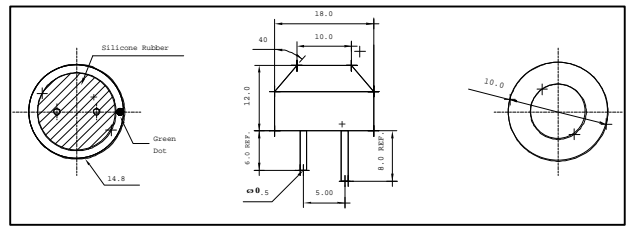




**Dimensions:** dimensions are in mm



**Specification**

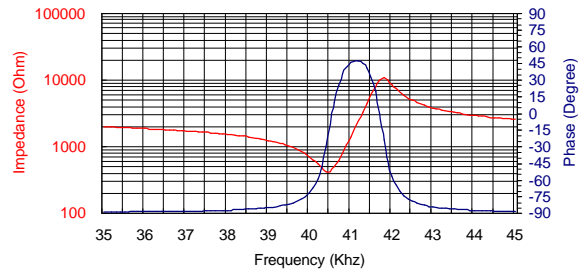
<b>400EP18A</b>	Transceiver
<b>Center Frequency</b>	40.0±1.0Khz
<b>Bandwidth (-6dB) 400EP18A</b>	1.5Khz
<b>Transmitting Sound Pressure Level</b> at resonant frequency; 0dB re 0.0002µbar per 10Vrms at 30cm	108dB min.
<b>Receiving Sensitivity</b> at resonant frequency 0dB = 1 volt/µbar	-75dB min.
<b>Nominal Impedance (Ohm)</b>	500
<b>Ringing (ms)</b>	1.2 max.
<b>Capacitance at 1Khz ±20%</b>	1900 pF
<b>Max. Driving Voltage (cont.)</b>	20Vrms
<b>Total Beam Angle -6dB</b>	85°
<b>Operation Temperature</b>	-20 to 70°C
<b>Storage Temperature</b>	-40 to 80°C

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

1	400EP18A	Black Al. Housing
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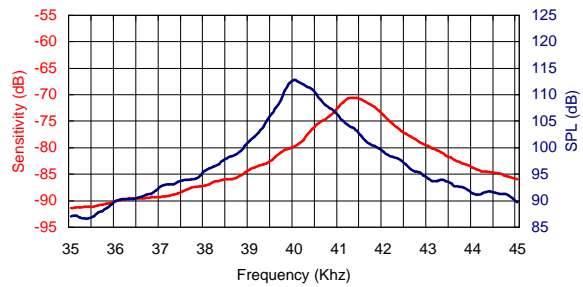
**Impedance/Phase Angle vs. Frequency**

Tested under 1Vrms Oscillation Level



**Sensitivity/Sound Pressure Level**

Tested under 10Vrms @30cm



**Beam Angle:** Tested at 40.0Khz frequency

