

# SDP Series Micro Mini Pendulum SMT Detect Switch



## Features/Benefits

- SMT process compatible
- Low profile
- Right or left side actuated
- Low actuation force
- Low halogen / halogen free

## Typical Applications

- Consumer electronics
- Computers
- Medical devices
- ATCA and MicroTCA devices

## Specifications

CONTACT RATING: 5 VDC 1mA (0.1mA to 100mA max)  
 MECHANICAL AND ELECTRICAL LIFE: 50,000 cycles  
 CONTACT RESISTANCE: 500 m Ω max. initial.  
 INSULATION RESISTANCE: 100 M Ω (500VDC for 1 min.)  
 OPERATING TEMPERATURE: -20°C to + 70°C  
 STORAGE TEMPERATURE: -30°C to + 80°C  
 PACKAGING: Tape & reel 4,550 pieces

## Materials

BASE: LCP (black)  
 COVER: PA 46 (black)  
 ACTUATOR: LCP (black)  
 MOVABLE BLADE: Stainless Steel, Ag over Ni plating.  
 TERMINALS: Phosphor Bronze, Ag over Ni plating.  
 SOLDERABILITY: Lead free compatible - No clean.

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

## Build-A-Switch

Complete part numbers for SDP Series are shown below.

### SDP002

