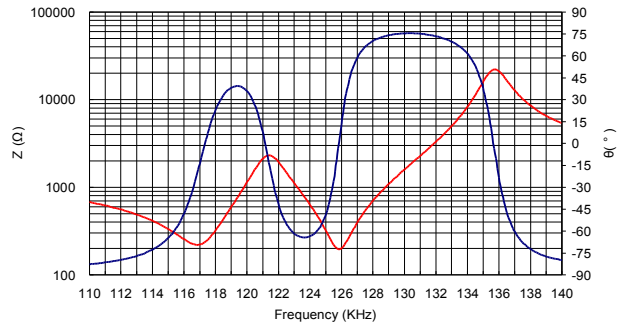


Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level

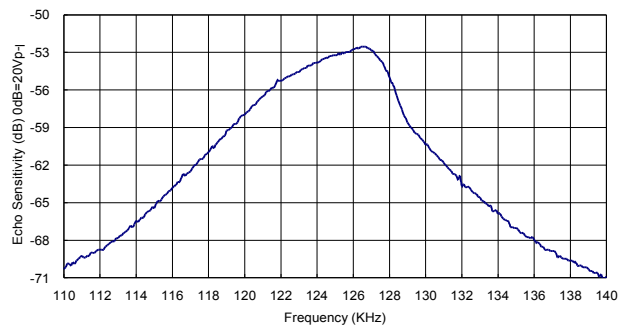


Specification

125SR250	Transceiver
Center Frequency (KHz)	125.0±10.0
Echo Sensitivity 0dB = 20Vp-p @ 25 cm	-55 dB min. (40 bursts)
Dead Zone	35 cm
Bandwidth (Echo Sensitivity)	8 KHz
Nominal Impedance (Ohm)	2000
Capacitance at 1KHz ±20%	1050 pF
Max. Driving Voltage (Pulse)	200Vpp 2% duty cycle tone burst
Total Beam Angle	-3dB 8.0° typical -6dB 11.0° typical
Matching Window	Silicone Rubber
Operation Temperature	-20 to 70° C
Storage Temperature	-30 to 80° C

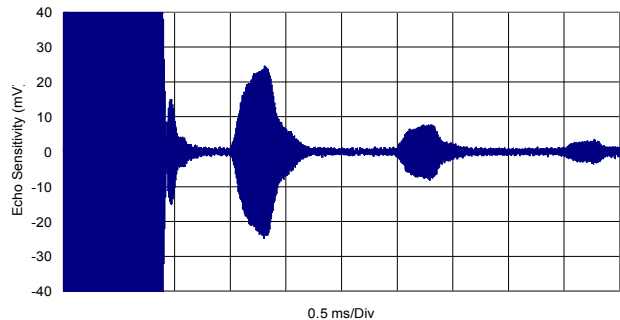
Echo Sensitivity vs. Frequency

Tested at distance of 25cm, 20Vp-p, 40 bursts



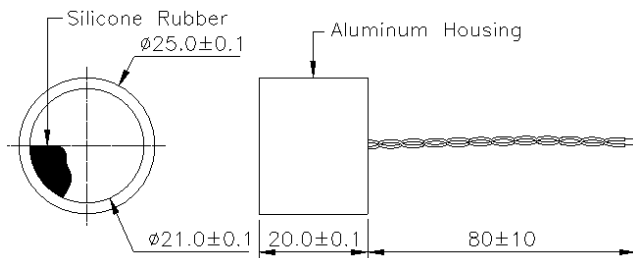
Echo Sensitivity/Ringing

Tested under 20Vp-p, 40 bursts, 25cm

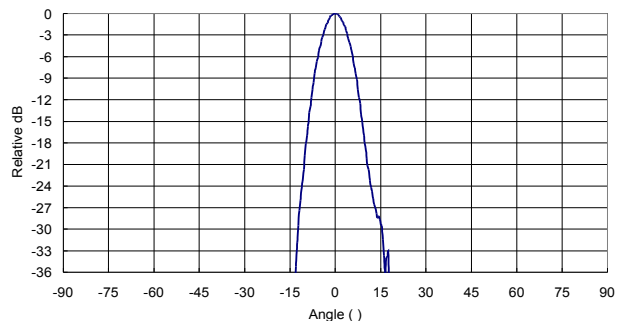


All specification taken typical at 25°C
Low ringing model can be arranged

Dimensions: dimensions are in mm



Beam Angle: Tested at 125.0KHz frequency



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