KOBITONE™ AUDIO COMPANY

Ultrasonic Transducers

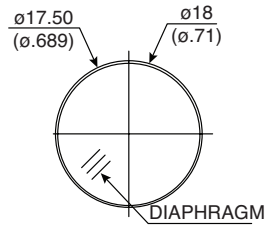
Date: 4/29/13

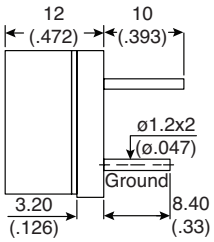
Dimensions: mm (in.)

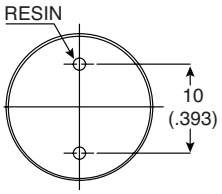
Part Number:

255-400ET18S-RO
255-400ER18S-RO

Ultrasonic Transducers

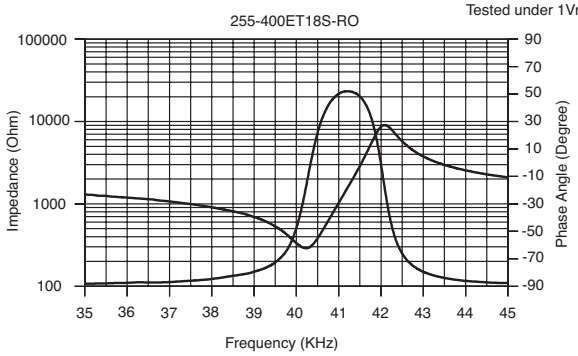


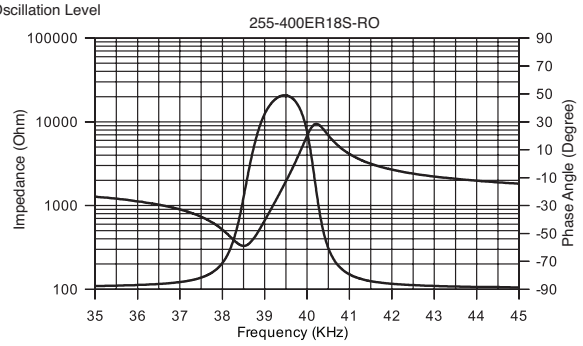




Impedance/Phase Angle vs. Frequency

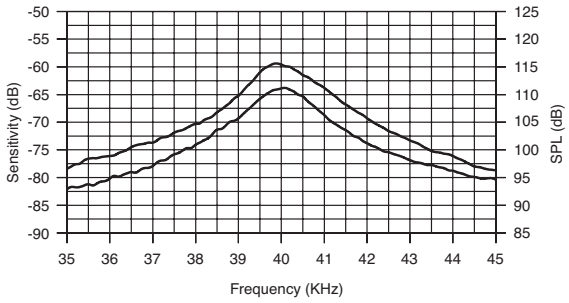
Tested under 1Vrms Oscillation Level





Sensitivity/Sound Pressure Level

Tested under 10Vrms @30cm



KT-400556

Electrical Specifications:

- Center Frequency: 40.0±1.0KHZ
- Sensitivity: -70dB min
- Bandwidth: 1.5KZ @ -6dB
- Capacitance: 2900±20%pF @ 1 KHZ
- Sound Pressure Level: 110dB @ 0dB re 0.0002 μbar

Mechanical Specifications:

- Operating Temperature: -30°C to +70°C
- Storage Temperature: -40°C to +80°C

Notes:

- RoHS Compliant

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.