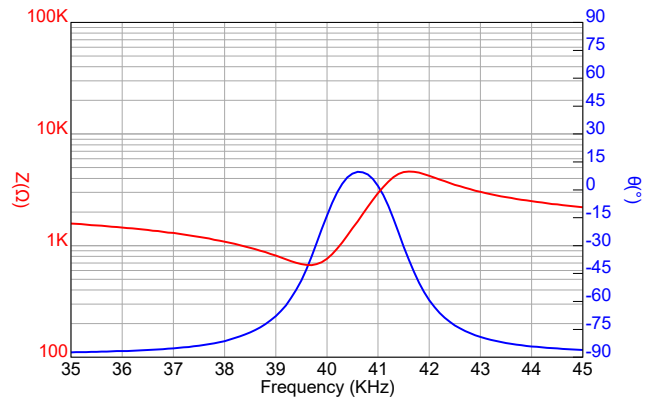




Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level



Specification

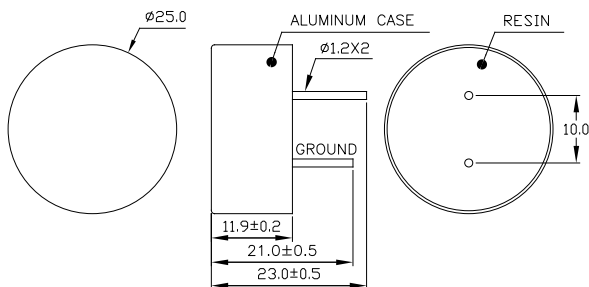
400EP250	Transceiver
Center Frequency	40.0±1.0KHz
Bandwidth (-6dB)	2.0KHz(FOM)
Transmitting Sound Pressure Level at resonant frequency; 0dB re 0.0002μbar per 10Vrms at 30cm	110dB min.
Receiving Sensitivity at resonant frequency 0dB = 1 volt/μbar	-72dB min.
Capacitance at 1KHz ±20%	2700 pF
Max. Driving Voltage at 20 bursts, 25 ms repetition rate	100 Vp-p
Total Beam Angle(-6dB)	30° typical
Operation Temperature	-30 to 70°C
Storage Temperature	-40 to 80°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:

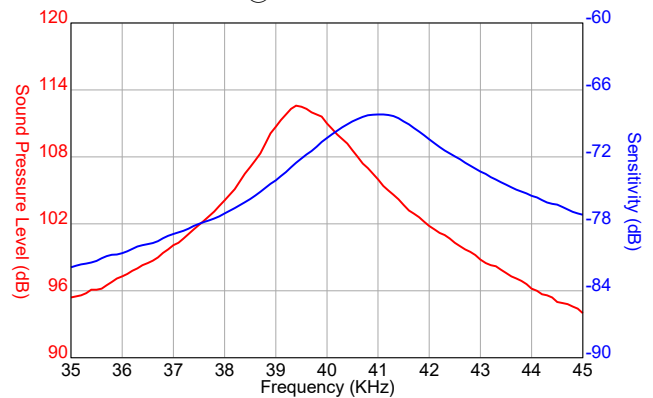
1	400EP250	Aluminum Housing
2	400EP25B	Black Al. Housing

Dimensions: dimensions are in mm

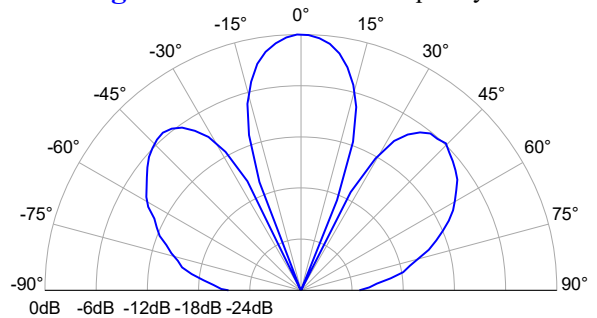


Sensitivity/Sound Pressure Level

Tested under 10Vrms @30cm



Beam Angle: Tested at 40.0KHz Frequency



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