



Specification

400PT120	Transceiver
Center Frequency	40.0±1.0KHz
Bandwidth (-6dB)	400PT120 2.0KHz
Transmitting Sound Pressure Level at resonant frequency ; 0dB re 0.0002μbar per 10Vrms at 30cm	115dB min.
Receiving Sensitivity at resonant frequency ; 0dB = 1 volt/μbar	-68dB min.
Nominal Impedance (Ω)	1000
Ring (ms)	1.2 max.
Capacitance at 1KHz ±20%	2400 pF
Max. Driving Voltage (cont.)	20Vrms
Total Beam Angle	400PT120 85° typical
	400PT12P 120° typical
Operation Temperature	-30 to 70°C
Storage Temperature	-40 to 80°C

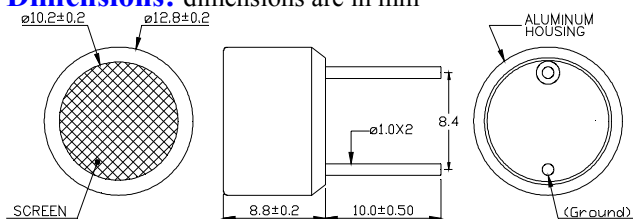
All specification taken typical at 25°C

Closer frequency tolerance, shorter ringing and wider bandwidth models can be supplied upon request.

Model available:

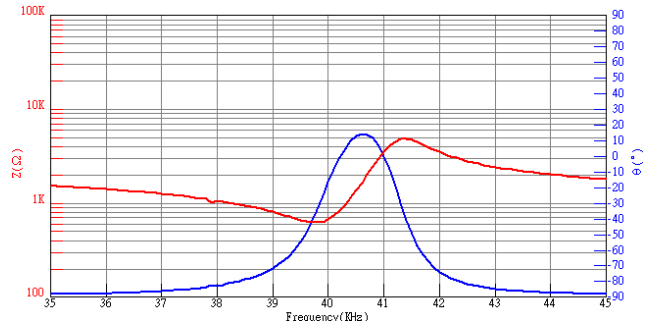
1	400PT120	Aluminum Housing
2	400PT12B	Black Al. Housing
3	400PT12P	Plastic Housing

Dimensions: dimensions are in mm



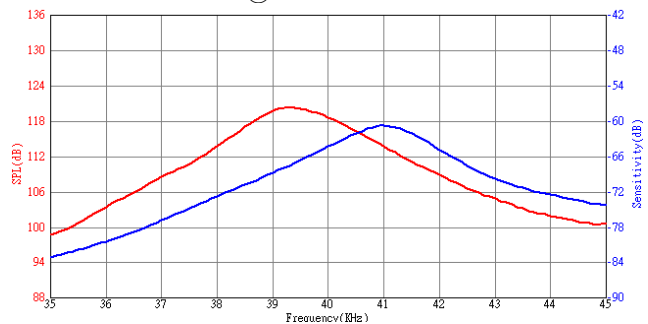
Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level



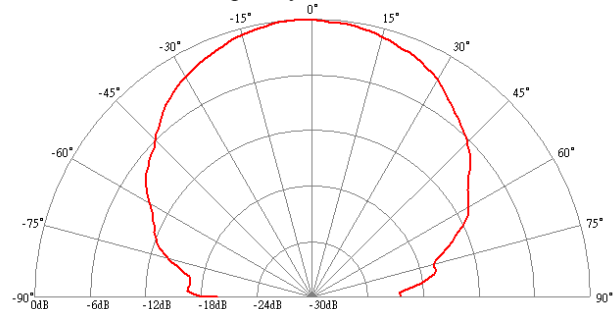
Sensitivity/Sound Pressure Level

Tested under 10Vrms @30cm



Beam Angle

Tested at 40.0KHz frequency



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