

Ultrasonic Transducer

Date: 9/3/13

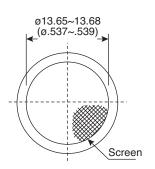
Dimensions: mm (In.)

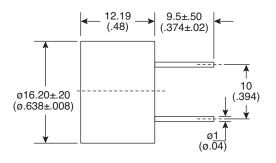
Part Number:

255-400PT160-ROX



Transducer





KT-400551

Electrical Specifications:

- Center frequency (f₀): 40.0KHz ± 1.0KHz
- Nominal impedance: 1,000Ω
- Sound pressure level @ f₀: 117dB
- Sensitivity @ f_0 : -65dB (0dB = 1V/ μ bar)
- Beam angle -6dB: 40°
- Capacitance @ 1KHz: 2,400pF ± 20%

Soldering Specifications:

 Hand Soldering Temperature and Time: <360°

Temperature and Time: <360° C at <3 seconds

Mechanical Specifications:

- Operating temperature: -30°C ~ +70°C
- Storage temperature: -40°C ~ +80°C

Notes:

RoHS Compliant by Exemption

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