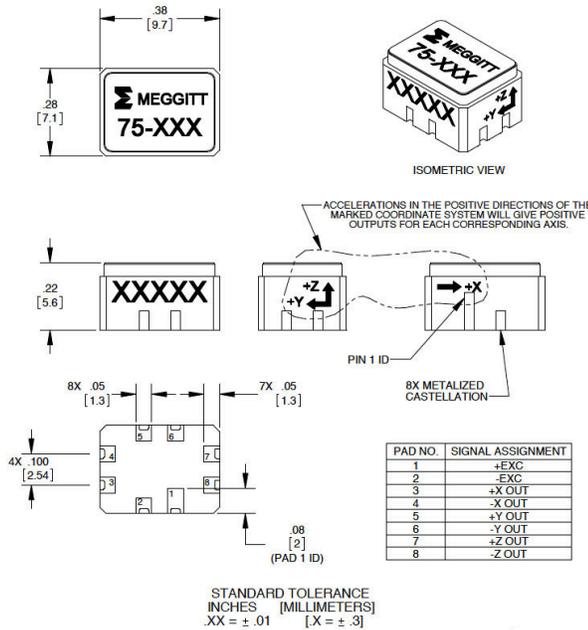
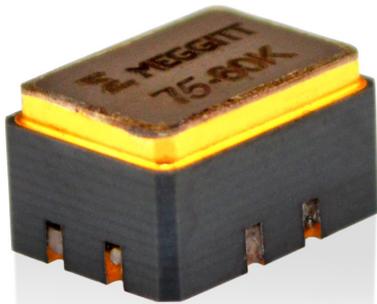


Undamped piezoresistive triaxial accelerometer

Model 75



Key features

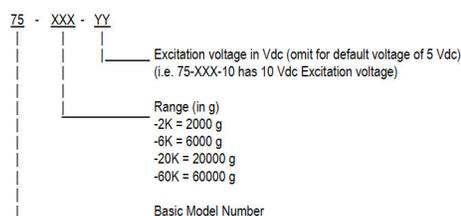
- 2000, 6000, 20 000 and 60 000 g ranges
- High resonance frequency
- LCC package is SMT or hand solder compatible
- No damping for fast response time
- Minimal zero shift after shock

The Endevco® Model 75 series is a family of rugged, undamped, 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 underfill) or adhesive mounting (with hand soldering).

The Model 75 utilizes the same highly efficient sensing system as the Model 71, 7270A and 7274 accelerometer families. For each axis, the sensor is sculptured from a single chip of silicon, which includes the inertial mass and strain gages arranged in a four-active-arm Wheatstone bridge circuit. The Model 75 is available in ranges from 2000 g to 60 000 g, with all three axes having the same range. Selectable ranges per axis are available by special request.

U.S. patent numbers 4,498,229; 4,605,919 and 4,689,600 apply to this unit.

MODEL NUMBER DEFINITION



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 Meggitt reserve the right to modify these specifications without notice. Meggitt 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. 12313

©Meggitt (Orange County), Inc. All Rights Reserved 14600 Myford Road, Irvine, CA 92606 USA
(800) 982-6732 • (949) 493-8181 fax (949) 661-7231 • www.endevco.com • Email: applications@endevco.com

MEGGITT
smart engineering for
extreme environments