

# DDS Series

## Micro Mini Through-hole Detect Switches



### Specifications

<b>Contact Rating</b>	0.1A @ 30 VDC
<b>Mechanical/Electrical Life</b>	50,000 cycles min.
<b>Contact Resistance</b>	150 m $\Omega$ max. initial
<b>Insulation Resistance</b>	100 M $\Omega$ min. @ 100 VDC
<b>Operating Temperature</b>	-40°C to 85°C
<b>Dielectric Strength</b>	100 volts AC @ 60 Hz
<b>Packaging</b>	Bulk

### Ordering Number

Part number list is shown below. For individual part details, please refer to the following pages.

Part Number (Part Description)	Product Details
DDS001	Micro mini through-hole detect switches top actuated
DDS002	Micro mini through-hole detect switches side actuated right
DDS003	Micro mini through-hole detect switches side actuated left
DDS004	Micro mini SMT detect switches top actuated

### Description

DDS series micro mini thru-hole detect switches feature a low actuation force (less than 40g), a choice of vertical or horizontal actuation and a 2mm overtravel feature, making them ideal for detecting the presence of a mechanical device. Typically used in the medical device and consumer electronics industries, DDS switches are known for being long-lasting and compact.

### Features & Benefits

- Vertical or horizontal actuation
- 2mm overtravel—Ideal for detector applications
- Low actuations force (less than 40 grams)
- RoHS compliant and compatible

### Applications

- Detect the presence of a mechanical device
- Medical devices
- Consumer electronic devices

### Materials

<b>Housing</b>	P.P.S.
<b>Actuator</b>	PA66
<b>Movable Contact</b>	Tin bronze, silver plated

#### Notes

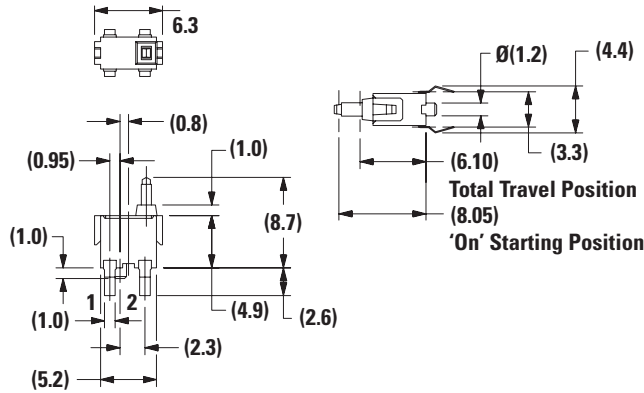
1. Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

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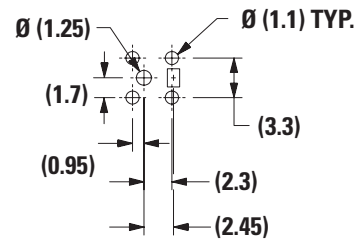
### DDS001 SPST



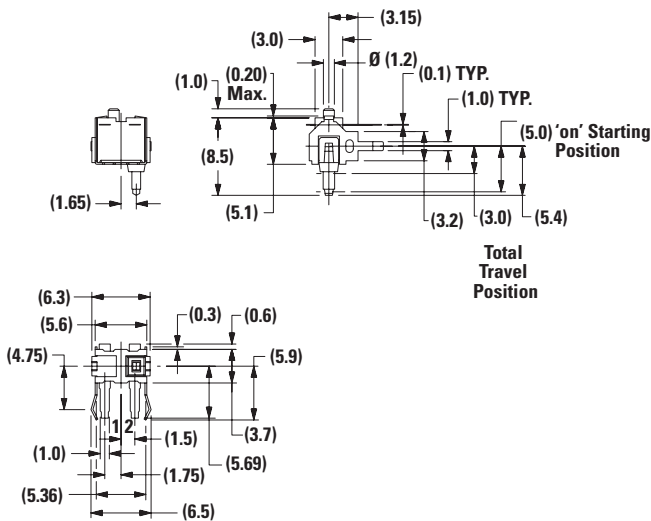
Note: Complete part numbers for DDS Series are shown above.

Part Number	Description	Schematic
DDS001	Vertical Actuator	

#### PC Mounting

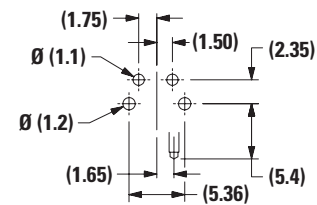


### DDS002 SPST



Part Number	Description	Schematic
DDS002	Right angle, actuator right	

#### PC Mounting

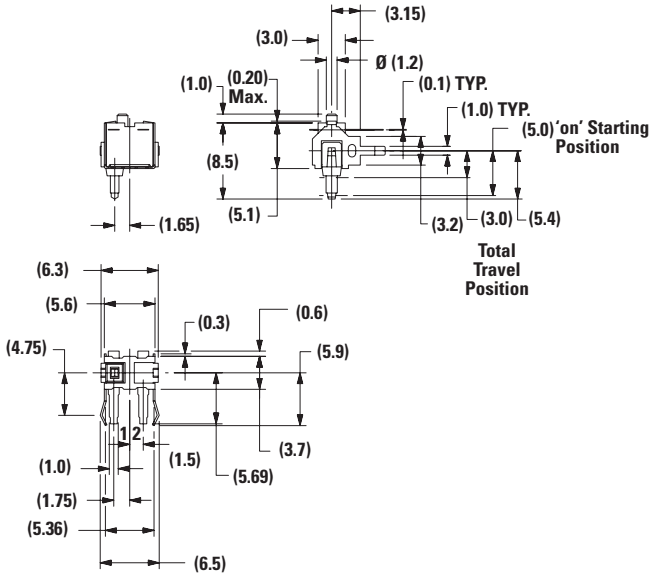


# DDS Series

## Micro Mini Through-hole Detect Switches

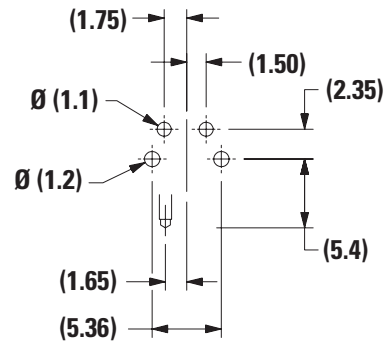


### DDS003 SPST

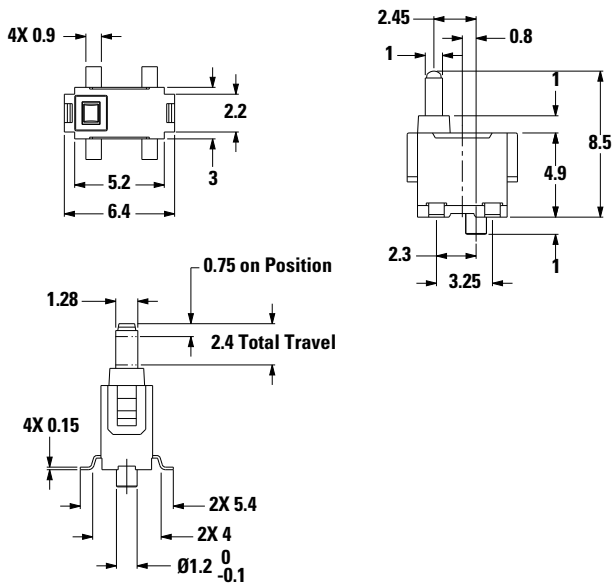


Part Number	Description	Schematic
DDS003	Right angle, actuator left	SPST N.O.

### PC Mounting

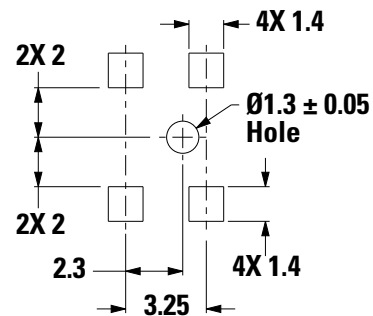


### DDS004 SPST



Part Number	Description	Schematic
DDS004	Vertical actuator	SPST N.O.

### PC Mounting



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