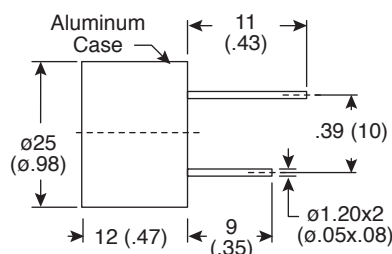
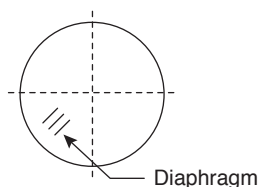
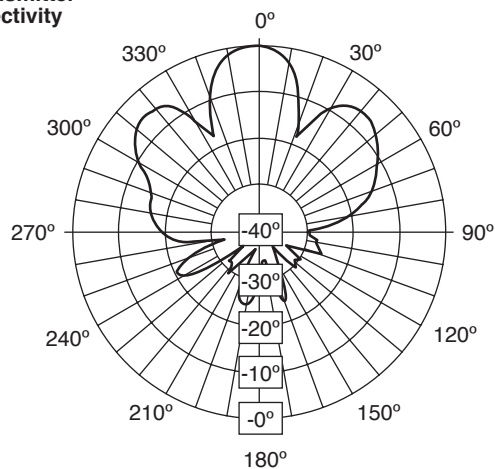


Part Number:

255-400ER25-ROX
255-400ET25-ROX



Transmitter Directivity



KT-400288

Electrical Specifications:

- Center frequency (f_0): 40.0KHz $\pm$ 1.0KHz
- SPL @ f_0 : 115dB (0dB re 0.0002 μ bar)
- Sensitivity @ f_0 : -70dB (0dB = 1V/ μ bar)
- Bandwidth: 1.0KHz (-6dB)
- Capacitance @ 1KHz: 2,400pF $\pm$ 20%
- Allowable input power: 0.2W

Mechanical Specifications:

- Type: Transmitter: 255-400ET25-ROX
Receiver: 255-400ER25-ROX
- Operating temperature: -40°C ~ +85°C
- Storage temperature: -40°C ~ +85°C

Note:

- RoHS Compliant by exemption

Available from Mouser Electronics

www.mouser.com

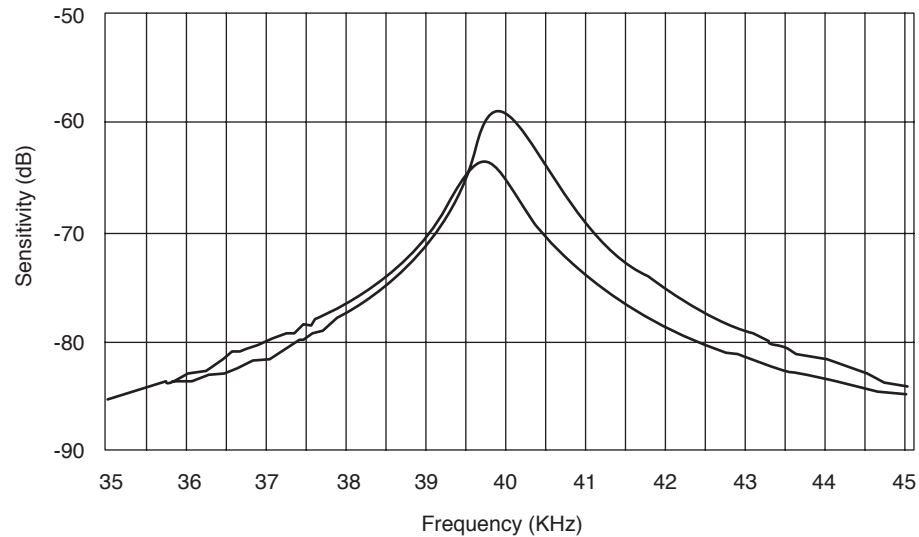
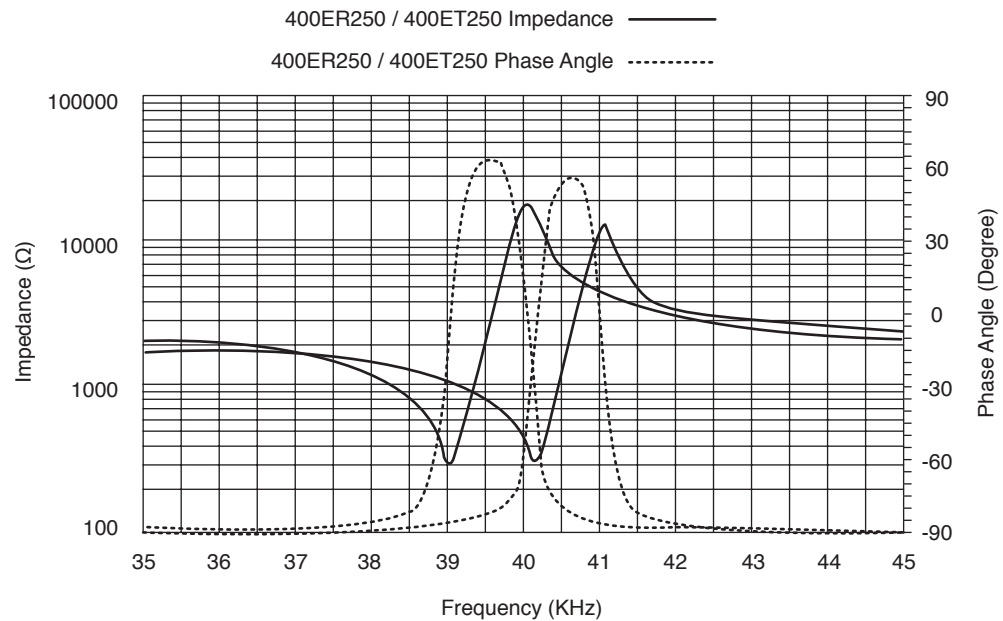
(800) 346-6873

Specifications are subject to change without notice. No liability or warranty implied by this information. Environmental compliance based on producer documentation.

Part Number:

 255-400ER25-ROX
 255-400ET25-ROX

Ultrasonic Transducers (Page 2 of 2)

Sensitivity and Sound Pressure Level: Tested under 10Vrms @ 30cm

Impedance & Phase Angle vs. Frequency


KT-400288