

Low acceleration sensitivity hydrophone

H601

SPECIFICATIONS

Output sensitivity	-205 ± 1 dB re 1V/μPa
Acceleration sensitivity	typ. -60 dB re 1V/g
Frequency response	3 - 2,000 Hz
Capacitance	605 ±75 pF
Packaging size	0.650" dia. x 0.765" length
Weight	16 grams
Specific gravity in water	4.1
Grounding	case isolated
Sealing	hermetic
Sensing material	Aged, Navy type II
Packaging material	stainless steel (hydrophone)
Operating pressure	2500 psi, max
Operating temperature	125°C, max



Picture of hydrophone only.

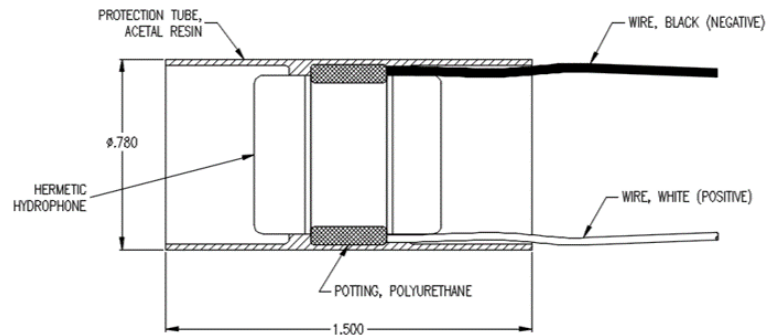
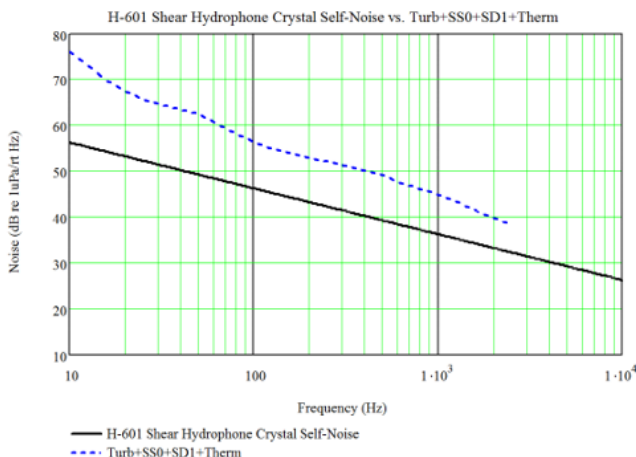
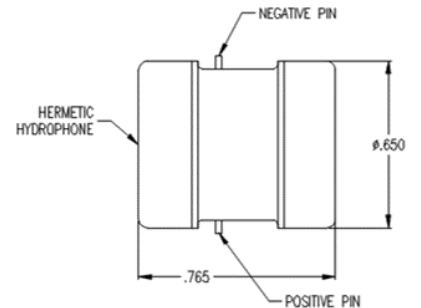
Key features

- Extremely low acceleration sensitivity
- Hermetic seal
- Electrically shielded
- Manufactured in ISO 9001 facility

Crystal self-noise:

at 10 Hz	57.0 dB re 1μPa/√Hz
at 100 Hz	47.0 dB re 1μPa/√Hz
at 500 Hz	40.0 dB re 1μPa/√Hz
at 1,000 Hz	37.0 dB re 1μPa/√Hz
at 2,000 Hz	34.0 dB re 1μPa/√Hz

Protection tube packaging size	0.781" dia. x 1.500" length
Cable	wire, single conductor, polyurethane jacket
Connections	white - positive black - negative
Sensing face	both ends of hydrophone



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Hardware is subject to US export controls. Consult factory for details