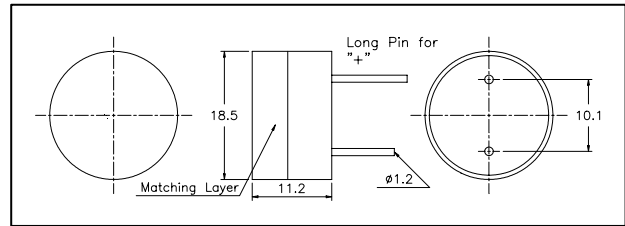


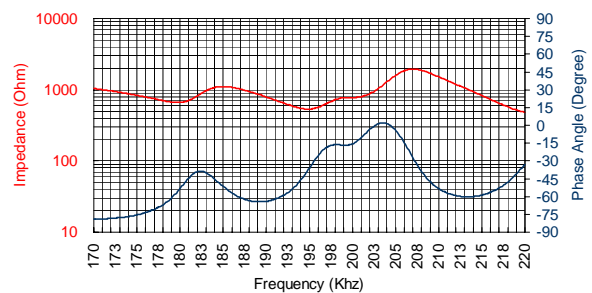


**Dimensions:** dimensions are in mm



**Impedance/Phase Angle vs. Frequency**

Tested under 1Vrms Oscillation Level

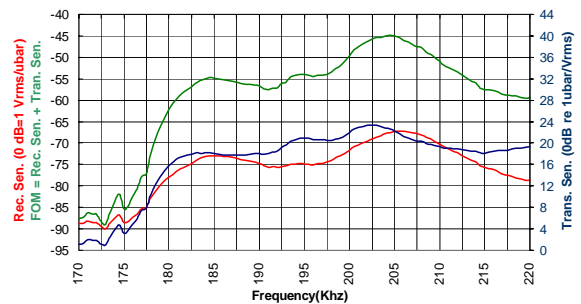


**Specification**

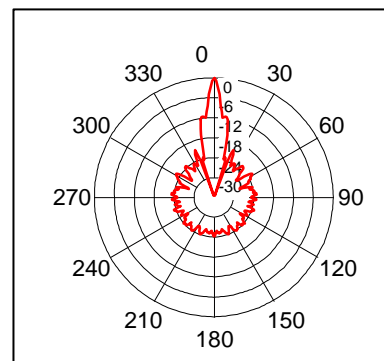
<b>200GE180</b>	Transceiver
<b>Center Frequency</b>	200.0±10Khz
<b>Transmitting Sensitivity</b> 0dB re 1μbar/1Vrms @ 30cm	20 dB
<b>Receiving Sensitivity</b> 0dB = 1Vrms/μbar	-75 dB
<b>Figure of Merit (TS + RS)</b>	-52 dB
<b>Bandwidth (FOM)</b>	10KHz
<b>Nominal Impedance (Ohm)</b>	700
<b>Capacitance at 1KHz</b> ±20%	580 pF
<b>Max. Driving Voltage (Pulse)</b>	50Vpp 10% duty cycle
<b>Total Beam Angle</b> -6dB	10° typical
<b>Matching Window</b>	Resin with filler
<b>Operation Temperature</b>	-20 to 60°C
<b>Storage Temperature</b>	-30 to 70°C

**Receiving/Transmitting Sensitivity & Figure of Merit (RS + TS)**

Tested at distance of 30cm



**Beam Angle:** Tested at 200.0Khz frequency



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

Model available:

1	200GE180	Aluminum Housing
---	----------	------------------