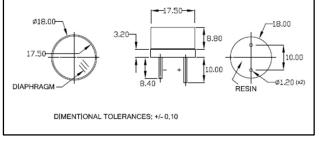


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K Series 40KT18 and 40KR18

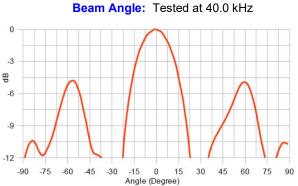
SensComp's 'K' Series Closed Face Piezoelectric Ultrasonic Sensors – 40KT18 and 40KR18



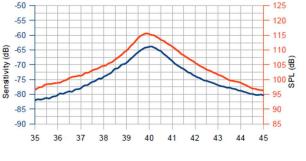




Specifications



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



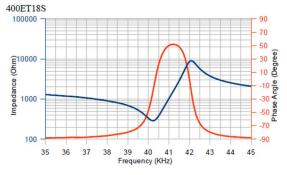
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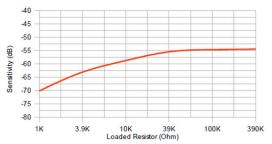
Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level

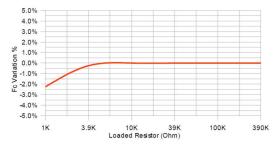


40KR18 Receiver

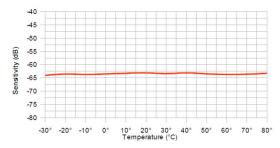
Sensitivity Variation vs. Loaded Resistor



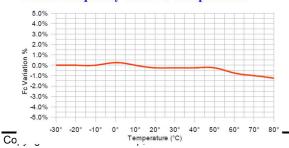
Center Frequency Shift vs. Loaded Resistor



Sensitivity Variation vs. Temperature

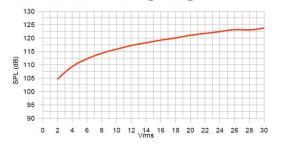


Center Frequency Shift vs. Temperature

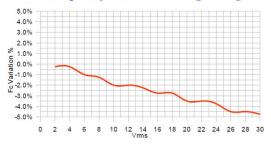


400ER18S 100000 10000 (Degree) (Ohm) Impedance 1000 100 39 40 4 Frequency (KHz) 35 36 37 38 41 42 43 44 45

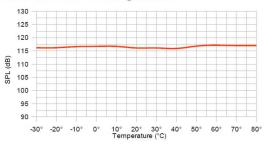
40KT18 Transmitter SPL Variation vs. Driving Voltage



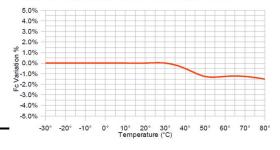
Center Frequency Shift vs. Driving Voltage



SPL Variation vs. Temperature



Center Frequency Shift vs. Temperature



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2

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