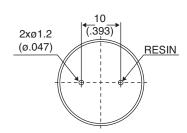
Ultrasonic Transducer

Date: 06/03/09

Dimensions: mm (in.)

ALUMINUM CASE 12 (.472)Teflon Coating 150~250um (.354)(.433)DIAPHRAGM **GROUND** ø25.2~25.6 (ø.992~1.01) k including thickness of Teflon coating



Electrical Specifications:

JItrasonic Transducers

- Center Frequency (f₀): 25.0±1.0KHz
- SPL @ f_0 for 255-250ET250-ROX: 113dB (0dB re 0.0002 μ bar)
- Sensitivity @ f_0 for 255-ER250-ROX: -63dB (0dB=1V/ μ bar)
- Bandwidth (-6dB): 1.0KHz
- Allowable Input Power for 255-250ER250-ROX: 0.2W
- Capacitance: 2,400±20%pF @ 1KHz

Mechanical Specifications:

- Operating Temperature: -30°C ~ +80°C
- Storage Temperature: -40°C ~ +85°C

Note:

RoHS Compliant by exemption

Available from Mouser Electronics

www.mouser.com

(800) 346-6873

KT-400306

Specifications are subject to change without notice. No liability or warranty implied by this information. Environmental compliance based on producer documentation.