



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Slow Vibration Sensor Switch (Hard to trigger)

PRODUCT ID: 1767



## Description

The "poor man's" accelerometer/motion sensor! These spring-vibration switches are **low sensitivity** non-directional vibration induced trigger switches. Inside is a stiff spring coiled around a long metal pin. When the switch is moved, the spring touches the center pole to make contact. So, when there's motion, the two pins will act like a closed switch. When everything is still, the switch is open. Great for basic projects and wearables!

We also have a version with a less stiff spring which makes it a little easier to trigger, and a version with a very soft spring which makes it much easier to trigger!

## Technical Details

- Electrical characteristics:
  - **Maximum Voltage:** 12V
  - **Contact Resistance:** <10 ohm
  - **Contact Time:** 2 ms
  - **Maximum Current:** 20mA
  - **Insulation Resistance:** >10M ohm
  - **Temperature Range:** -40 to 80°C
  - **Operating lifespan:** 100,000 cycles
  - Diameter: 5mm/0.2"
  - Height (w/ pins): 21mm/0.8"
  - Height (w/o pins): 11mm/0.4"
  - Weight: 0.30g