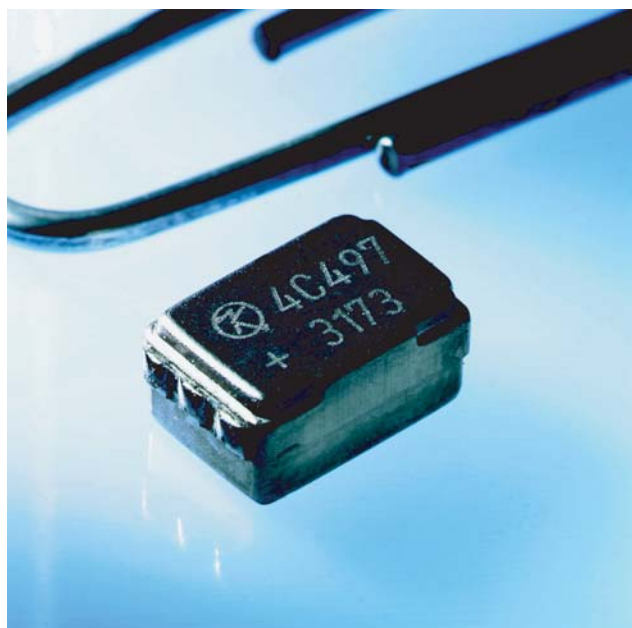
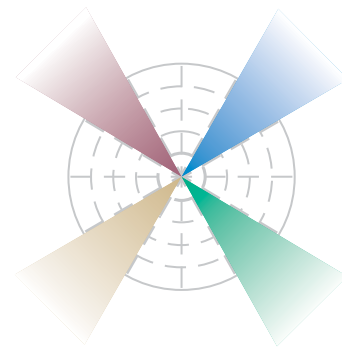


BU Series Accelerometers



Product Features

- Wide Frequency Range
- Hermetically Sealed
- Rugged Shockproof Case
- Low Noise
- Standard and Low Profile Sizes
- Internal FET Preamplifier

Applications

- Communications
- General sensing
- Instrumentation

The BU Series of accelerometers feature broadband output in a versatile miniature case size.



BU Series Accelerometers Specifications

Performance

Frequency Response	Charted by response type
Sensitivity Tolerance	+/- 4.5dB @ 1000Hz
DC Supply	1.5 - 10.0 V
Current Drain	50 μ A maximum
Output Impedance (in 2-wire circuit)	4900 to 5500 ohms

Mechanical

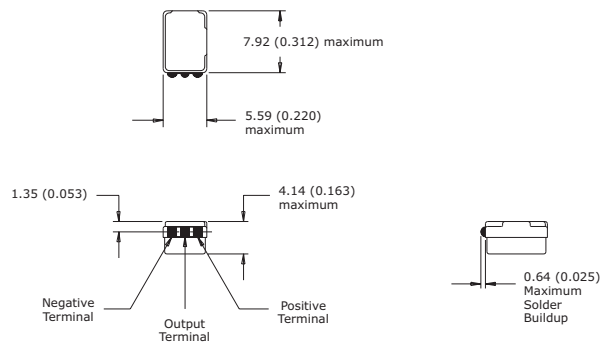
Weight	0.28 grams (nominal)
Dimensions	See outline drawings
Case Material	80Ni20Fe
Solder Content	Sn63Pb37

Optional Soldering Fixture

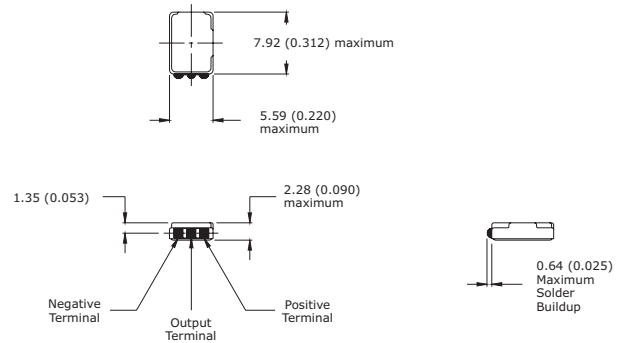
	Standard Case	Thin Case
Base	ET-3042	ET-3042
Nest Plate	ET-802	ET-811
Back Plate	ET-900	ET-900

Outline Drawings

Standard Case



Thin Case



www.knowlesacoustics.com

AMERICAS:
Knowles Acoustics
1151 Maplewood Drive
Itasca, IL 60143 U.S.A.
Phone: 630-250-5930
Fax: 630-250-5932

EUROPE:
Knowles Acoustics
York Road, Burgess Hill
West Sussex, RT15 9TT
England
Phone: 441-444-235432
Fax: 441-444-872772




JAPAN:
Knowles Acoustics
Kyodo Bloom Building
19-1 Miyasaka 2-Chome
Setagaya-Ku, Tokyo 156, Japan
Phone: 81-3-3439-1151
Fax: 81-3-3439-8822

ASIA:
Knowles Acoustics
5F, No. 129, Lane 235, Bauchiou Rd
Shindian City, Taipei 231, Taiwan
Republic of China
Phone: 886-2-8919-1799
Fax: 886-2-8919-1798

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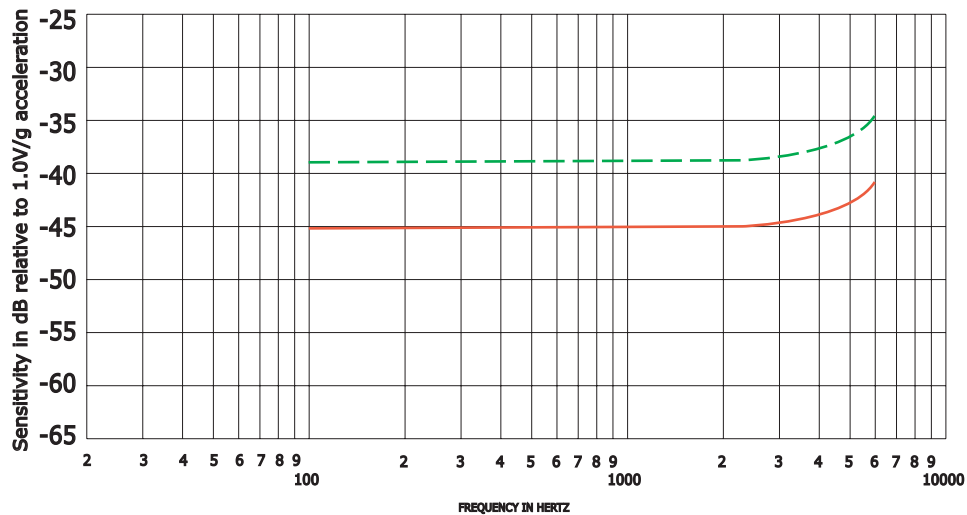
BU Series Accelerometers Specifications

Model Chart

Model	Outline Drawing	Response (Legend)	Performance
BU-1771	Standard Case		Standard
BU-3173	Standard Case		High Sensitivity
BU-7135	Thin Case		Standard

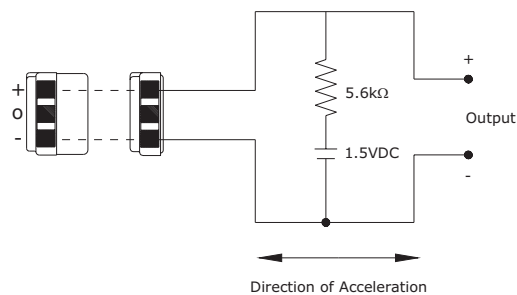
Frequency Response

Standard Hookup

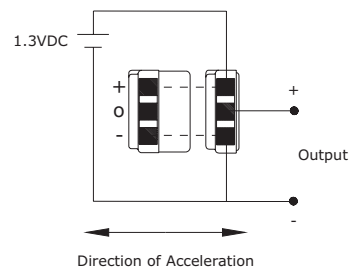


Wire Hookup

Standard 2-Wire Hookup



Alternate 3-Wire Hookup



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