Ultrasonic Transducers

Part Number:
255-400ST16-ROX
255-400SR16-ROX

Dimensions: mm (in.)

Electrical Specifications:
• Center Frequency \( f_0 \): 40.0KHz±1.0KHz
• SPL @ \( f_0 \) for 255-400ST16-ROX: 119dB (0dB re 0.0002μ bar)
• Sensitivity @ \( f_0 \) for 255-400SR16-ROX: -65dB (0dB=1V/μ bar)
• Bandwidth (-6dB): 255-400ST16-ROX - 2KHz; 255-400SR16-ROX - 2.5KHz
• Allowable Input Power: 0.2W
• Capacitance: 2,400pF±20% @ 1KHz

Mechanical Specifications:
• Type: Transmitter - 255-400ST16-ROX; Receiver - 255-400SR16-ROX
• Operating Temperature: -30°C ~ +85°C
• Storage Temperature: -40°C ~ +100°C
• RoHS Compliant by Exemption

Available from Mouser Electronics www.mouser.com (800) 346-6873
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