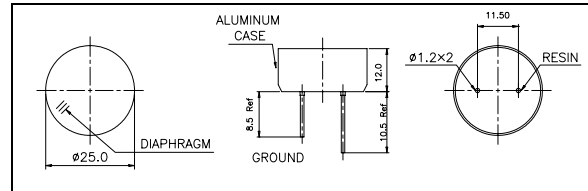


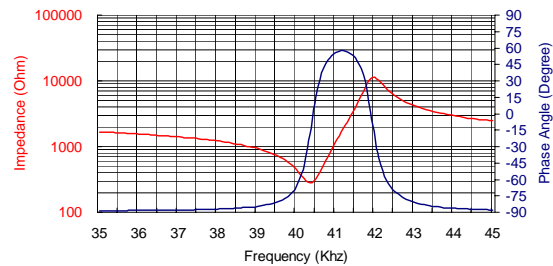


Dimensions: dimensions are in mm



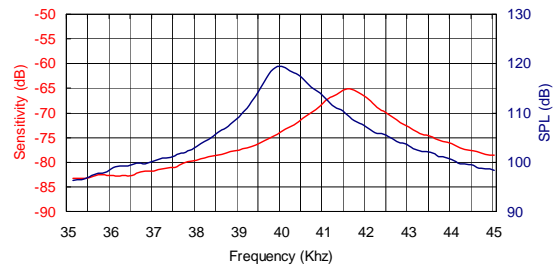
Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level

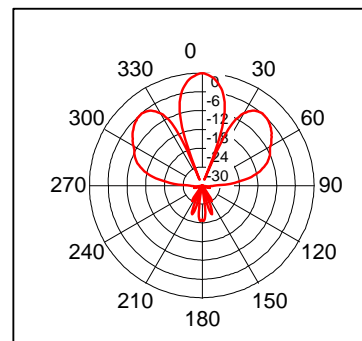


Sensitivity/Sound Pressure Level

Tested under 10Vrms @30cm



Beam Angle: Tested at 40.0Khz frequency



Specification

400EP250	Transceiver
Center Frequency	40.0±1.0Khz
Bandwidth (-6dB)	400EP250 2.0Khz(FOM)
Transmitting Sound Pressure Level	113dB min.
at resonant frequency; 0dB re 0.0002μbar per 10Vrms at 30cm	
Receiving Sensitivity	-72dB min.
at resonant frequency 0dB = 1 volt/μbar	
Nominal Impedance (Ohm)	300
Ringing (ms)	1.2 max.
Capacitance at 1Khz	±20% 2400 pF
Temperature Compensated Type	4800 pF
Max. Driving Voltage (cont.)	20Vrms
Total Beam Angle	-6dB 30° typical
Operation Temperature	-30 to 80°C
Storage Temperature	-40 to 85°C

All specification taken typical at 25°C
 Closer frequency tolerance, shorter ringing,
 wider bandwidth and temperature compensated
 models can be supplied upon request.

Model available:

1	400EP250	Aluminum Housing
2	400EP25B	Black Al. Housing