SERIES 500A SWITCHES
SLIDE SWITCHES - SUB-MINIATURE

FEATURES & BENEFITS
- Panel, SMT & PC board mountable
- Sub-miniature

APPLICATIONS/MARKETS
- Computer servers/peripherals
- Consumer electronics
- Instrumentation
- Test & measurement

SPECIFICATIONS
- Contact Rating: 2 A @ 120 VAC cULus
  1 A @ 250 VAC cULus
- Life Expectancy: 30,000 make-and-break cycles at full load
- Contact Resistance: 10 mΩ max. typical @ 2-4 VDC
  100mA for both silver and gold plated contacts
- Insulation Resistance: 1,000MΩ min.
- Dielectric Strength: 1,000 V rms at sea level
- Operating Temperature: -30°C to 85°C

MATERIALS
- Case: Diallyl phthalate (DAP)
- Housing: Stainless steel
- Slide Handle: Nylon
- Contact & Terminals: Gold or Silver plated copper alloy

HOW TO ORDER

SERIES 500A

MODEL NO.

TERMINATION

CONTACT MATERIAL

SEAL

SSP1

M2

Q = Silver

E = Epoxy

SSP3

M6

R = Gold

Sealed at

Base of

Terminal

E

Example Ordering Number
500A-SSP1-M2-R-E

Specifications subject to change without notice. 10.13.2020

SPDT

Model No.

POS 1

POS 2

POS 3

SSP-1

ON

NONE

ON

SSP-3

ON

OFF

ON

Term. Comm.

2-1

OPEN

2-3

| = Momentary

2 Comm.

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SCHEMATIC

Phone: 800-867-2717
Fax: 763-531-8235
**P.C. MOUNTING OPTIONS**

**M2**

**PC PIN**

![M2 Diagram]

**CONTACT MATERIAL OPTIONS**

**Q**

- **Fixed Terminal:** Silver plated copper alloy
- **Moving Contact:** Silver plated copper alloy
- **Rating:** 3 Amps with resistive load @ 120VAC or 28VDC
  1 Amp with resistive load @ 250VAC

**R**

- **Fixed Terminal:** Copper alloy with gold plate over nickel plate
- **Moving Contact:** Copper alloy with gold plate over nickel plate
- **Rating:** 0.4 Volt-Amps (VA) max. @ 20V max. (AC or DC)