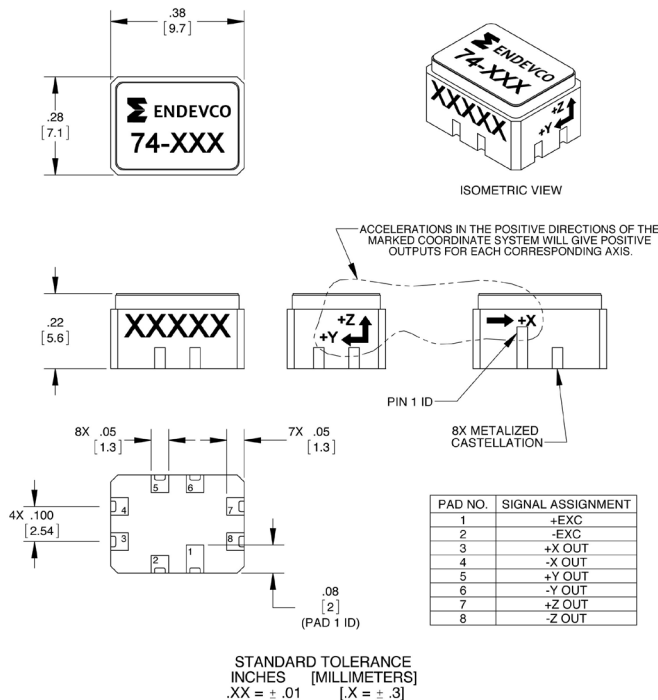
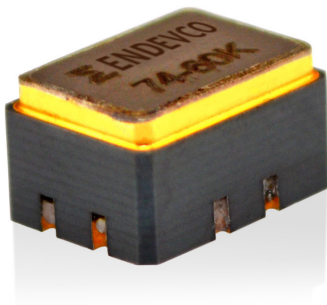


Damped piezoresistive triaxial accelerometer

Model 74



Key features

- 20 000 and 60 000 g ranges
- Lightly damped for exceptional survivability
- LCC package is SMT or hand solder compatible
- Low power consumption
- Minimal zero shift after shock

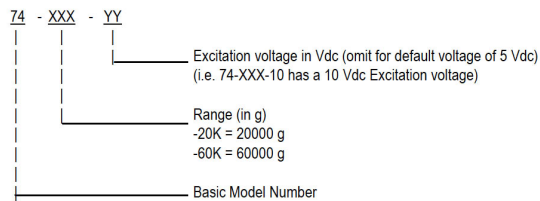
The Endevco® Model 74 series is a family of rugged, lightly damped, piezoresistive triaxial accelerometers designed for high-acceleration shock measurements in three mutually perpendicular axes. This family uses three sensors that are packaged in a mutually orthogonal arrangement in a leadless chip carrier (LCC) package that supports mounting by surface mount technology (SMT) re-flow soldering (with epoxy underfil) or adhesive mounting (with hand soldering).

The Model 74 utilizes the same sensing element as the Model 72, 7280A and 7284 accelerometer families. Each axis uses a unique micro-machined, piezoresistive sensor with light gas damping to attenuate resonant amplitudes, and mechanical stops to reduce breakage under over load conditions. The Model 74 is available in 20 000 g and 60 000 g full scale ranges, with all three axes having the same range. Selectable ranges per axis are available by special request.

U.S. patent numbers 6,988,412 applies to this unit.

Damped piezoresistive triaxial accelerometer Model 74

MODEL NUMBER DEFINITION



Notes:

1. Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 866-ENDEVCO for recommended intervals, pricing and turn-around time for these services as well as for quotations on our standard products.

Contact

Endevco

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www.endevco.com

This product is subject to International Traffic in Arms Regulations (ITAR), and as such a license is required for shipments outside the U.S. and other restrictions may apply.



Continued product improvement necessitates that Endevco reserve the right to modify these specifications without notice. Endevco maintains a program of constant surveillance over all products to ensure a high level of reliability. This program includes attention to reliability factors during product design, the support of stringent Quality Control requirements, and compulsory corrective action procedures. These measures, together with conservative specifications have made the name Endevco synonymous with reliability. 091819