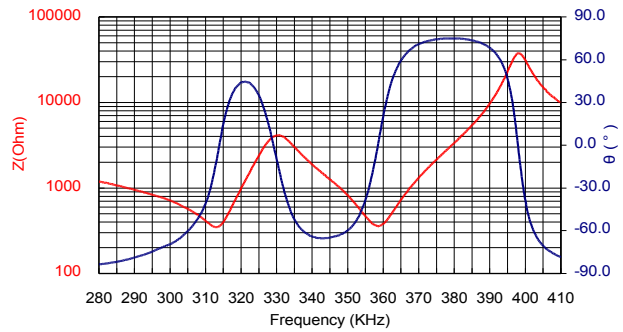


Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level

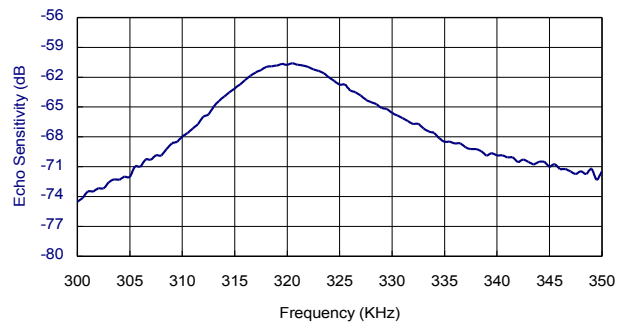


Specification

320SR093	Transceiver
Center Frequency (KHz)	320.0±10.0
Echo Sensitivity 0dB = 20Vp-p, 50 Bursts @ 10 cm	-65 dB min.
Dead Zone	8 cm
Bandwidth (Echo Sensitivity)	10KHz
Nominal Impedance (Ohm)	1200
Capacitance at 1Khz ±20%	270 pF
Max. Driving Voltage (Pulse)	50Vpp 10% duty cycle
Total Beam Angle	-3dB 9.5° typical -6dB 12.5° typical
Matching Window	Silicone Rubber
Operation Temperature	0 to 70°C
Storage Temperature	-20 to 80°C

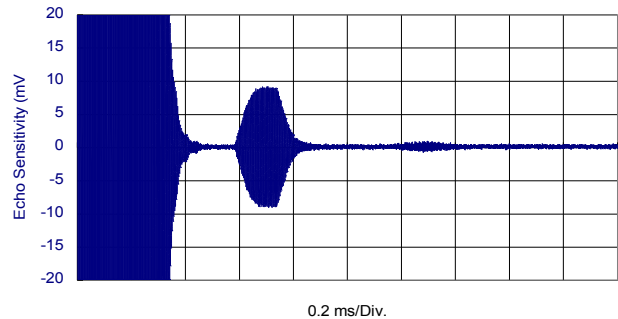
Echo Sensitivity vs. Frequency

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



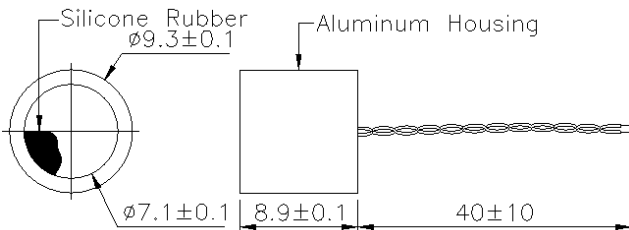
Echo Sensitivity/Ringing

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

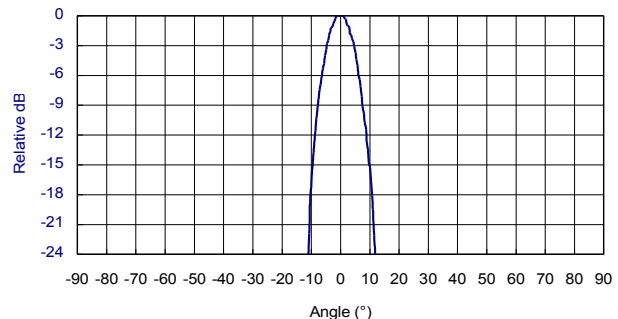


All specification taken typical at 25°C
Low ringing model can be arranged

Dimensions: dimensions are in mm



Beam Angle: Tested at 314.0 KHz frequency



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