1)</sup>	Units	Specifier	151-01	251-01	251-10	351-03	351-04
Sensitivity @1kHz	dB	re: 1v/microbar	-56.0	-57.0	-57.0	-52.0	-52.0
A-Weighted Noise ( re: 1 V dB)	SPL	-Maximum -Nominal	31.0 27.0	31.0 27.0	31.0 27.0	25.0 21.0	24.0 21.0
Case Geometry and Dimensions <sup>(2)</sup>	Inch (mm)	Shape Inches (mm)	Cylindrical 0.100Ø x .130 (2.54Ø x 3.3)	Cylindrical .140Ø x .090 (3.6Ø x 2.3 )	Cylindrical .140Ø x .090 (3.6Ø x 2.3 )	Rectangular .220x.157x.091 (5.6x4.0x2.3)	Rectangular .220x.157x.091 (5.6x4.0x2.3)
Supply Current	Micro-Amps	-Maximum -Nominal	25 14	35 -	35 -	50 18	50 18
Supply Voltage	Volts DC	-Maximum -Minimum <sup>(3)</sup>	5.0 0.90	10.0 0.90	10.0 0.90	5.0 0.90	5.0 0.90
Output Impedance	Ohms	-Maximum -Minimum	6800 2800	5400 3400	5400 3400	5300 2200	5300 2200
DC Output Level	Volts DC	-Maximum -Minimum	0.80 0.30	0.70 0.20	0.70 0.20	0.80 0.30	0.80 0.30
B+ Feed Through	dB	-Maximum	-8.0	-	-	-10	-10
R.H. Sensitivity <sup>(4)</sup>	dB/%RH	@ 1 kHz	0.03	0.03	0.03	0.03	0.03
R <sub>DC</sub> Case/Ground	Ohms	-Maximum	10.0	10.0	10.0	10	10
Acoustic Port Information	Geometry Style	Inches (mm)	Axial/Centered Flush	Axial/Centered Flush	End/Centered .055 (1.4) Ø	Face/Centered .055 (1.4) Ø	End/Centered .055 (1.4) Ø

**Notes:**

- (1) This data reflects device specifications and performance under the stated standard operating conditions for each model. These conditions may vary from one model to another. See particular model specifications for detailed information.
- (2) Overall size does not include solder termination pads or solder buildup. See particular unit specifications for detailed information.
- (3) Maximum of 1 dB sensitivity change at minimum supply voltage.
- (4) Assumes no presence of condensed or liquid moisture on internal components.

In order to improve its products and services, Tibbetts Industries reserves the right to change specifications or materials without written or prior notice.