

MDS Series Micro Snap-acting Detect Switches



Features/Benefits

- Snap-acting tactile feel
- Small package size
- Available in vertical or right angle PCB mount
- Long total travel of 2,9 mm
- RoHS compliant and compatible

Typical Applications

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

Specifications

CONTACT RATING: 0.3A @ 6 VDC.
MECHANICAL & ELECTRICAL LIFE: 10,000 operations.
CONTACT RESISTANCE: 200 m Ω max.
OPERATING TEMPERATURE: -25°C to +70°C.
SOLDERABILITY: Wave solder, no wash.
PACKAGING: Bulk except tape and reel 2,100
OPERATING FORCE: 65g Max.
RELEASE FORCE: 8g Min.

Materials

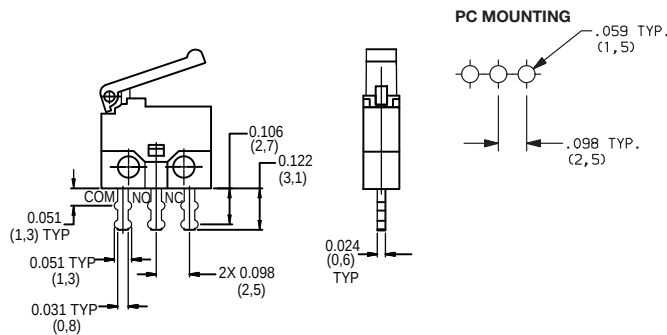
BASE: PA6T
COVER & ACTUATOR: PA46T
MOVABLE CONTACT: Copper alloy, silver plated.
STATIONARY CONTACTS: Copper alloy, silver plated.
TERMINALS: Copper alloy, tin plated.

NOTE: MDS series is RoHS compliant, and compatible. See technical data section of this catalog for RoHS compliant and compatible definitions and specifications.

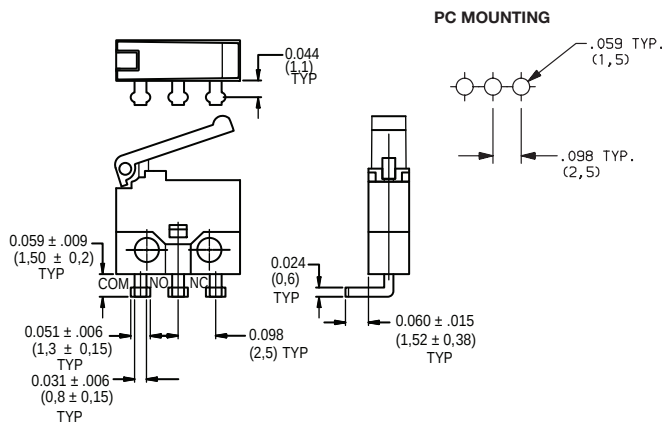
NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

How To Order

Complete part numbers for MDS Series Switches are shown below.



PART NUMBER	DESCRIPTION
MDS001C	Vertical
SCHEMATIC	COM NO NC
SPDT	



PART NUMBER	DESCRIPTION
MDS002C	Right Angle, Left bend
SCHEMATIC	COM NO NC
SPDT	

For all other dimensions see MDS001C



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



F

Detect

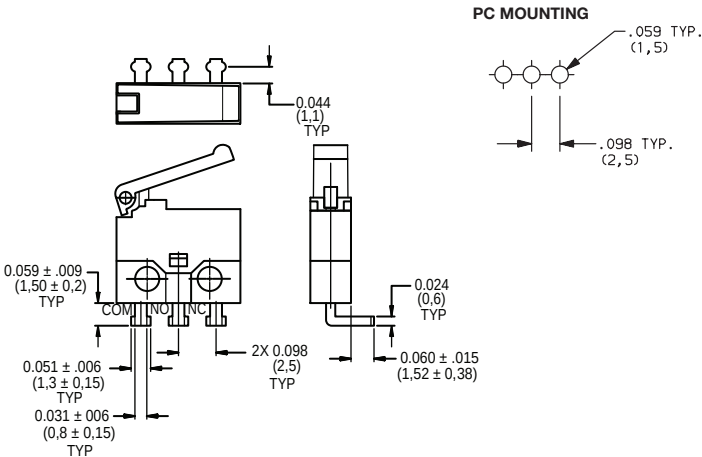
MDS Series

Micro Snap-acting Detect Switches

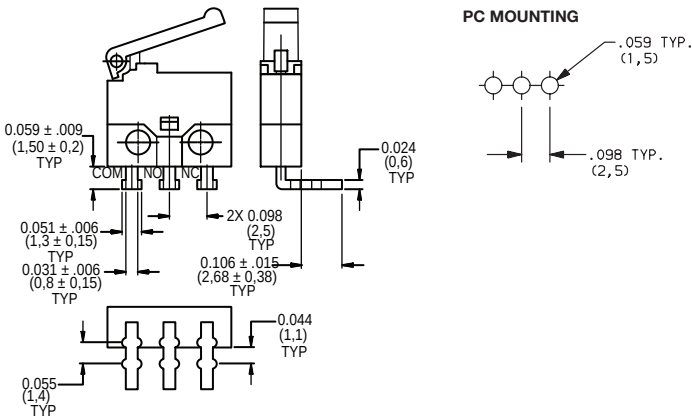


MDS003C
SPDT

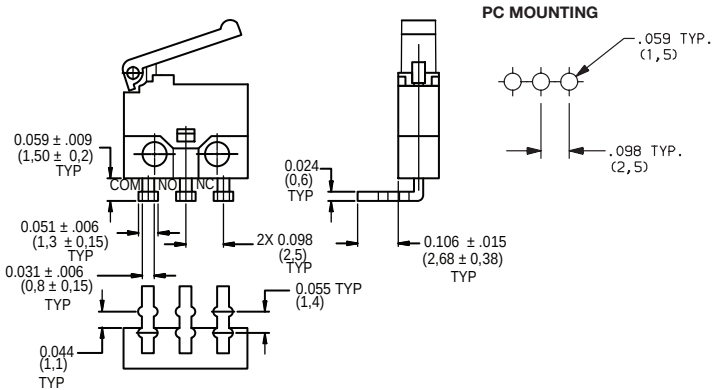
PART NUMBER	DESCRIPTION
MDS003C	Right Angle, Right bend
SCHEMATIC	
SPDT	



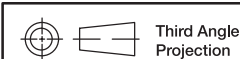
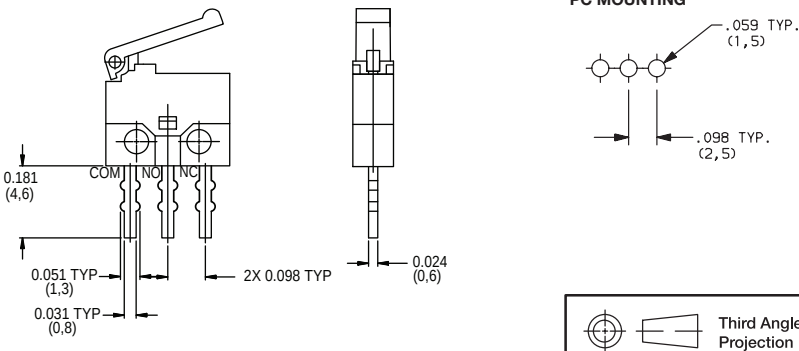
PART NUMBER	DESCRIPTION
MDS005C	Right Angle, Right bend
SCHEMATIC	
SPDT	



PART NUMBER	DESCRIPTION
MDS006C	Right Angle, Left Bend
SCHEMATIC	
SPDT	



PART NUMBER	DESCRIPTION
MDS007C	Vertical
SCHEMATIC	
SPDT	



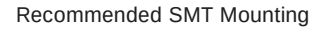
Third Angle
Projection

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

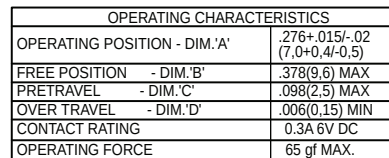
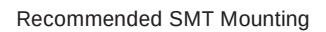


Detect
F

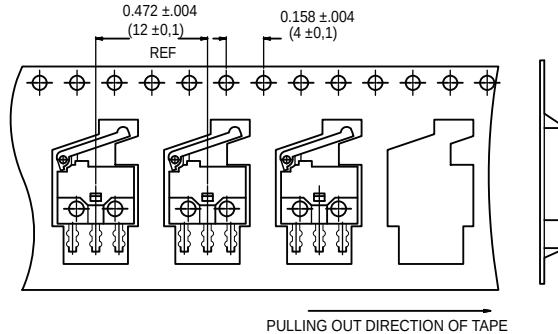
Note: Tape and Reel quantity is 2,100



Note: Tape and Reel quantity is 2,100



SMT Left



Third Angle Projection

C&K