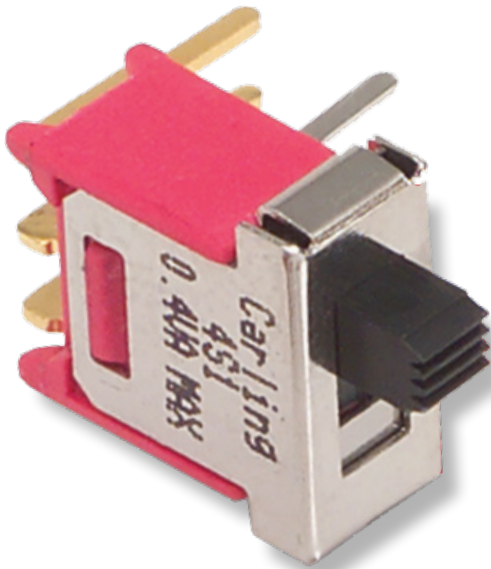
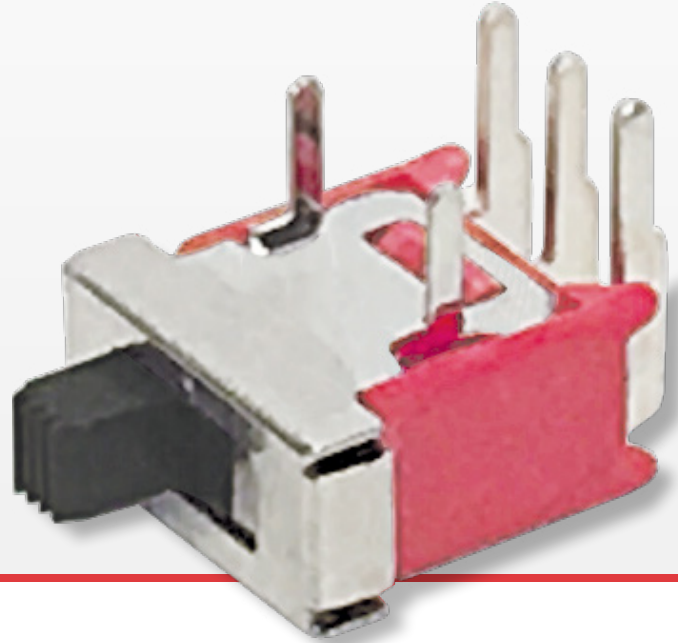


# 4S-Series

Miniature Slide Switches

[PRODUCT WEBPAGE](#)

*request sample, configure part*



The 4S-Series sub-miniature slide switches feature maintained and momentary 2 or 3 position circuits, and offer a variety of ratings, contact materials, terminal platings, and mounting styles. These switches are able to withstand temperatures from -30°C to +85°C.

<b>1</b>	<b>.4-3</b>	<b>125, 250</b>	<b>28</b>
Pole	Amps	VAC	VDC

## Typical Applications

- Consumer Electronics
- Instrumentation
- Computer Servers / Peripherals
- Test / Measurement

# Tech Specs

## Electrical

Contact Rating	refer to ordering scheme
Electrical Life	30,000 make & break cycles @ full load
Contact Resistance	10 mΩ max. initial @ 2-4 VDC 100mA for both silver & gold plated contacts
Insulation Resistance	1000 MΩ min.
Dielectric Strength	1500 Volts RMS @ sea level

## Physical

Operating Temperature	-30°C to +85°C
Solder Heat Resistance	MIL-STD-202, Method 210

## Material

Case	Dially phthalate (DAP) (UL 94V-0)
Slide Handle	Nylon
Housing	Stainless Steel
Terminal Seal	Epoxy

# Ordering Scheme

Sample Part Number **4S1 - FSP 1 - M6 Q E T/R**

Selection 1 2 3 4 5 6 7

### 1. SERIES

**4M1** Miniature Slide Switch

### 2. POLES

**FSP** Single Pole

### 3. CIRCUIT

( ) - momentary

Position:	1	2	3
	2-1	Connected Terminals	2-3
1	ON	NONE	ON
2	ON	NONE	(ON)
3	ON	OFF	ON

### 4. TERMINATION

**M2** PCB  
**M6** PC Mount, horizontal, right angle  
**M7** PC Mount, vertical, right angle  
**M7I** Snap-In, vertical, right angle

### 5. CONTACTS / TERMINALS

Contact Material	Terminal Plating	Rating
<b>G</b> silver <sup>1</sup>	gold over silver	3A 125VAC or 28VDC; 1.5A 250VAC
<b>K</b> gold <sup>2,5</sup>	tin <sup>4,7</sup>	0.4VA max 20V max (AC/DC)
<b>P</b> silver <sup>1,6</sup>	tin <sup>4,7</sup>	3A 125VAC or 28VDC; 1.5A 250VAC
<b>Q</b> silver <sup>1</sup>	silver <sup>1</sup>	3A 125VAC or 28VDC; 1.5A 250VAC
<b>R</b> gold <sup>2</sup>	gold <sup>3</sup>	0.4VA max 20V max (AC/DC)

### 6. EPOXY SEAL

**E** Epoxy Seal **0** without Epoxy Seal

### 7. PACKAGING

**T/R** tape reel - 500 pieces per reel  
 Switches are bulk packed, unless T/R is specified at the end of the part number.

#### Notes:

- Movable contact / terminal platings: silver over copper alloy
- Movable contact platings: gold over nickel over copper alloy
- Terminal platings: gold over nickel over copper alloy
- Terminal platings: tin over copper alloy, available with PC type terminations only
- Terminal contact platings: gold over nickel alloy
- Terminal contact platings: silver over nickel alloy
- Tin option available with PC type terminations only

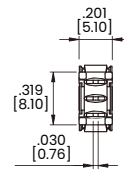
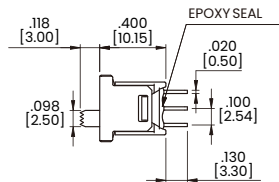
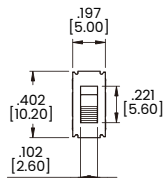
[Configure Complete Part Number >](#)

[Browse Standard Parts >](#)

# Dimensional Specs

inches [millimeters]

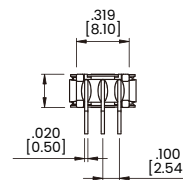
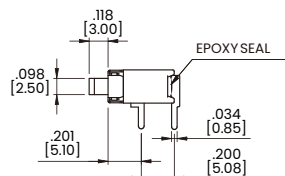
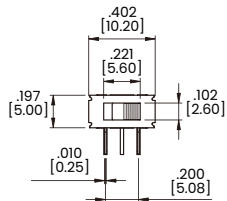
## M2 Single Pole



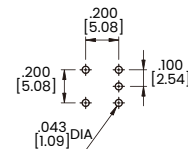
## P.C.MOUNTING



## M6 Single Pole

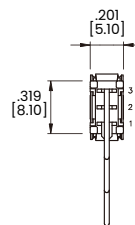
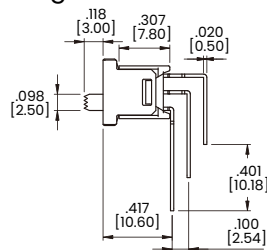
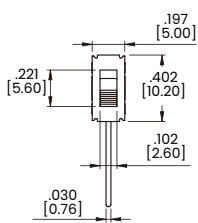


## P.C.MOUNTING

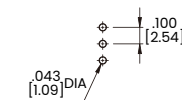


## M7 Single Pole

### M71 Snap-In Termination Single Pole



## P.C.MOUNTING



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