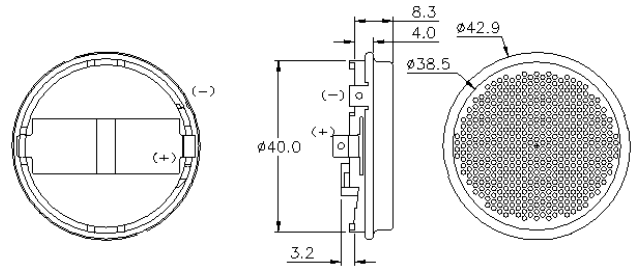


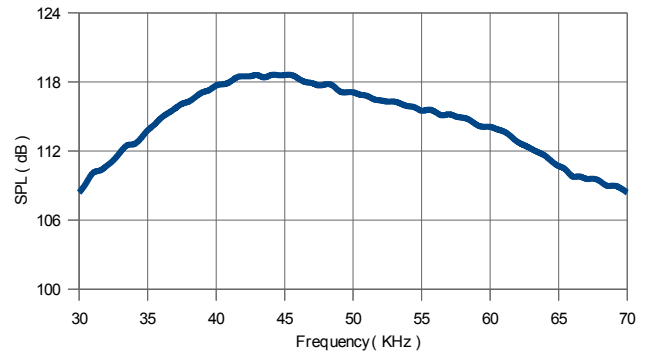


Dimensions: dimensions are in mm



Transmitting Sound Pressure Level

Tested under 300Vac pk-pk, 200Vdc bias @50 cm



Specification

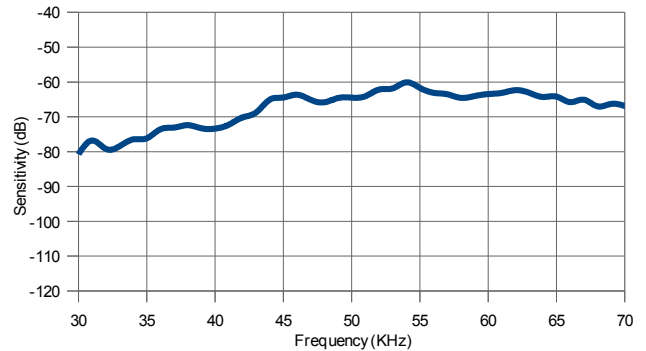
500ES430	Transceiver
Center Frequency	50.0±1.0KHz
Transmitting Sound Pressure Level at 50.0KHz; 0dB re 20µPa per 300Vac pk-pk, 200Vdc bias at 50 cm	116 dB min.
Receiving Sensitivity at 50.0KHz, 200Vdc bias, 0dB = 1 volt/Pa (0dB =1 volt/µbar)	-43 dB min. (-63 dB) min.
Capacitance at 1KHz ±20%	400 - 500 pF
Suggested DC Bias Voltage	200 V
Suggested AC Driving Voltage	300V pk-pk
Maximum Combined Voltage	400V
Total Beam Angle	-6dB 13° typical
Operation Temperature	0 to 60°C
Standard Finish	
Foil (Diaphragm)	See below
Housing	See below

All specification taken typical at 25°C

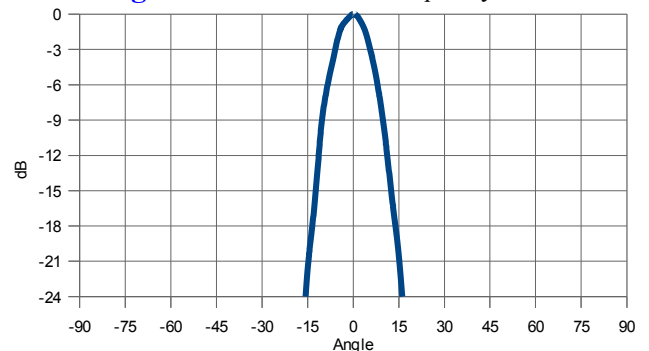
Models available

Model	Foil	Housing
500ES43AB	Aluminum	Black Painted Steel
500ES43AS	Aluminum	SUS 304
500ES43GB	Gold	Black Painted Steel
500ES43GS	Gold	SUS 304

Receiving Sensitivity: Tested under 200Vdc bias



Beam Angle: Tested at 50.0Khz frequency



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Pro-Wave Electronics Corporation

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[M1J-T-0.3M-N](#) [E2FMX1R5D12M](#) [E2K-F10MC1](#) [5M](#) [EH-302](#) [EI3010TBOP](#) [EI5515NPAP](#) [MS605AU](#) [EP175-32000](#) [IFRM04N35B1/L](#)
[IFRM04P1513/S35L](#) [IFRM06P1703/S35L](#) [IFRM08P1501/S35L](#) [IFRM12N17G3/L](#) [IFRM12P17G3/L](#) [IFRM12P3502/L](#) [IFRM12P37G1/S14L](#)
[ILFK12E9189/I02](#) [ILFK12E9193/I02](#) [IMM2582C](#) [OISN-013](#) [25.161.3253.0](#) [25.332.0653.1](#) [25.352.0653.0](#) [25.352.0753.0](#)