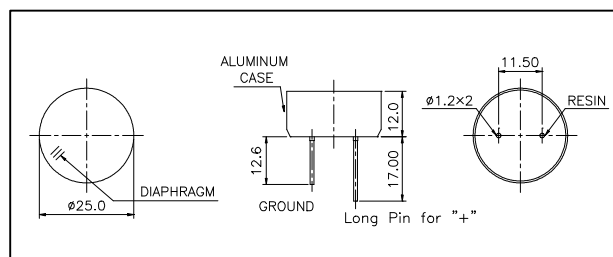




Dimensions: dimensions are in mm



Specification

250ET250	Transmitter
250ER250	Receiver
Center Frequency	25.0 ± 1.0Khz
Bandwidth (-6dB)	250ET250 1.0Khz
	250ER250 1.0Khz
Transmitting Sound Pressure Level	113dB min.
at 25.0Khz; 0dB re 0.0002μbar per 10Vrms at 30cm	
Receiving Sensitivity	-63dB min.
at 25.0Khz 0dB = 1 volt/μbar	
Capacitance at 1Khz	± 20% 2400 pF
Max. Driving Voltage (cont.)	15Vrms
Total Beam Angle	-6dB 40° typical
Operation Temperature	-30 to 80°C
Storage Temperature	-40 to 85°C

All specification taken typical at 25°C
Closer frequency tolerance can be supplied upon request.

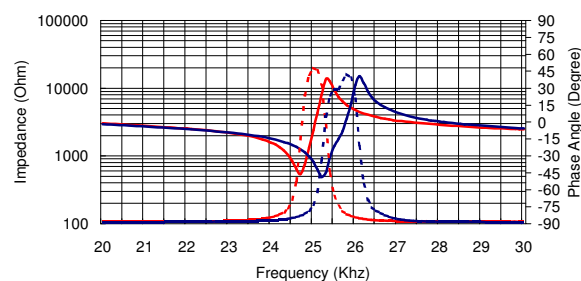
Model available:

1	250ET/R250	Aluminum Housing
2	250ET/R25B	Black Al. Housing

Impedance/Phase Angle vs. Frequency

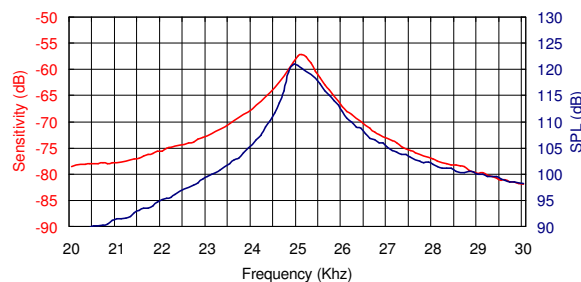
Tested under 1Vrms Oscillation Level

250ER250 Impedance
250ER250 Phase
250ET250 Impedance
250ET250 Phase

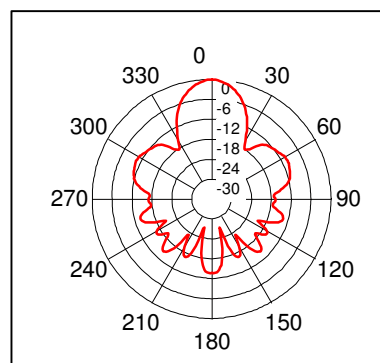


Sensitivity/Sound Pressure Level

Tested under 10Vrms @ 30cm



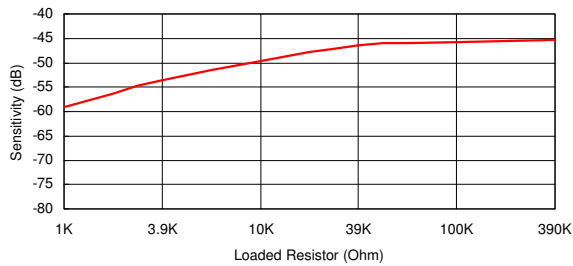
Beam Angle: Tested at 25.0Khz frequency



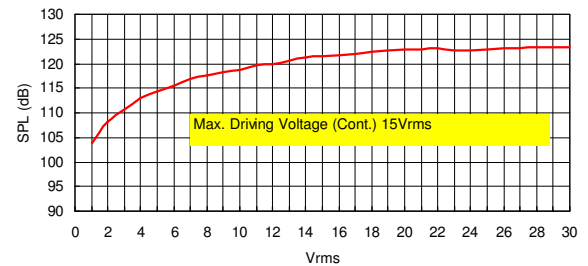
250ER250 Receiver

250ET250 Transmitter

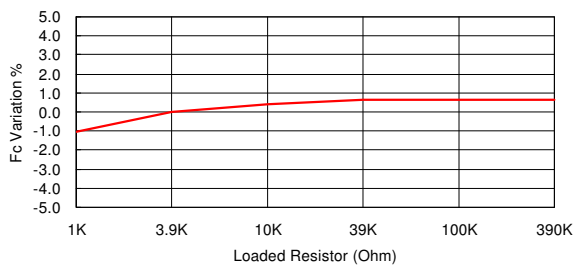
Sensitivity Variation vs. Loaded Resistor



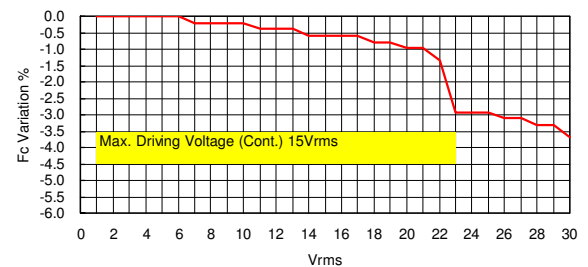
SPL Variation vs. Driving Voltage



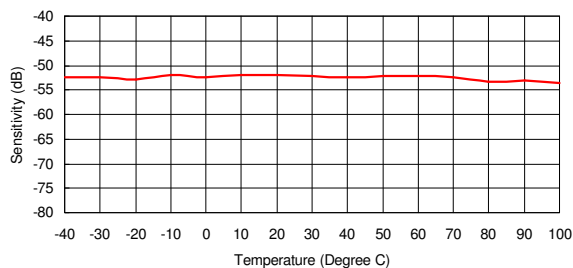
Center Frequency Shift vs. Loaded Resistor



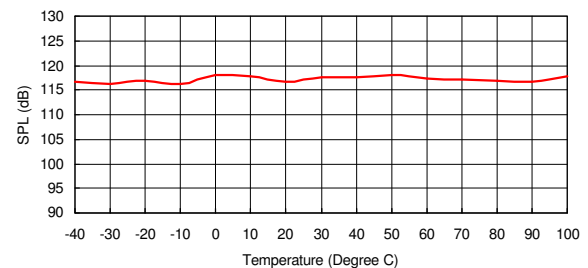
Center Frequency Shift vs. Driving Voltage



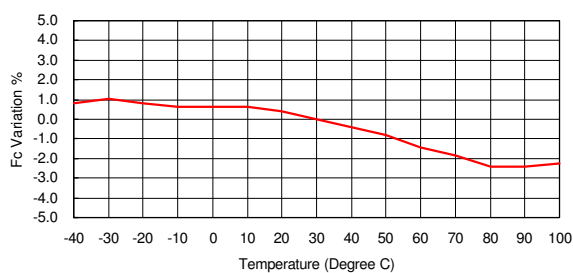
Sensitivity Variation vs. Temperature



SPL Variation vs. Temperature



Center Frequency Shift vs. Temperature



Center Frequency Shift vs. Temperature

