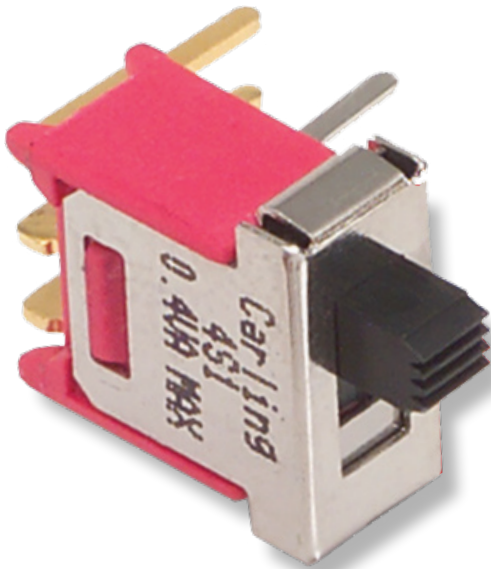
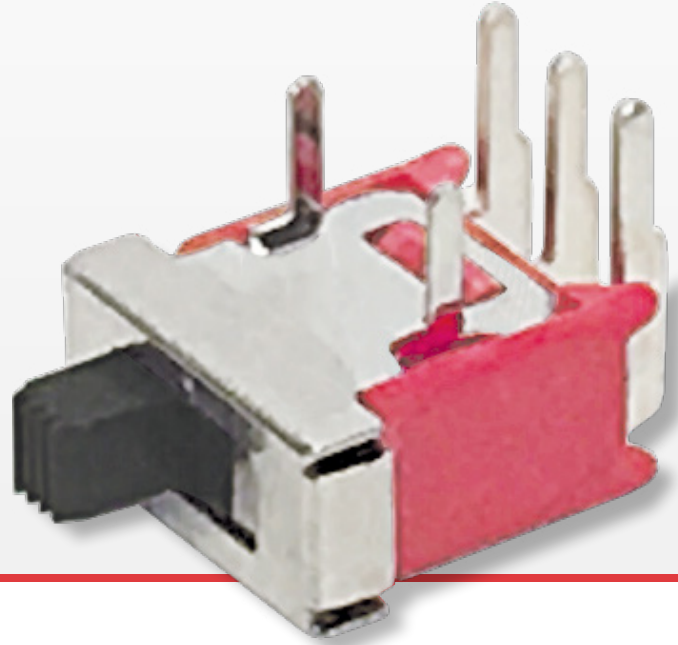


4S-Series

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.

| | | | |
|----------|-------------|-----------------|-----------|
| 1 | .4-3 | 125, 250 | 28 |
| 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 |
|--------------------------------|---------------------|---------------------------------|
| G silver ¹ | gold over silver | 3A 125VAC or 28VDC; 1.5A 250VAC |
| K gold ^{2,5} | tin ^{4,7} | 0.4VA max 20V max (AC/DC) |
| P silver ^{1,6} | tin ^{4,7} | 3A 125VAC or 28VDC; 1.5A 250VAC |
| Q silver ¹ | silver ¹ | 3A 125VAC or 28VDC; 1.5A 250VAC |
| R gold ² | gold ³ | 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

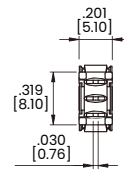
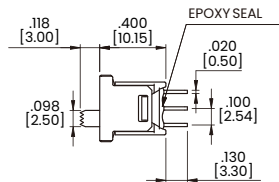
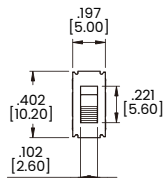
[Configure Complete Part Number >](#)

[Browse Standard Parts >](#)

Dimensional Specs

inches [millimeters]

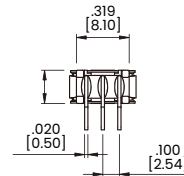
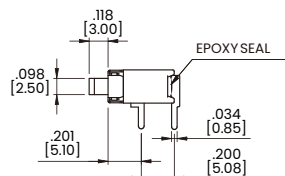
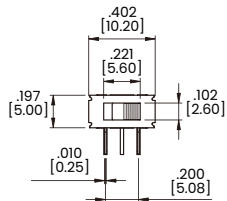
M2 Single Pole



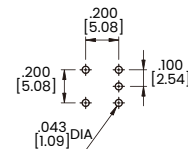
P.C.MOUNTING



M6 Single Pole

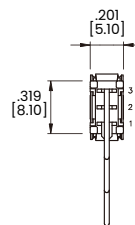
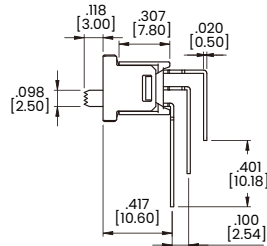
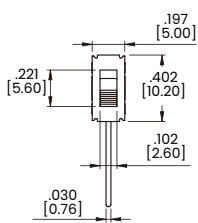


P.C.MOUNTING

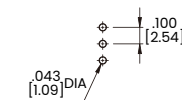


M7 Single Pole

M71 Snap-In Termination Single Pole



P.C.MOUNTING



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