

Low-profile Lever Type Detector Switch

SPVR Series



The 1.2mm thin profile that employs the double-sided sliding contact providing high reliability. The 2.18mm easy-to-use long stroke has been achieved in this long lever type switch.

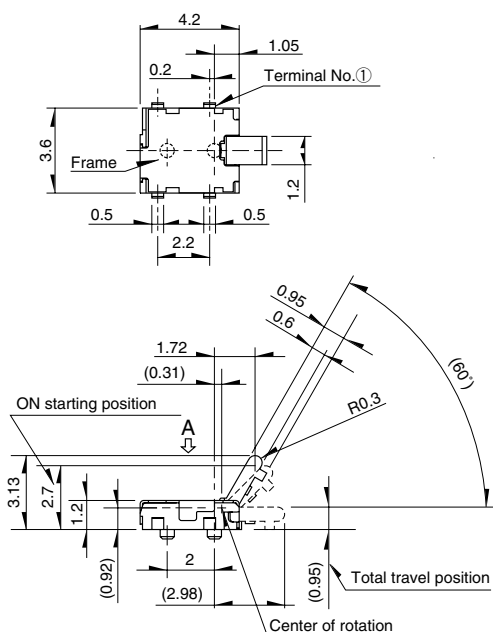
Applications

For detection mechanisms, for detecting the lids, and for detecting the input of secondary power sources and mode selections, including digital cameras, video camcorders, Personal Digital Assistants, notebook PCs, and portable audio players.

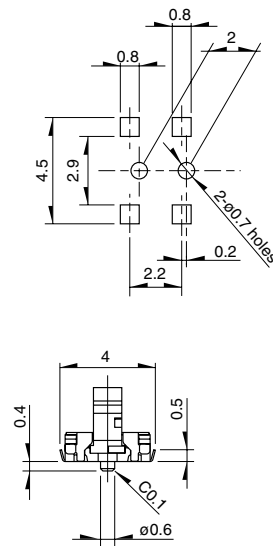
Typical Specifications

| Items | | Specifications | |
|--|--------------|---------------------------|------------|
| Products No. | | SPVR110100 | SPVR120100 |
| Rating(max.)(Resistive load) | | 1mA 5V DC | |
| Contact resistance(Initial performance/After lifetime) | | 3Ω max./5Ω max. | |
| Total travel | | 2.18mm | |
| Overrun travel | | 1.75mm | |
| Boss style | | With | Without |
| Operating temperature range | | 0.35N max. | |
| Operating force | | -10°C to +60°C | |
| Operating life | Without load | 50,000 cycles | |
| | With load | 50,000 cycles (1mA 5V DC) | |

Dimensions

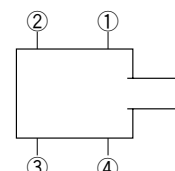


Unit:mm
PC board mounting hole dimensions
(Viewed from direction A)

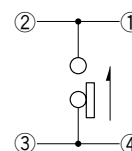


Terminal Layout

Viewed from Direction A



Circuit Diagram



Operating Precautions

- Unless specifically indicated otherwise, this product has 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.
- Specification indicated in this catalog is outline only. When employing the product, use of an officially authorized specification for supply contract is recommended.
- The external appearance, performances, and other properties of the product may be changed for improvement without prior notice.
- Names for products and companies and titles of specifications indicated in this catalogue are mostly trademarks or registered trademarks of their respective owners.
- Please contact us for any enquiries and queries on our products and their uses.
- This catalog is valid till the end of December 2006.

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