

HDP Series

Micro Mini Side Actuated Surface Mount Detect Switches



Description

The HDP series of micro mini side actuated surface mount detect switches are engineered to give designers their option for a right or left side switch, while retaining a low profile. HDP switches are used most often in devices for the medical device or consumer electronics industries – and are recognized for giving designers a long lifecycle switch with a soft actuation force.

Features & Benefits

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

Applications

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

Specifications

Contact Rating	1mA @ 5 VDC
Operating Life	100,000 cycles min.
Contact Resistance	< 500 Ω max. 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
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 (UL 94 HB) - halogen free
Actuator	PA 46 (UL 94 HB) - halogen free HDP001R - black body/actuator HDP001L - grey body/actuator
Movable Blade	Stainless Steel, Silver over nickel plate.
Fixed Contacts Terminal	Phosphor Bronze, Silver plate

Notes:

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

Ordering Number

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.

HDP - 001 - x

R: Right Actuation
L: Left Actuation

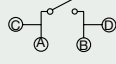
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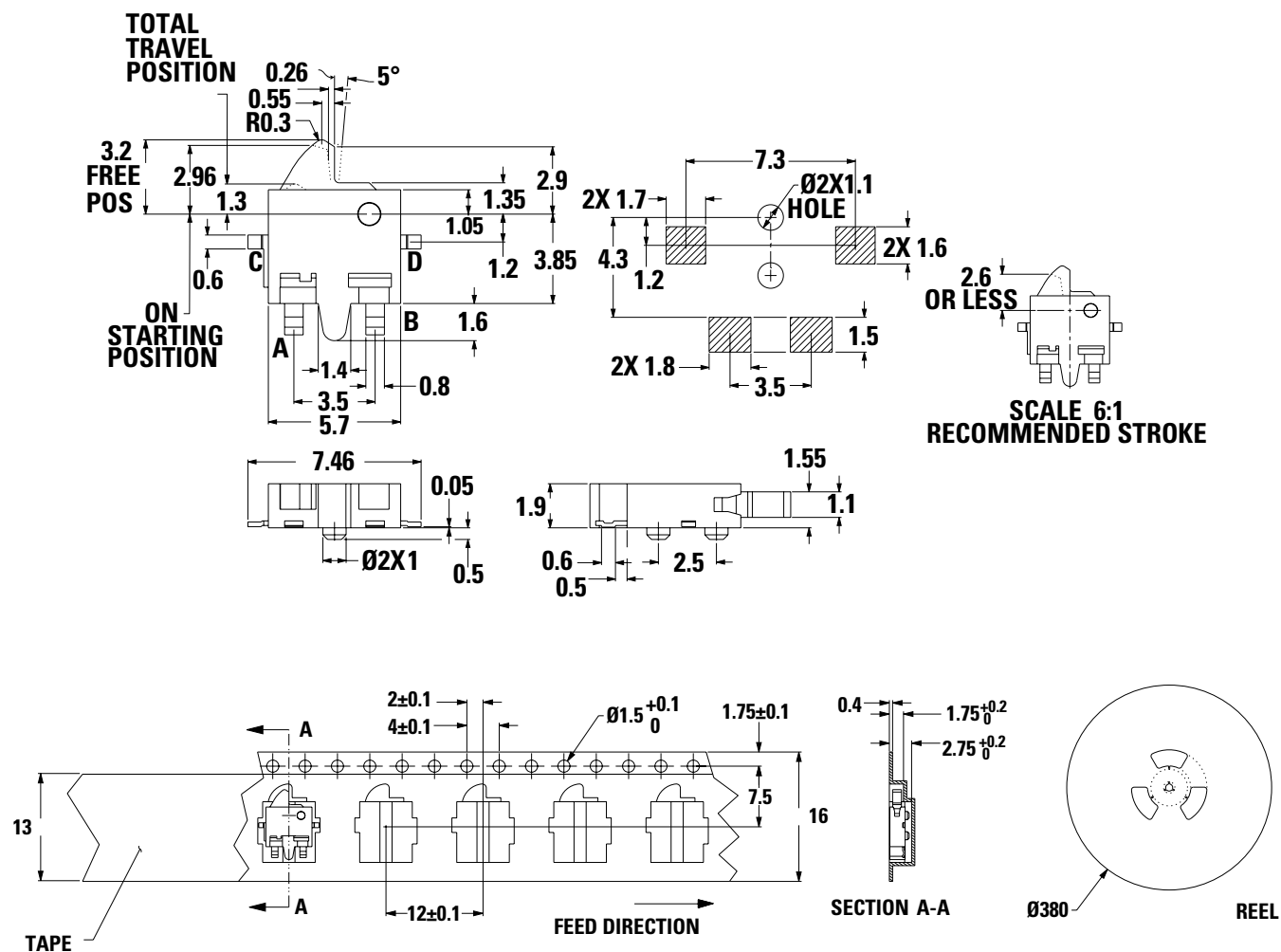


Dimensions & Packaging HDP001R



Part Number	Packaging	Schematic
HDP001R	Tape & Reel	 N.O.

Dimensions (mm)



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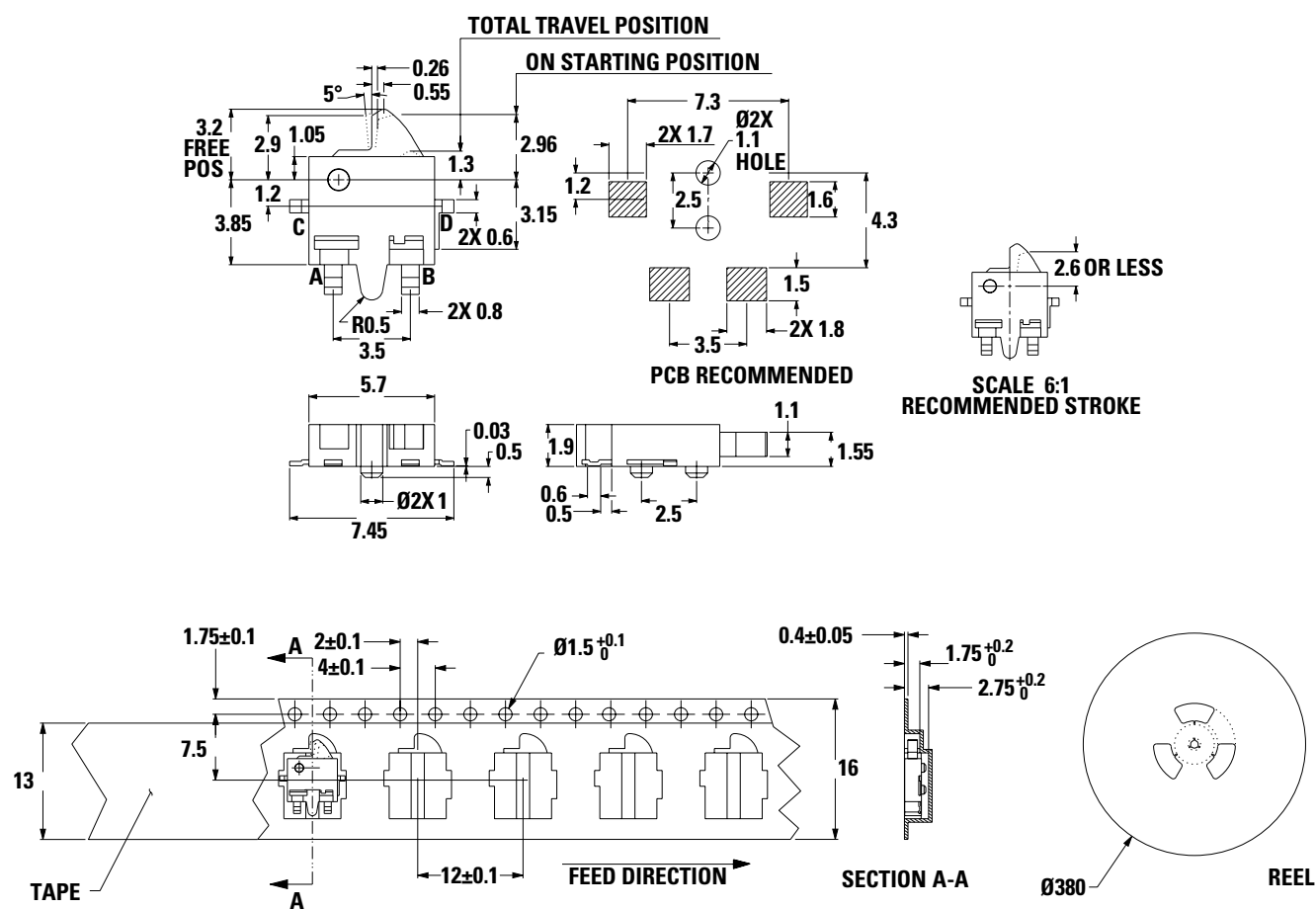


HDP001L



Part Number	Packaging	Schematic
HDP001L	Tape & Reel	 N.O.

Dimensions (mm)



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