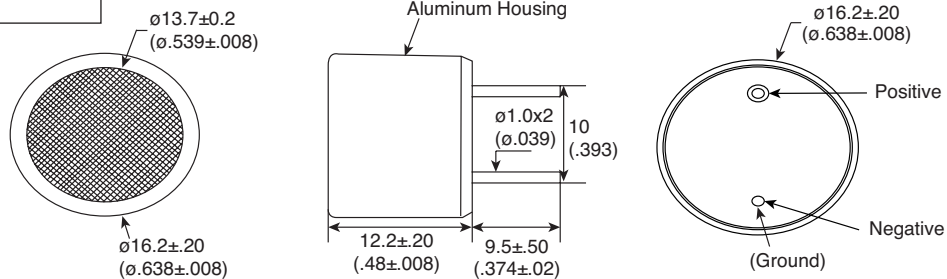


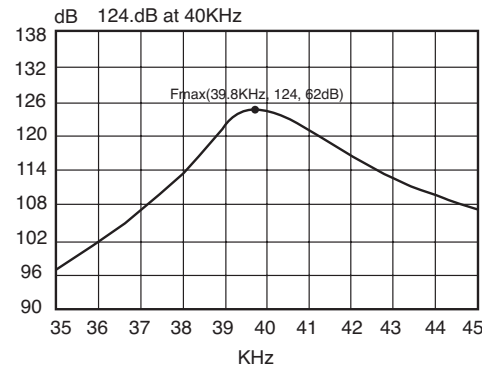
Part Number:

255-400ST16-ROX
255-400SR16-ROX

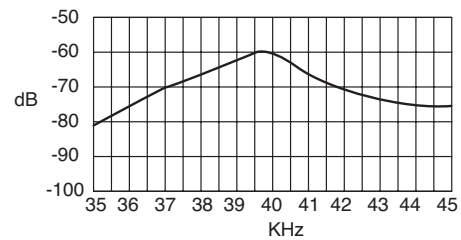
Ultrasonic Transducers



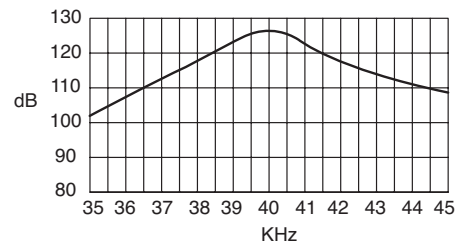
Transmitting Sound Pressure Level (0dB=0.0002μbar)



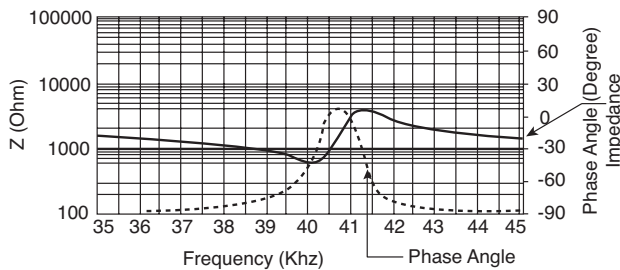
Sensitivity for 255-400SR16-ROX



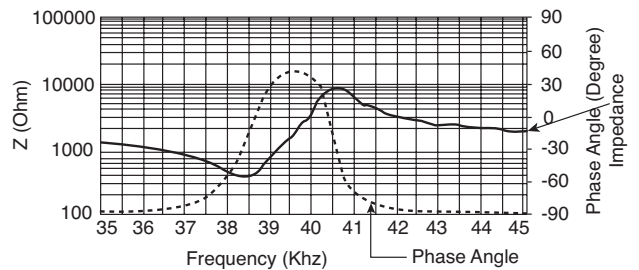
Sound Pressure Level for 255-400ST16-ROX



Impedance/Phase Angle vs. Frequency for 255-400ST16-ROX
Tested under 1Vrms Oscillation Level



Impedance/Phase Angle vs. Frequency for 255-400SR16-ROX
Tested under 1Vrms Oscillation Level



Electrical Specifications:

- Center Frequency (f_0): 40.0KHz±1.0KHz
- SPL @ f_0 for 255-400ST16-ROX: 120dB at 40KHz @ 0dB re 0.0002μ bar
- Sensitivity @ f_0 for 255-400SR16-ROX: -61dB (0dB=1V/μ bar)
- Bandwidth (-6dB): 255-400ST16-ROX - 2KHz; 255-400SR16-ROX - 2.5KHz
- Capacitance: 2,400pF±20%

Mechanical Specifications:

KT-400244

- Type: Transmitter - 255-400ST16-ROX;
Receiver - 255-400SR16-ROX
- Operating Temperature: -30°C ~ +70°C
- Storage Temperature: -40°C ~ +80°C

Note:

- RoHS Compliant by Exemption

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kobitone:](#)

[255-400SR16-ROX](#) [255-400ST16-ROX](#)