

HDP Series

Micro Mini Side Actuated Surface Mount Detect Switches



Features/Benefits

- Low profile
- Side actuation
- Right and left options available
- Low actuation force
- Lead free and halogen free

Typical Applications

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

Specifications

CONTACT RATING: 1 mA 5 VDC

MECHANICAL AND ELECTRICAL LIFE: 100,000 cycles min.

CONTACT RESISTANCE: < 500 m Ω initial.

INSULATION RESISTANCE: > 100 M Ω

OPERATING TEMPERATURE: -20°C to +70°C

STORAGE TEMPERATURE: -30°C to +80°C

PACKAGING: tape & reel; 2,500 per reel.

TRAVEL:

Pre-travel	0.15 mm min.
"ON" starting position	2.96 +/- 0.25 mm
Total:	1.3 mm
Mechanical:	1.9 mm

Materials

BASE: PA 46 (UL94HB) - halogen free

ACTUATOR: PA 46 (UL94HB) - halogen free

HDP001R - black body/actuator

HDP001L - grey body/actuator

MOVABLE CONTACTS: Stainless Steel, Silver over nickel plate.

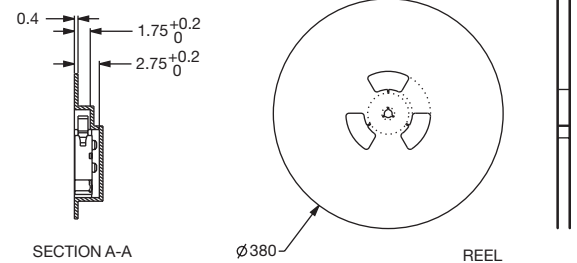
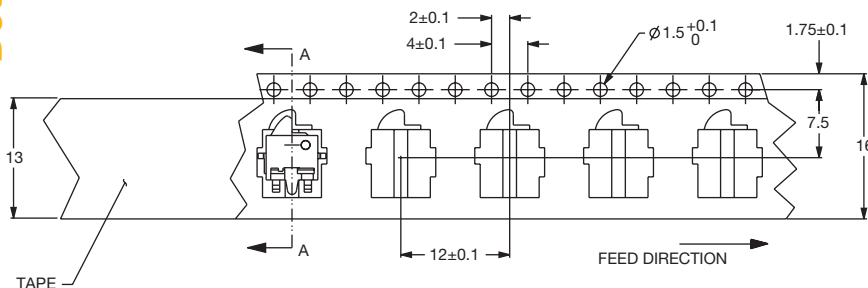
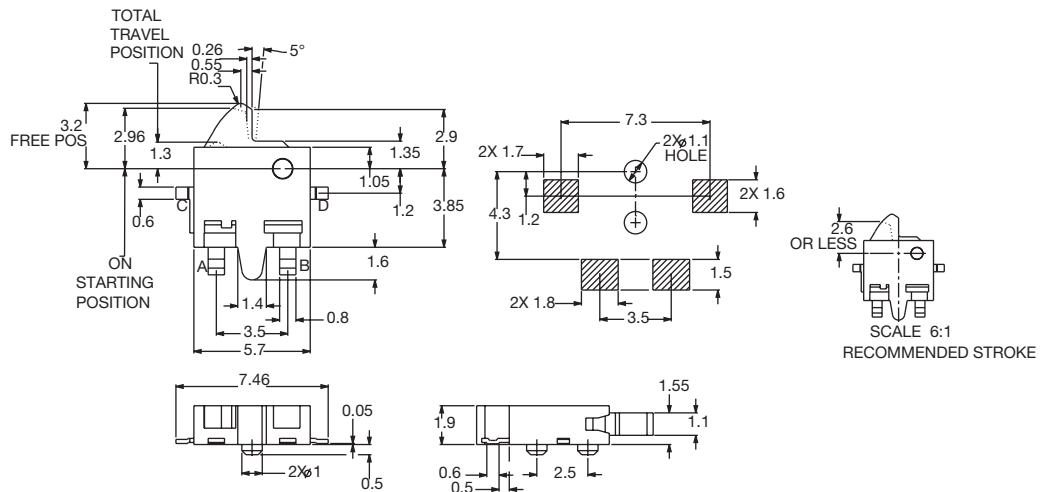
FIXED CONTACTS/TERMINALS: Phosphor Bronze, Silver plate.

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 HDP Series are shown below.

PART NUMBER	PACKAGING	SCHEMATIC
HDP001R Black body/ actuator	TAPE & REEL	

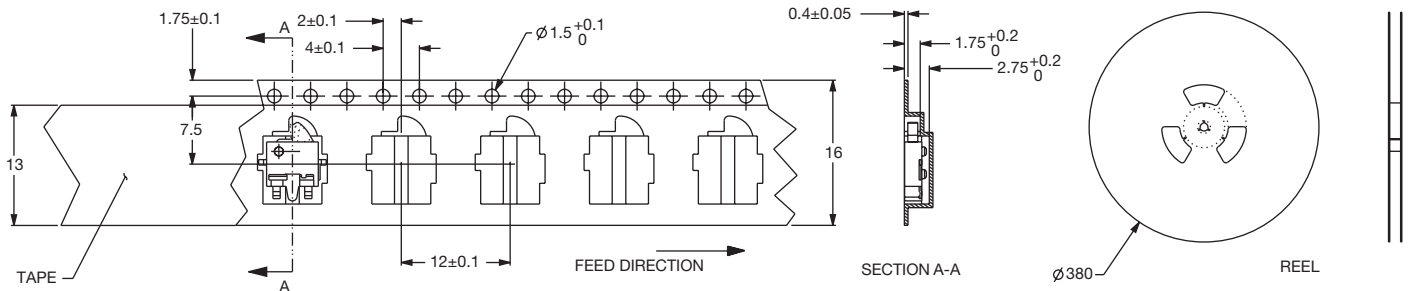
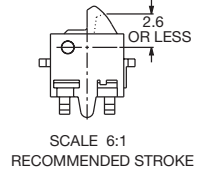
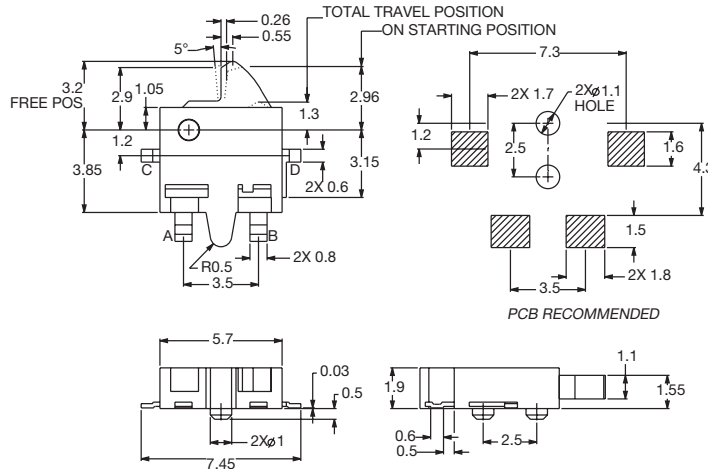


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PART NUMBER	PACKAGING	SCHEMATIC
HDP001L		
Grey body/ actuator	TAPE & REEL	



Mouser Electronics

Authorized Distributor

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C&K Switches:

[HDP001L](#) [HDP001R](#)