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: -20ºC to + 70ºC
STORAGE TEMPERATURE: -30ºC to + 80ºC
PACKAGING: tape & reel; 2,500 per reel.
TRAVEL:

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

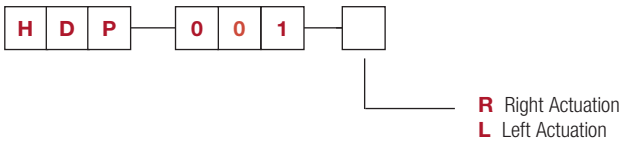
Materials

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.

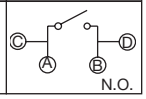
How To Order

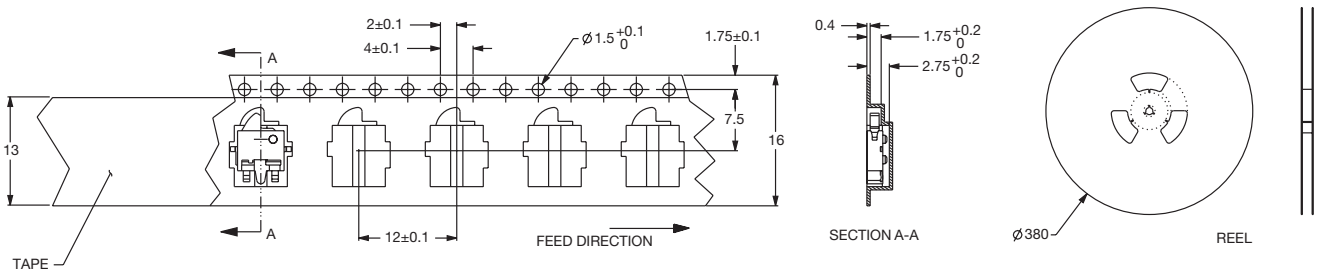
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.



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	