



SENSOR SWITCH

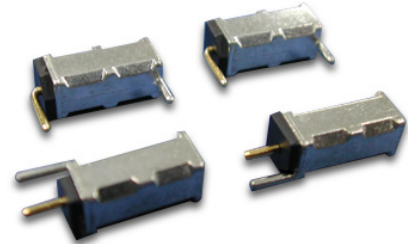
Item #	VBS01 Series	Description	VIBRATION SWITCH	Version	V99.0
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● FUNCTIONS

Two Axes Vibration Detecting

● APPLICATIONS

1. Toys
2. Sporting equipment
3. Automotive devices
4. Visual devices
5. Home electrical appliances
6. Information devices
7. Communication devices



● FEATURES

1. No electricity consumption during detection status.
2. Gold-plated ball and terminals, low possibility of oxidization.
3. All plastic materials subject to industrial purpose, resist high temperature and meet fireproof function.
4. Simple ON and OFF signals, easy for design.
5. RoHS compliance, an ideal substitute for mercury switch.
6. A more economical vibration detection option than IC design solution.
7. All made in Taiwan and examined before shipment.

● PATENTS

1. TAIWAN Patent NO. 191436
2. TAIWAN Patent NO. 216556
3. U.S.A. Patent NO. US 6,545,235 B1
4. U.S.A. Patent NO. US 6,784,386 B2
5. CHINA Patent NO. ZL 01 2 34013.0
6. CHINA Patent NO. ZL 2003 20100675.0



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● BILL OF MATERIAL

1.	Housing	ZINC Alloy, Tin Plated over Nickel
2.	Base	Polyamide + Glass-Fiber
3.	Terminal	Copper Alloy, Gold Plated over Nickel
4.	Spring	Copper Alloy Nickel Plated
5.	Steel Ball	Stainless Steel

● PACKAGE

	Part Number	Package	Quantity	Total	Size
1.	VBS010100 VBS010200	PE Bag	500 pcs	500 pcs	12.7 x 17.8 (cm)
		Inner Box	10 Bags	5,000 pcs	36 x 20 x 9 (cm)
		Carton	3 Boxes	15,000 pcs	36 x 28 x 23 (cm)

* Minimum Order Quantity: One Bag

● NOTE

1. Suggestion Contact Rating: 5mA
2. For the continued product improvement as one of the company policy, specifications may change or update without notice. The latest information can be obtained through our sales offices. Normally, all products are supplied under our standard conditions.

● PRECAUTIONS FOR USE

1. If the products is intended to be used for other endurance equipments requiring higher safety and reliability such as life support system, space and aviations devices, disaster and safety system, it's necessary to make verification of conformity or contact us for the details before using.
2. Don't try to clean the switch with a solvent or similar substance after the soldering process.
3. The switch might be damaged if using the water-soluble flux.
4. Don't use the switch in the environment with high humidity or other bedewing possibility, as it may cause leaking among the terminals.
5. It might catch fire if the rating exceeds the specifications. Never use the switch beyond the rating.