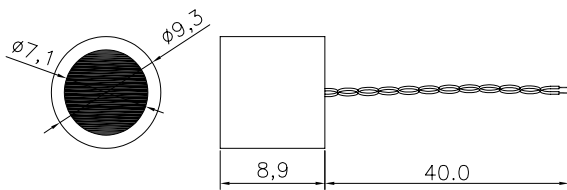




**Dimensions:** dimensions are in mm



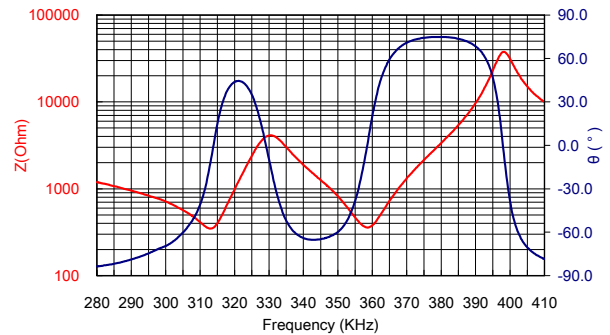
**Specification**

<b>320SR093</b>	Transceiver
<b>Center Frequency (KHz)</b>	320.0±10.0
<b>Echo Sensitivity</b> 0dB = 20Vp-p, 50 Bursts @ 10 cm	-65 dB min.
<b>Dead Zone</b>	8 cm
<b>Bandwidth (Echo Sensitivity)</b>	10KHz
<b>Nominal Impedance (Ohm)</b>	1200
<b>Capacitance at 1Khz</b> ±20%	270 pF
<b>Max. Driving Voltage (Pulse)</b>	50Vpp 10% duty cycle
<b>Total Beam Angle</b> -3dB	9.5° typical
-6dB	12.5° 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

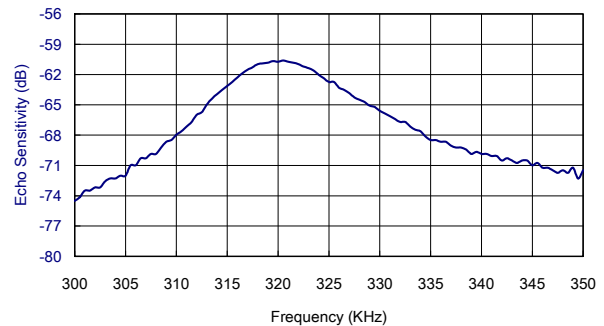
**Impedance/Phase Angle vs. Frequency**

Tested under 1Vrms Oscillation Level



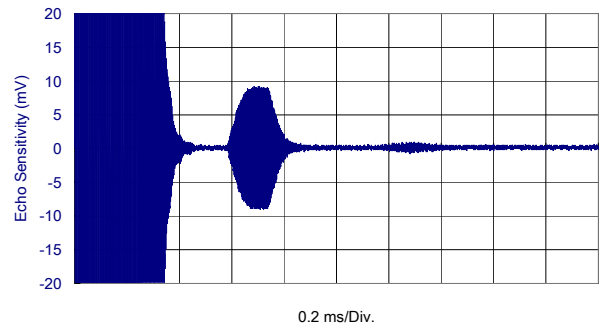
**Echo Sensitivity vs. Frequency**

Tested at distance of 10cm, 20Vp-p, 50 bursts



**Echo Sensitivity/Ringing**

Tested under 20Vp-p, 50 bursts, 10cm



**Beam Angle:** Tested at 314.0 KHz frequency

