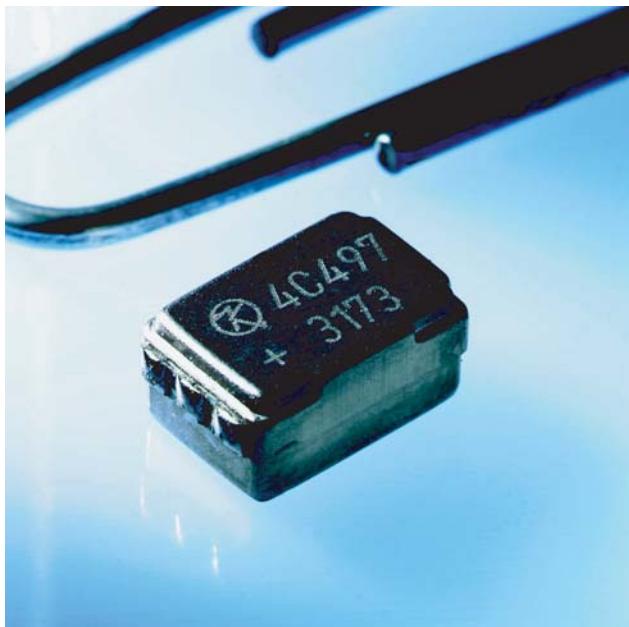
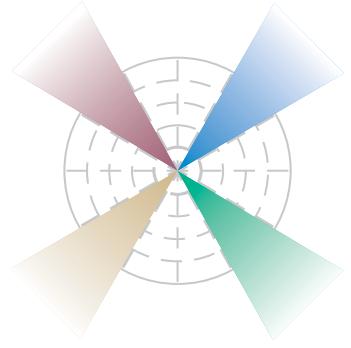


BU Series Accelerometers



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 uA maximum
Output Impedance (in 2-wire circuit)	4900 to 5500 ohms

Mechanical

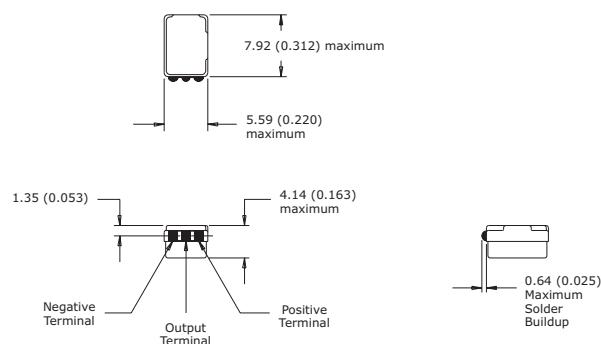
Weight	0.28 grams (nominal)
Dimensions	See outline drawings
Case Material	80Ni20Fe
Solder Content	Sn63Pb37

Optional Soldering Fixture

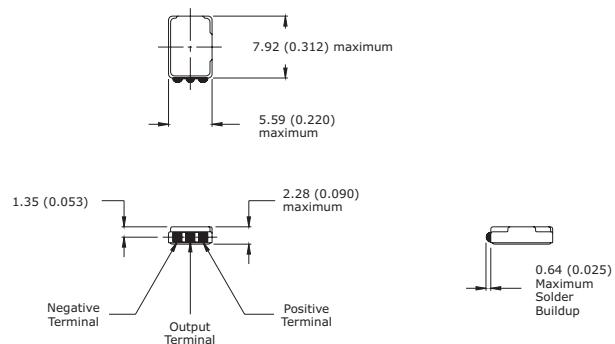
	Standard Case	Thin Case
Base	ET-3042	ET-3042
Nest Plate	ET-802	ET-811
Back Plate	ET-900	ET-900

Outline Drawings

Standard Case



Thin Case



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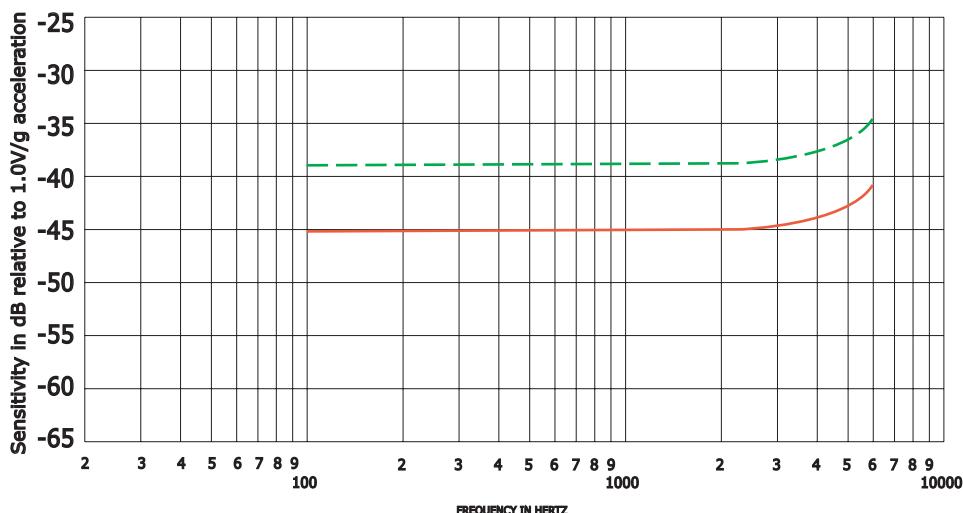
BU Series Accelerometers Specifications

Model Chart

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

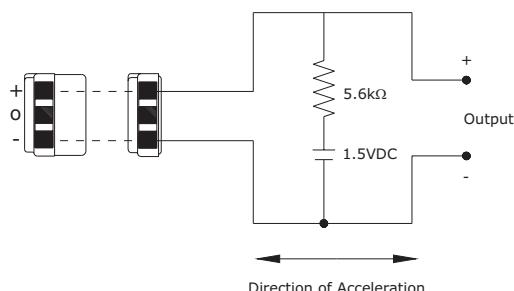
Frequency Response

Standard Hookup

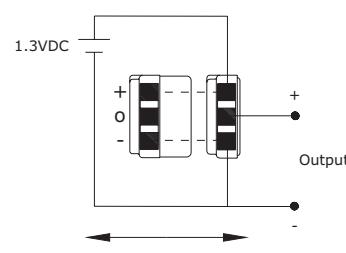


Wire Hookup

Standard 2-Wire Hookup



Alternate 3-Wire Hookup



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