

# DDS Series Micro Mini Thru-hole Detect Switches



## Features/Benefits

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

## Typical Applications

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

## Specifications

CONTACT RATING: 0.1A @ 30 VDC.  
 MECHANICAL & ELECTRICAL LIFE: 50,000 cycles.  
 CONTACT RESISTANCE: 150 m Ω max. initial.  
 INSULATION RESISTANCE: 100 M Ω min. @ 100 VDC.  
 OPERATING TEMPERATURE: -25°C to +80°C.  
 DIELECTRIC STRENGTH: 100 volts AC @ 60 Hz.  
 PACKAGING: Bulk.

## Materials

HOUSING: P.P.S.  
 ACTUATOR: PA66  
 MOVABLE CONTACT: Phosphor bronze, silver plated.

**NOTE:** For the latest information regarding RoHS compliance, please go to: [www.ittcannon.com/rohs](http://www.ittcannon.com/rohs).

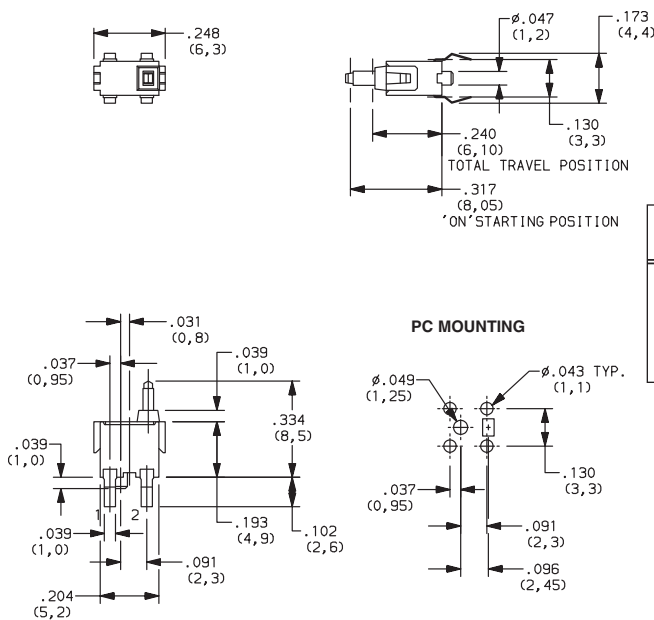
**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

## How To Order

Complete part numbers for DDS Series Switches are shown below.



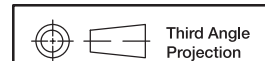
DDS001  
SPST



PART NUMBER	DESCRIPTION	SCHEMATIC
DDS001	Vertical Actuator	 SPST N.O.




Detect

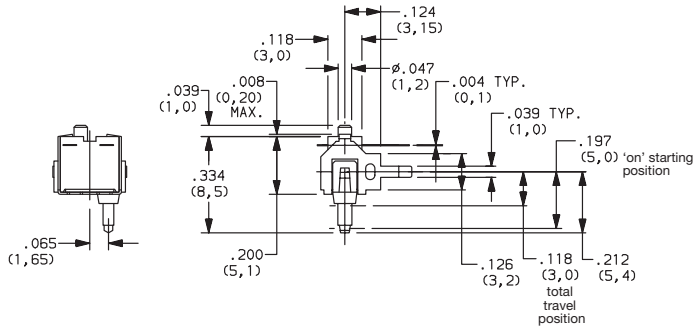


Dimensions are shown: Inches (mm)  
 Specifications and dimensions subject to change

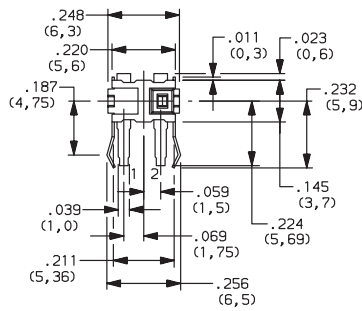
# DDS Series Micro Mini Thru-hole Detect Switches



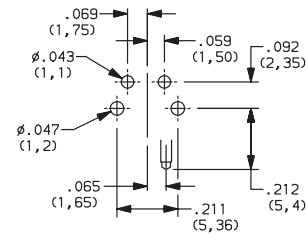
PART NUMBER	DESCRIPTION	SCHEMATIC
<b>DDS002</b>	Right angle, actuator right	 SPST N.O.




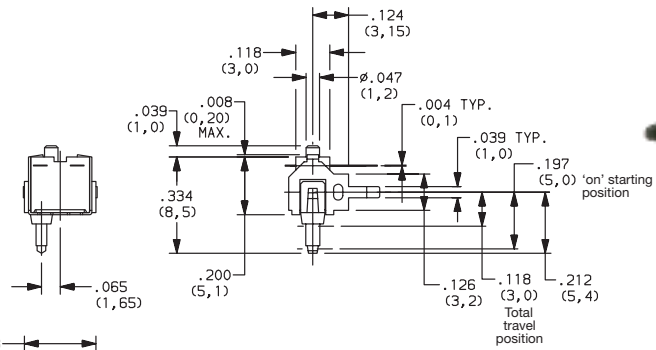
**DDS002**  
**SPST**



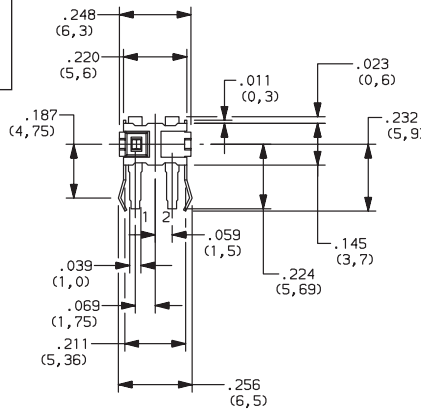
**PC MOUNTING**



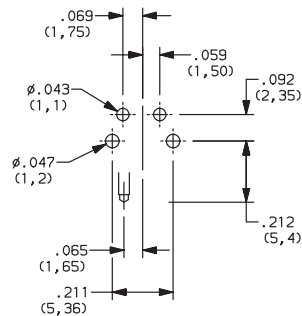
PART NUMBER	DESCRIPTION	SCHEMATIC
<b>DDS003</b>	Right angle, actuator left	 SPST N.O.



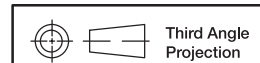
**DDS003**  
**SPST**



**PC MOUNTING**



**Detect**



Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change