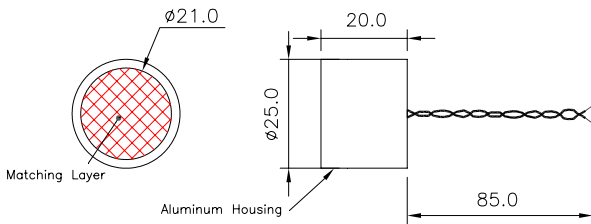




**Dimensions:** dimensions are in mm



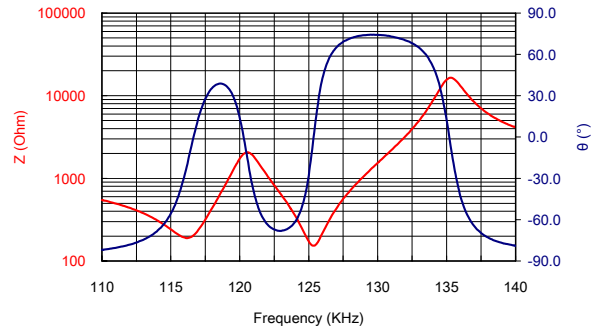
**Specification**

<b>125SR250</b>	Transceiver
<b>Center Frequency (KHz)</b>	125.0±10.0
<b>Echo Sensitivity</b> 0dB = 20Vp-p @ 25 cm	-58 dB min.
<b>Dead Zone</b>	20 cm
<b>Bandwidth (Echo Sensitivity)</b>	10KHz
<b>Nominal Impedance (Ohm)</b>	1200
<b>Capacitance at 1Khz</b> ±20%	1250 pF
<b>Max. Driving Voltage (Pulse)</b>	100Vpp 10% duty cycle
<b>Total Beam Angle</b> -3dB	10.0° typical
-6dB	14.5° typical
<b>Matching Window</b>	Silicone Rubber
<b>Operation Temperature</b>	0 to 70°C
<b>Storage Temperature</b>	-20 to 80°C

All specification taken typical at 25°C  
Low ringing model can be arranged

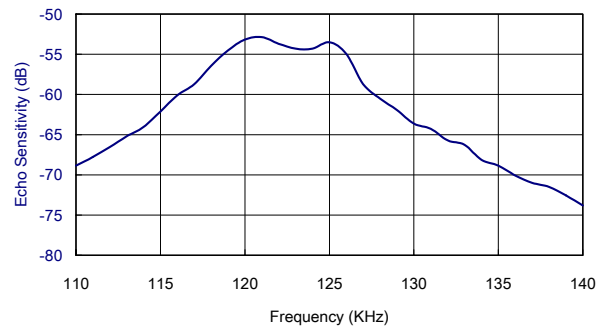
**Impedance/Phase Angle vs. Frequency**

Tested under 1Vrms Oscillation Level



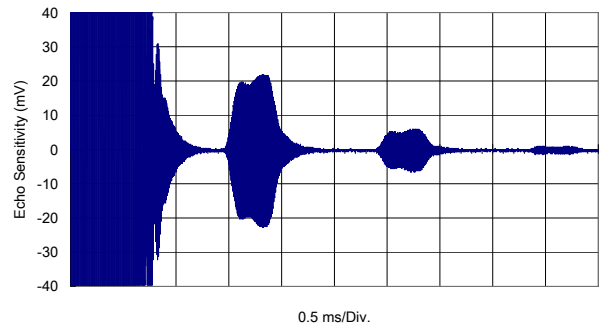
**Echo Sensitivity vs. Frequency**

Tested at distance of 25cm, 20Vp-p, 50 bursts



**Echo Sensitivity/Ringing**

Tested under 20Vp-p, 50 bursts, 25cm



**Beam Angle:** Tested at 125.0Khz frequency

