

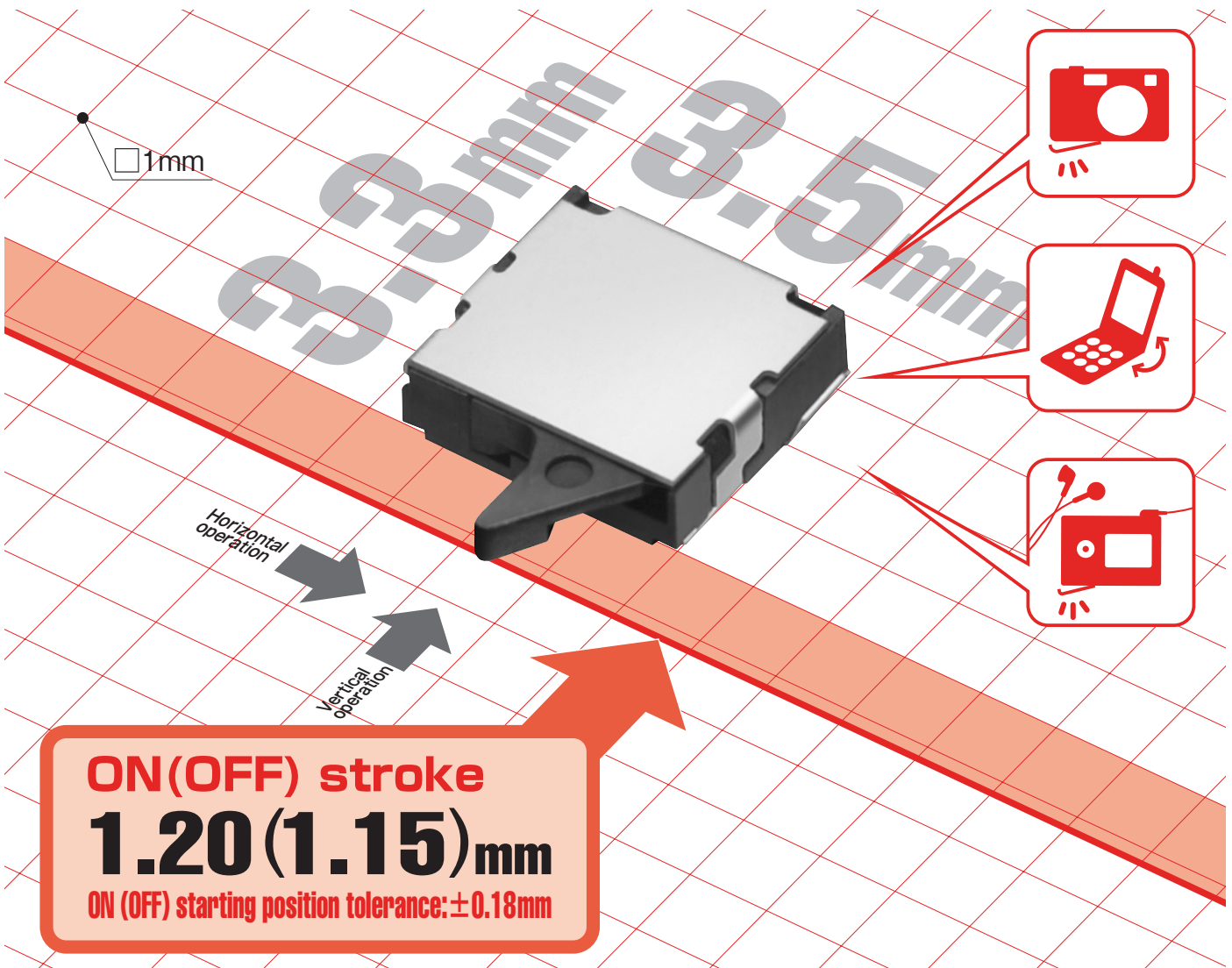
Detector Switch Compact Two-way Operation Type

ALPS®

New
2006

SPVS Series

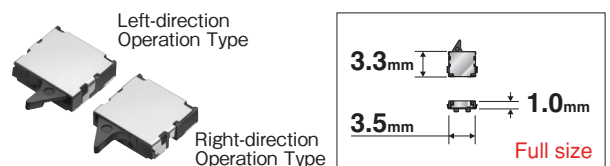
Highly reliable long travel stroke supporting Normal "CLOSE"



ON(OFF) stroke
1.20 (1.15)mm
ON (OFF) starting position tolerance: $\pm 0.18\text{mm}$

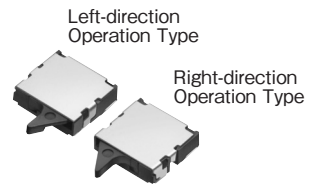
Introducing ALPS' most compact (height: 1mm) and easy-to-use long travel stroke.

- Equipped with two types of circuits: Normal OPEN and Normal CLOSE.
- Boasts ALPS' smallest projection area (Dimensions: 3.3×3.5×1mm).
- Two-way Operation the horizontal and the vertical direction is possible.
- Double-sided sliding contact provides high reliability.



We offer enhanced set design flexibility for detection of Personal Digital Assistants mechanisms.

Detector Switch Compact Two-way Operation Type



SPVS Series

Achieving long travel stroke of 1.55mm with Alps's smallest projection area and ease-of-use supporting Normal CLOSE.

Applications

Detecting opening/closing of covers of digital cameras, mobile phones and more.

Detecting the various behaviors of video cameras, digital cameras, mobile phones, MP3 players and more.

Typical Specifications

Items	Specifications
Rating (max./min.) (Resistive load)	1mA 5V DC/50BA 3V DC
Operating force	0.35N max.
Total travel	1.55mm
Operating life	50,000 cycles

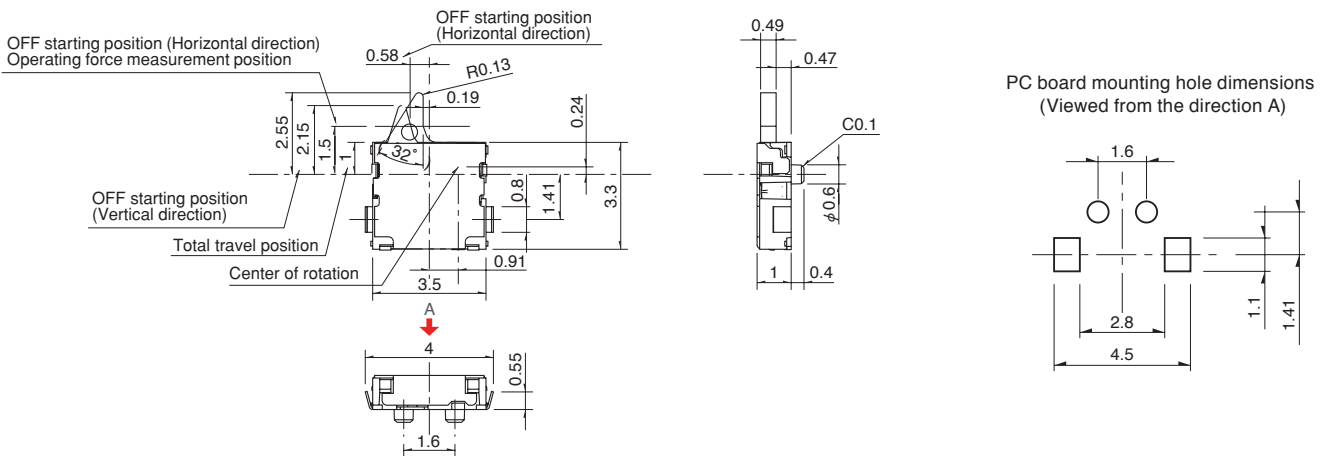
Product Line

Product No.	SPVS120100	SPVS120200	SPVS220100	SPVS220200	SPVS110100	SPVS110200	SPVS210100	SPVS210200
Circuit type	Normal CLOSE				Normal OPEN			
Operation direction	Right		Left		Right		Left	
Location lug	With	Without	With	Without	With	Without	With	Without

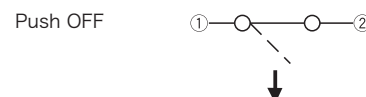
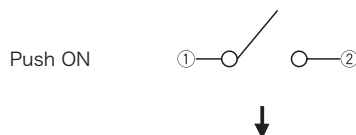
Dimensions

Normal CLOSE Left-direction Operation Type: SPVS220100

Unit:mm



Circuit Diagram



Cautions for Use

1. Specification indicated in this catalog is outline only. When employing the product, use of an officially authorized specification for supply contract is recommended.
2. Unless specifically indicated otherwise, products in this catalog have been designed and manufactured for use in ordinary electronic equipment and devices, such as AV equipment, electric home appliances, office machines, and communications equipment. Equipment manufacturers are consequently advised that when these products are planned for equipment that requires a high degree of safety and reliability, especially those apparatuses like medical equipment, aviation and aircraft equipment, space equipment, and burglar alarm equipment, the manufacturers should assure equipment safety by providing protection circuits and redundant circuitry and should fully study the suitability of such products for the intended equipment.
3. The external appearance, performances, and other properties of the product may be changed for improvement without prior notice. The product introduced in this catalog may discontinue being produced without prior notice.
4. All product names, company names and names of standards described in this catalog are trademarks or registered trademarks of their respective owners.
5. Please contact us for any enquiries and queries on our products and their uses.
6. This catalog is valid till the end of December 2006.

Inquiries about Products

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