

**SPECIFICATIONS:**

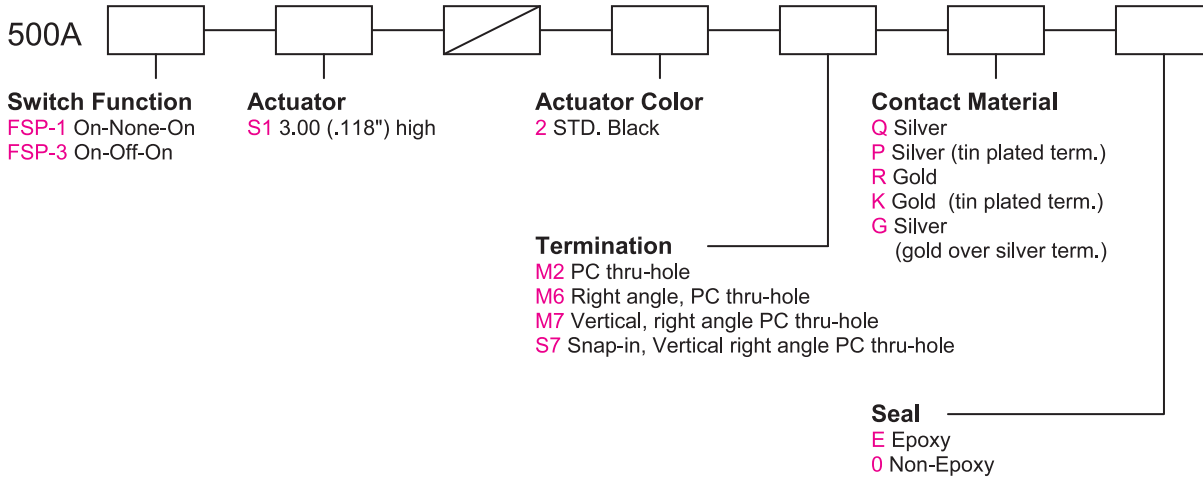
CONTACT RATING: Refer to "Contact Material Options" for more info.  
 CONTACT RESISTANCE: 20m Ω max. initial @ 2-4VDC  
 100mA for both silver and gold plated contacts.  
 ELECTRICAL LIFE: 30,000 actuations at full load.  
 INSULATION RESISTANCE: 1,000M Ω min.  
 DIELECTRIC STRENGTHS: 1,500V RMS @ sea level.  
 OPERATION TEMPERATURE:-30°C to + 85°C.

**MATERIALS:**

CASE: Diallyl phthalate(DAP)(UL 94V-0).  
 HOUSING: Brass, tin plated.  
 SLIDE HANDLE: Nylon 6/6, black standard.  
 TERMINAL SEAL: Epoxy.

If your preferred product configuration is not shown, please contact our sales representative for custom design.

**HOW TO ORDER SYSTEM**



# Series 500A

# Sub-Miniature Slide Switches

M2

P.C.MOUNTING

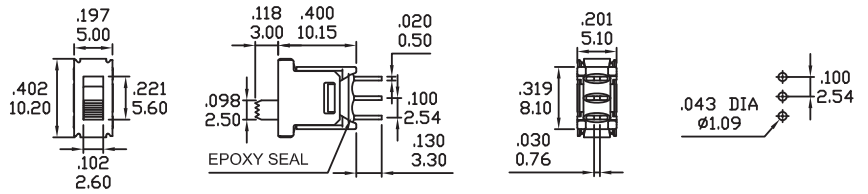


Model No.	Switching Position		
FSP-1	ON	NONE	ON
FSP-3	ON	OFF	ON
Term. Comm.	2-1	OPEN	2-3

Schematic

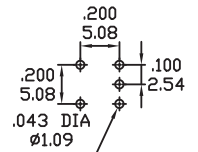
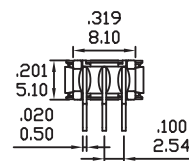
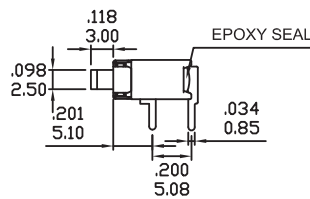
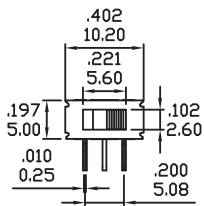
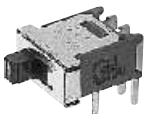


SPDT



M6

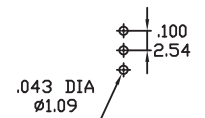
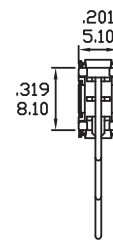
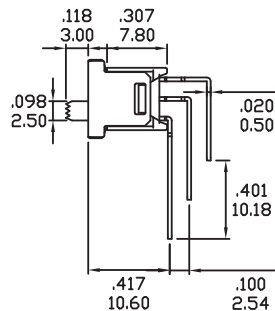
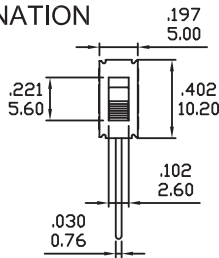
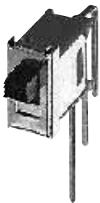
P.C.MOUNTING



SPDT

M7  
S7 SNAP-IN TERMINATION

P.C.MOUNTING



SPDT

## CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
Q	Silver <sup>1</sup>	Silver plated <sup>1</sup>	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	
P		Tin plated <sup>5/7</sup>		
R	Gold <sup>2</sup>	Gold plated <sup>4</sup>	0.4VA max @ 20V max (AC or DC)	
K		Tin plated <sup>5/6</sup>		
G	Silver <sup>1</sup>	Gold over silver <sup>3</sup>	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	

1. Movable Contact / Terminals: Copper alloy, silver plated.
2. Movable Contact: Copper alloy with gold plated over nickel plated.
3. Terminals: Silver plated with outer layer in gold plating.
4. Terminals: Copper alloy, with gold plated over nickel plated.
5. Outer Terminals: Copper alloy with pure tin plated.
6. Terminal Contact: Gold plated over nickel plated.
7. Terminal Contact: Palladium nickel alloy (or Silver) plated.