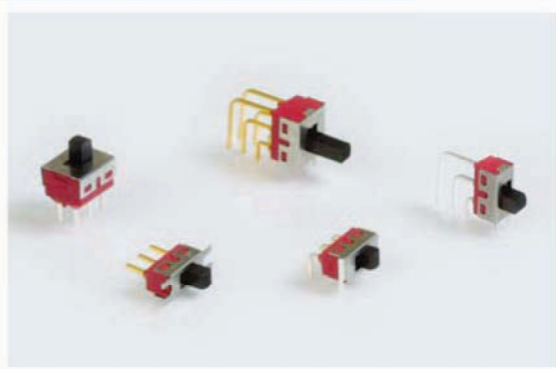




SERIES 500 SWITCHES

SLIDE SWITCHES

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

FEATURES & BENEFITS

- ▶ Single & double pole options
- ▶ Multiple actuator height options
- ▶ Panel & PC board mountable

APPLICATIONS/MARKETS

- ▶ Computer servers/peripherals
- ▶ Consumer electronics
- ▶ Instrumentation
- ▶ Test & measurement

SPECIFICATIONS

Contact Rating:	Gold, 0.4 VA @ 20 VAC or DC Silver, 5A @ 120 VAC, 2A @ 250 VAC cURus
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:	1,000 MΩ min.
Dielectric Strength:	1,000 V rms at sea level
Operating Temperature:	-30°C to 85°C

MATERIALS

Case:	Diallyl phthalate (DAP), UL 94V0
Housing:	Stainless steel
Slide Handle:	Nylon UL 94HB
Contacts:	Silver or gold plated copper alloy



HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR	TERMINATION	CONTACT MATERIAL	SEAL	MOUNTING TAB
500						
	SSP1 SSP2 SSP3	S1 S2 S3 S4	M1 M2 M3 M5-1 M5-2 M5-3 M5-4 M6 M7 VS2	Q = Silver R = Gold	E = Epoxy Sealed	A = Without Tabs B = With Tabs



Example Ordering Number
500-SSP2-S4-M1-Q-E-B

SDP1 SDP3	S1 S2 S3 S4 S5	M1 M2 M3 M5-1 M5-2 M5-3 M5-4 M6 M7 VS2	Q = Silver R = Gold	E = Epoxy Sealed	A = Without Tabs B = With Tabs



Example Ordering Number
500-SDP1-S1-M6-R-E-A

Specifications subject to change without notice.

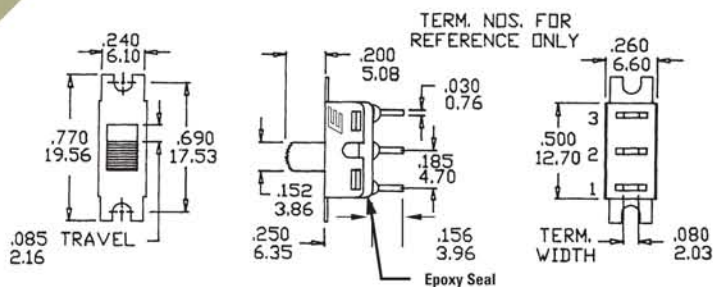


SPDT



2 Comm.
1 3

SCHEMATIC



Model No.	POS 1	POS 2	POS 3
SSP-1	ON	NONE	ON
SSP-2	ON	NONE	(ON)
SSP-3	ON	OFF	ON
Term. Comm.	2-1	OPEN	2-3

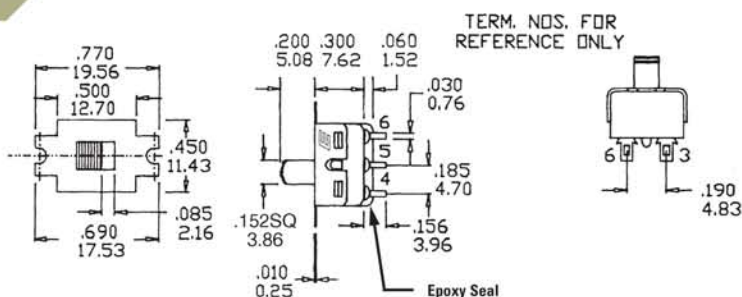
() = Momentary

DPDT



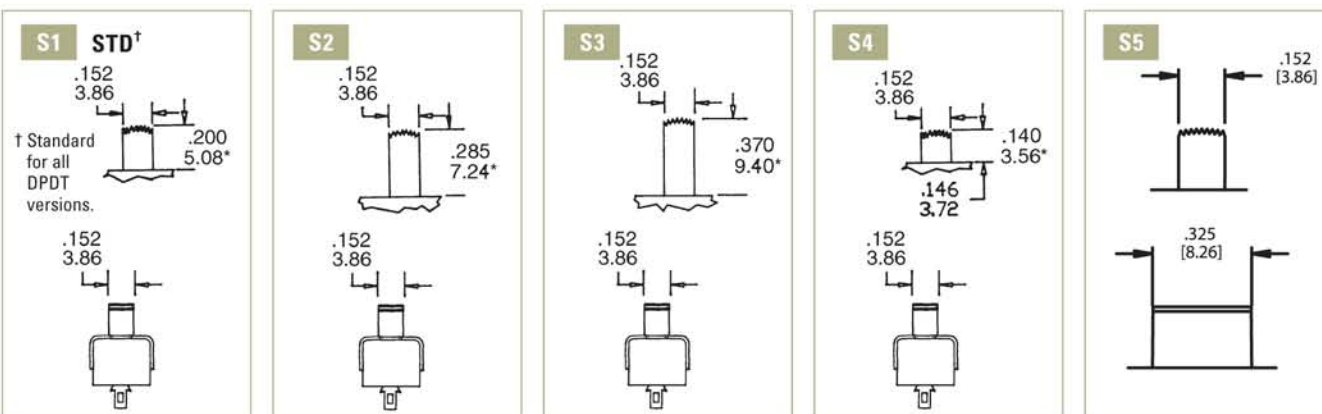
2 Comm. 5 Comm.
1 3 4 6

SCHEMATIC



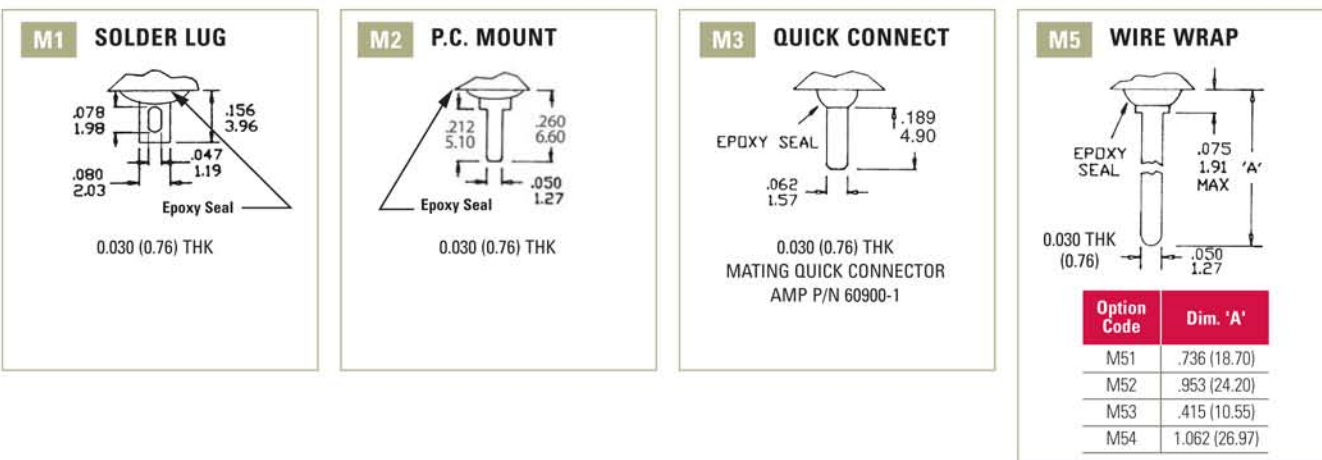
Model No.	POS 1	POS 2	POS 3
SDP-1	ON	NONE	ON
SDP-3	ON	OFF	ON
Term. Comm.	2-1, 5-4	OPEN	2-3, 5-6

ACTUATOR OPTIONS



* Subtract 0.012 (0.301) from actuator height for M6, M7 PC mounting options.

TERMINATION OPTIONS



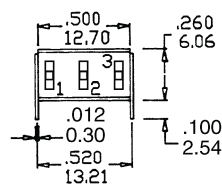
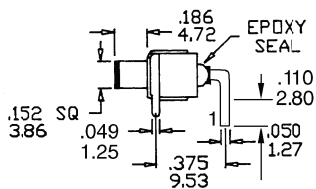
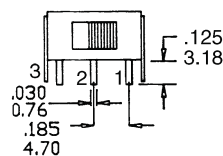
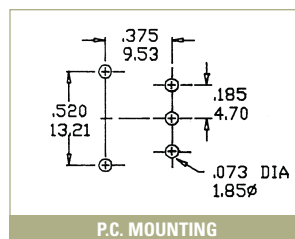
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES 500 SWITCHES

SLIDE SWITCHES

M6

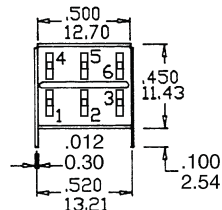
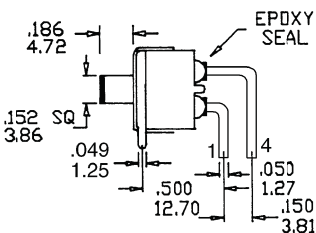
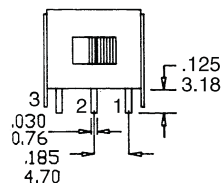
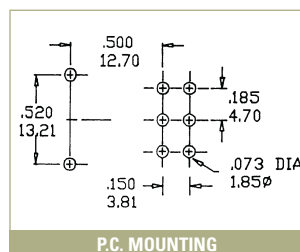
SPDT

TERM. NOS. FOR
REFERENCE ONLY

P.C. MOUNTING

M6

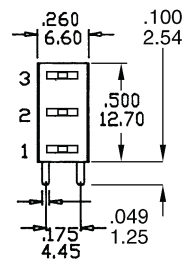
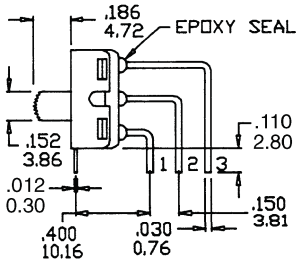
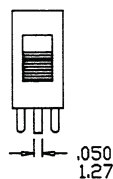
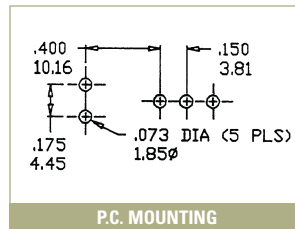
DPDT

TERM. NOS. FOR
REFERENCE ONLY

P.C. MOUNTING

M7

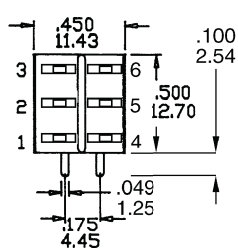
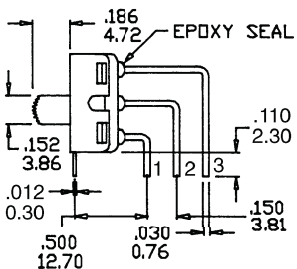
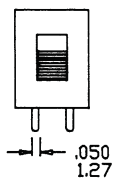
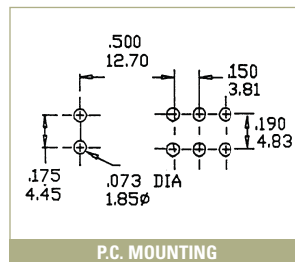
SPDT

TERM. NOS. FOR
REFERENCE ONLY

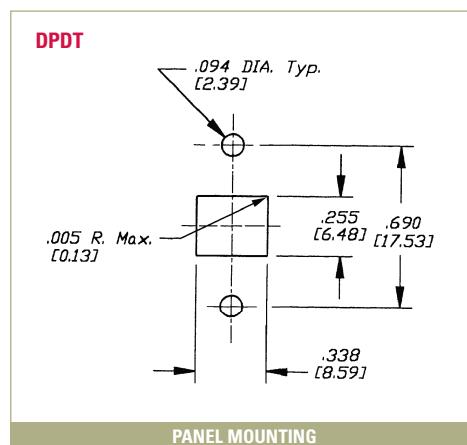
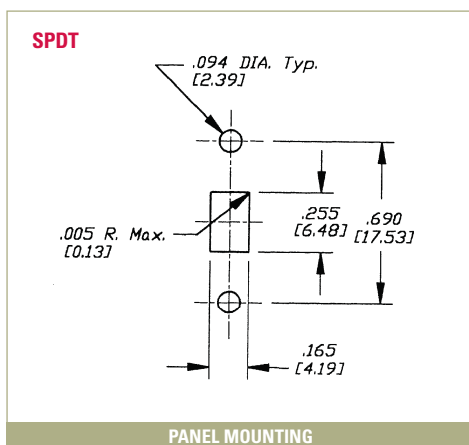
P.C. MOUNTING

M7

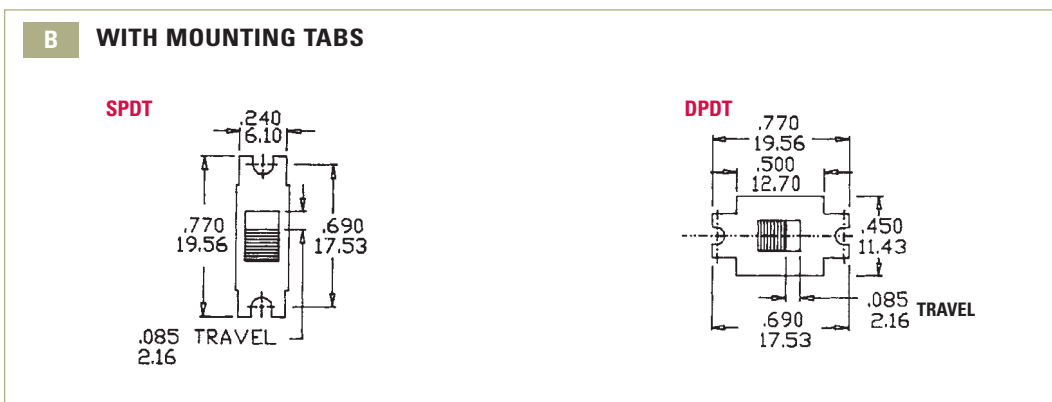
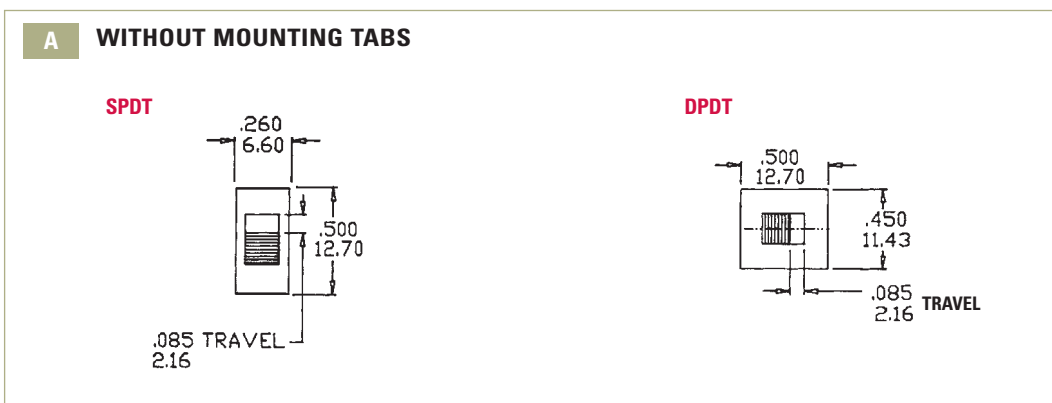
DPDT

TERM. NOS. FOR
REFERENCE ONLY

P.C. MOUNTING



MOUNTING TABS



CONTACT MATERIAL OPTIONS

Q

Fixed Terminal:	Silver plated copper alloy
Moving Contact:	Silver plated copper alloy
Rating:	5 Amps with resistive load @ 120VAC or 28VDC 2 Amps 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)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

[500SSP1S2M6QEA](#) [500SSP3S1M2QEA](#) [500SSP1S1M7REA](#) [500SSP1S1M1QEB](#) [500SSP3S1M7REA](#)
[500SSP1S3M6QEA](#) [500SSP1S2M7QEA](#) [500SSP1S1M6QEA](#) [500SSP1S1M2QEA](#) [500SSP1S1M6REA](#)
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