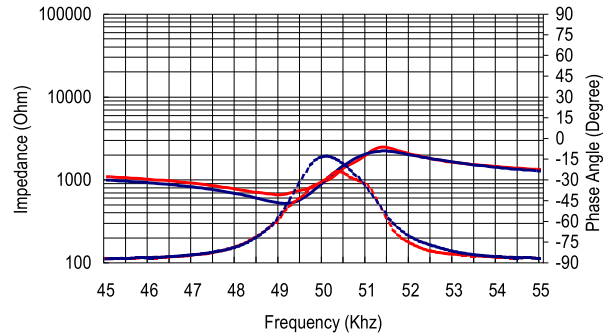




Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level

Receiver Impedance —————
 Receiver Phase - - - - -
 Transmitter Impedance —————
 Transmitter Phase - - - - -



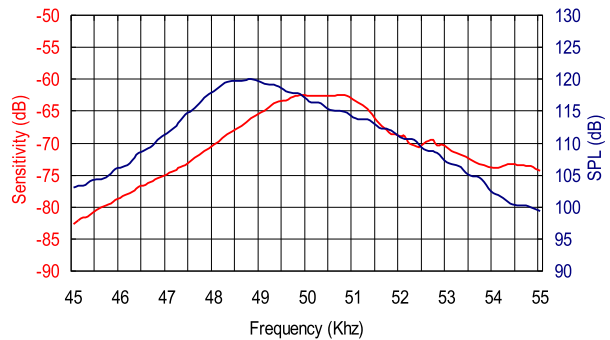
Specification

500MB120	Dual Transducer
Center Frequency	50.0±1.0KHz
Bandwidth (-6dB)	3KHz
Transmitting Sound Pressure Level at 50.0KHz; 0dB re 0.0002µbar per 10Vrms at 30cm	113dB min.
Receiving Sensitivity at 50.0KHz 0dB = 1 volt/µbar	-67dB min.
Sensitivity/Cross Talk Ratio	15 dB
Nominal Impedance (Trans.)	800 Ohm
Capacitance at 1KHz ±20%	2400 pF
Max. Driving Voltage (cont.)	20Vrms
Total Beam Angle	-6dB 30° typical
Operation Temperature	-30 to 70°C
Storage Temperature	-40 to 80°C

All specification taken typical at 25°C
 Closer frequency tolerance can be supplied upon request.

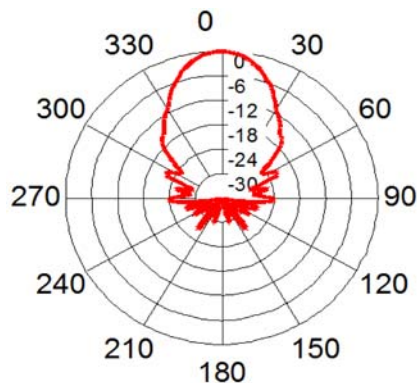
Sensitivity/Sound Pressure Level

Tested under 10Vrms @30cm

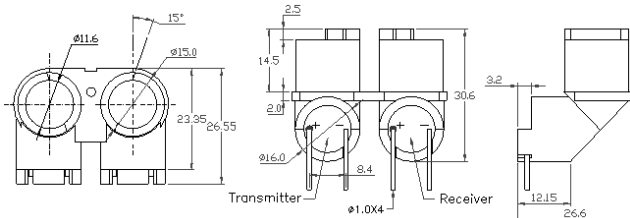


Beam Angle

Tested at 50.0KHz frequency



Dimensions: dimensions are in mm



S. Square Enterprise Company Limited
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