**Ultrasonic Transducers**

**Part Number:**
255-400ST12  255-400SR12

**Dimensions:** mm (In.)

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**Electrical Specifications:**
- Center frequency ($f_0$): 40.0KHz ± 1.0KHz
- SPL @ $f_0$: 255-400ST12 = 115dB (0dB re 0.0002 µ bar)
- Sensitivity @ $f_0$: 255-400SR12 = -67dB (0dB = 1V/µ bar)
- Driving voltage: 1V min., 20V max.
- Bandwidth (-6dB): 2KHz
- Allowable input power: .2W
- Capacitance @ 1KHz: 2,400pF ± 20%

**Mechanical Specifications:**
- Type: Transmitter: 255-400ST12
  Receiver: 255-400SR12
- Operating temperature: -30°C ~ +85°C
- Storage temperature: -40°C ~ +100°C