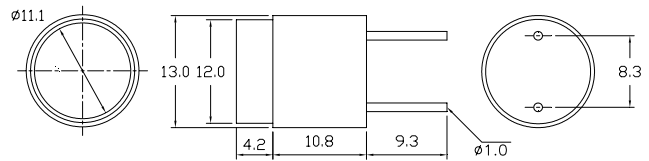


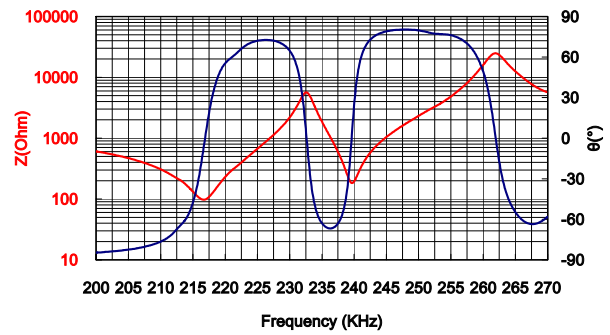


Dimensions: dimensions are in mm



Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level

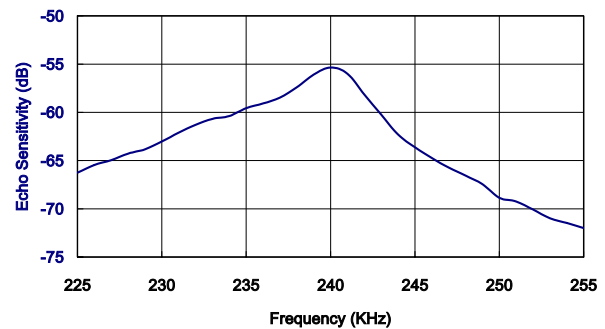


Specification

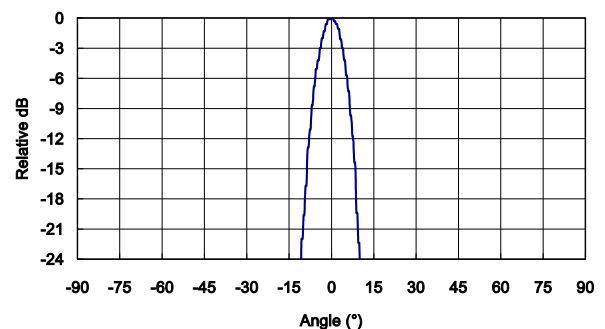
235SR130	Transceiver
Center Frequency (KHz)	235.0±10.0
Echo Sensitivity 0dB = 20Vp-p @ 25 cm	-61 dB min.
Dead Zone	15 cm
Bandwidth (Echo Sensitivity)	10KHz
Nominal Impedance (Ohm)	1200
Capacitance at 1Khz ±20%	1120 pF
Max. Driving Voltage (Pulse)	80Vpp 10% duty cycle
Total Beam Angle	-3dB 7.5° typical -6dB 10.5° typical
Matching Window	Silicone Rubber
Operation Temperature	-20 to 70°C
Storage Temperature	-30 to 80°C

Echo Sensitivity

Tested under 20Vp-p @25cm; 0dB=20Vp-p



Beam Angle: Tested at 235.0Khz 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	235SR130	Aluminum Housing
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