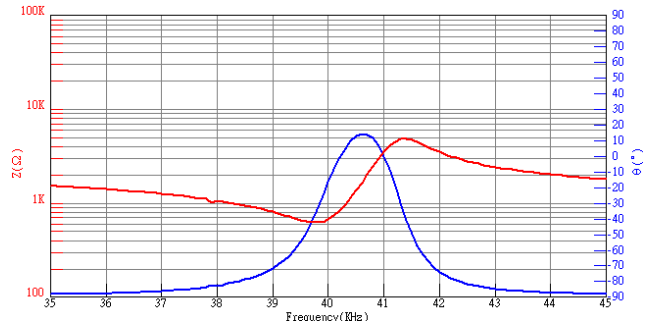




**Impedance/Phase Angle vs. Frequency**

Tested under 1Vrms Oscillation Level

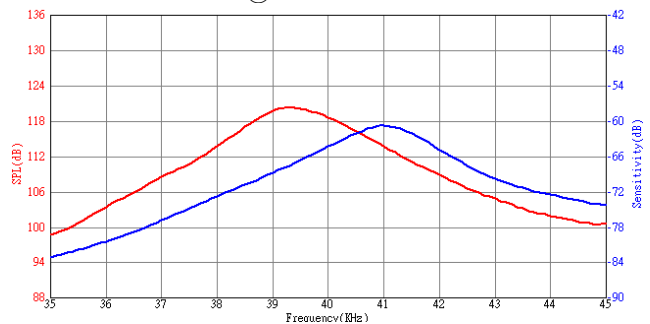


**Specification**

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

**Sensitivity/Sound Pressure Level**

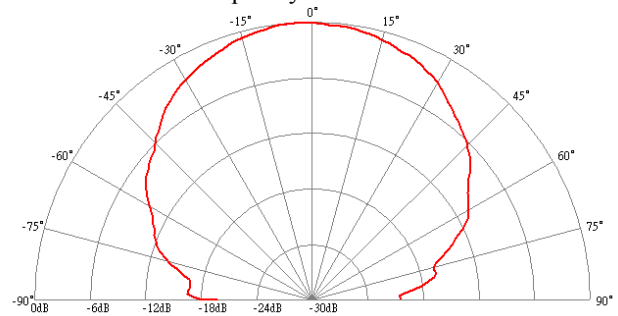
Tested under 10Vrms @30cm



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

**Beam Angle**

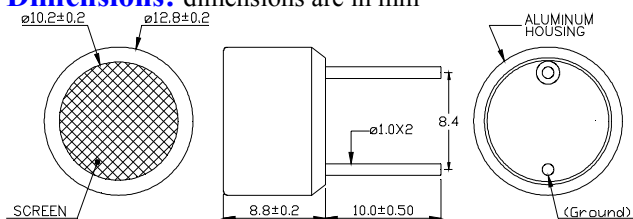
Tested at 40.0KHz frequency



Model available:

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

**Dimensions:** dimensions are in mm



**S. Square Enterprise Company Limited**  
**Pro-Wave Electronics Corporation**

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