

4. ACOUSTIC AND ELECTRICAL SPECIFICATIONS

	Symbol	Condition	Limits			Unit
			Min.	Nom.	Max.	
Directivity		Omni-directional				
Frequency Range	f		10k		65k	Hz
Sensitivity	S	@ 1kHz (0dB=1V/Pa)	-51	-47	-43	dB
Output impedance	ZOUT	@ 1kHz (0dB=1V/Pa)	n/a	n/a	300	Ω
Current Consumption	IDSS	across 1.5 to 3.6 volts	0.100	n/a	0.250	mA
Signal to Noise Ratio	S/N	@ 1kHz (0dB=1V/Pa)	55	59	n/a	dB
Supply Voltage	Vs		1.5	n/a	3.6	V
Typical Input Referred Noise	ENL	A-weighted	n/a	35	n/a	dBA SPL
Sensitivity Loss across Voltage		Change in sensitivity over 3.6v to 1.5v	No Change Across Voltage Range			dB
Maximum Input Sound Level		At 100dB SPL, THD < 1% At 115dB SPL, THD = < 10%				dB

5. FREQUENCY RESPONSE CURVE

