

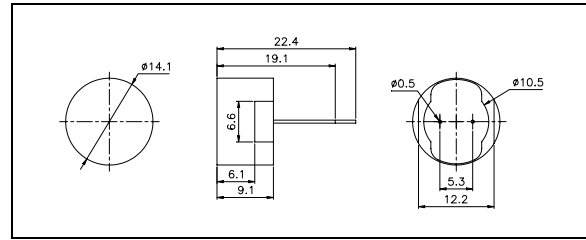
Asymmetric Beam Patterns
Specification

400EP14D	Transceiver
Center Frequency	40.0±1.0Khz
Bandwidth (-6dB)	2.0Khz
Transmitting Sound Pressure Level at resonant frequency; 0dB re 0.0002μbar per 10Vrms at 30cm	103dB min. (Transducer alone)
Receiving Sensitivity at resonant frequency 0dB = 1 volt/μbar	-78dB min. (Transducer alone)
Nominal Impedance (Ohm)	1000
Ringing (ms)	1.2 max.
Capacitance at 1KHz ±20%	1600 pF
Temperature Compensated Type	3200 pF
Max. Driving Voltage (cont.) 20 bursts, 25ms repetition rate	20Vrms 100Vpp
Total Beam Angle Wide	125° typ.
-6dB Narrow	65° typ.
Operation Temperature	-40 to 80°C
Storage Temperature	-40 to 85°C

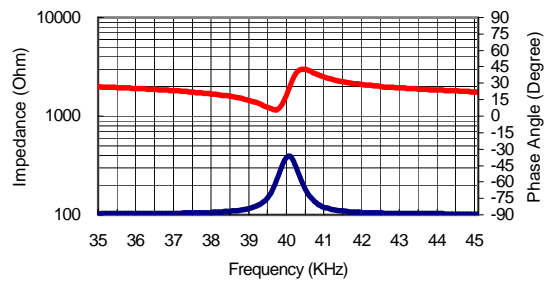
All specification taken typical at 25°C
Both lead pins and lead wires output are available
Models available:

1	400EP14D	Black Painted Housing
2	400EP14DC	Temperature compensated (TC)
3	400EP14DCR	T.C. + Rubber Sleeve

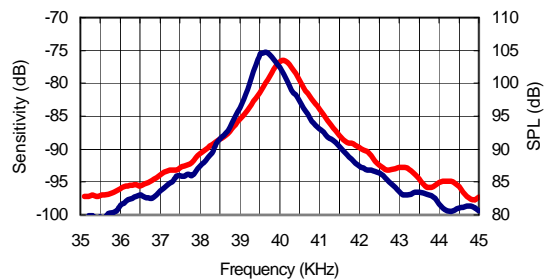
Dimensions: dimensions are in mm



Impedance/Phase Angle vs. Frequency
Tested under 1Vrms Oscillation Level



Sensitivity/Sound Pressure Level
Tested under 10Vrms @30cm



Beam Angle: Tested at 40.0Khz frequency
Wide Angle _____ **Narrow Angle** _____

