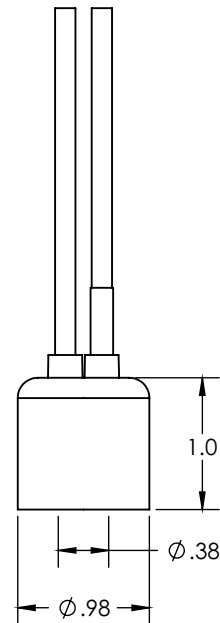


FREE-FLOODED RING PROJECTOR SENSORS

SX60-FR

TECHNOLOGY

The SX60-FR transducer is made with a piezoelectric ceramic ring. The shape of the piezo element balances pressure, resulting in virtually unchanged performance at any depth. The SX60-FR offers transmit capability at a 60 kHz resonance with a toroidal directivity pattern in the axial plane, and a wide usable bandwidth between 40-70 kHz. Free-flooded rings are efficient transducers, performing well at both transmitting and receiving, and can be assembled as an array to boost transmit power and/or increase directivity. Mounting options and connector types can be modified to meet customer requirements. Contact us to discuss your specific requirements.



TRANSMIT SENSITIVITY 134 dB re 1 μ Pa/V @ 1 m

RECEIVE SENSITIVITY -202.5 dB re 1 V/ μ Pa @ 20°C

RESONANCE FREQUENCY 60 kHz

CAPACITANCE 3.6 nF \pm 15% @ 20°C

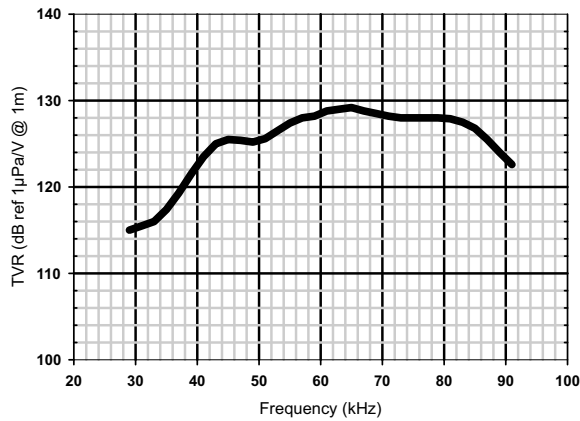
OPERATING DEPTH Unlimited



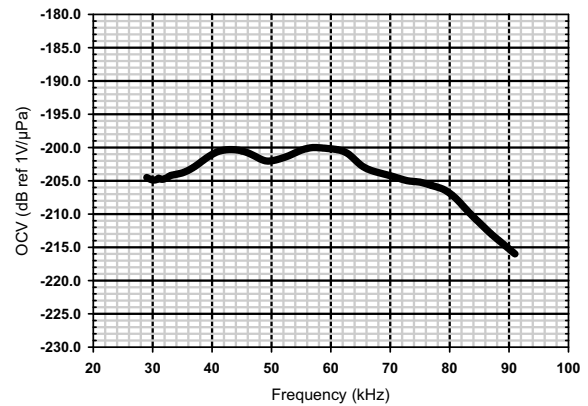
FREE-FLOODED RING PROJECTOR

SX60-FR

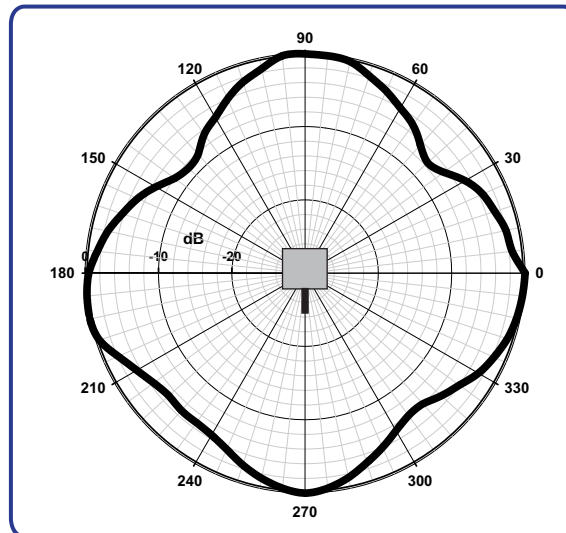
SENSOR
TECHNOLOGY



Transmit Voltage Response



Receive Voltage Response



Directivity Pattern at 60 kHz, Axial Plane

Contact Us via:
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