



SERIES 500 SWITCHES

SLIDE SWITCHES

TACT SWITCHES

NAVIGATION SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

ROCKER SWITCHES

SLIDE SWITCHES

SNAP-ACTION SWITCHES

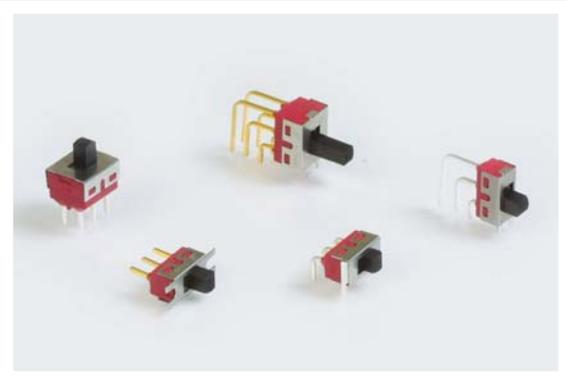
DIP SWITCHES

KEYLOCK SWITCHES

ROTARY SWITCHES

DETECTOR SWITCHES

CAP OPTIONS



SPECIFICATIONS

Contact Rating:	Gold, 0.4 VA @ 20 VAC or DC Silver, 5A @ 120 VAC, 2A @ 250 VAC
Life Expectancy:	6,000 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:	-40°C to 85°C

FEATURES & BENEFITS

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

APPLICATIONS/MARKETS

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

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

Specifications subject to change without notice. 2.11.2025

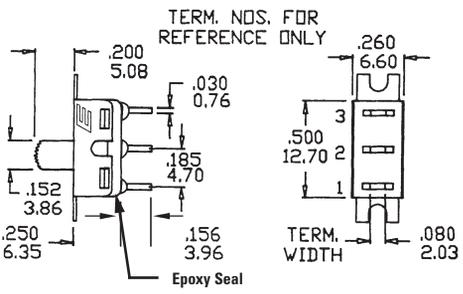
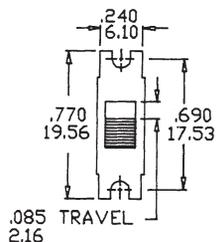


SPDT



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

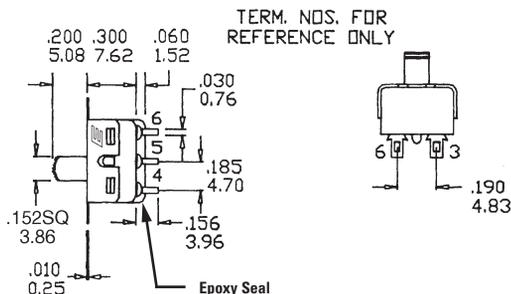
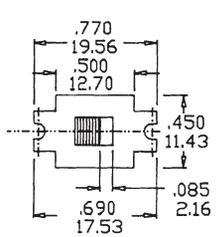
() = Momentary

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

S1 STD†

Dimensions: .152 (3.86), .200 (5.08)*

† Standard for all DPDT versions.

S2

Dimensions: .152 (3.86), .285 (7.24)*

S3

Dimensions: .152 (3.86), .370 (9.40)*

S4

Dimensions: .152 (3.86), .140 (3.56)*, .146 (3.72)

S5

Dimensions: .152 (3.86), .325 (8.26)

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

TERMINATION OPTIONS

M1 SOLDER LUG

Dimensions: .078 (1.98), .156 (3.96), .047 (1.19), .080 (2.03)

Epoxy Seal

0.030 (0.76) THK

M2 P.C. MOUNT

Dimensions: .212 (5.10), .260 (6.60), .050 (1.27)

Epoxy Seal

0.030 (0.76) THK

M3 QUICK CONNECT

Dimensions: .189 (4.90), .062 (1.57)

EPOXY SEAL

0.030 (0.76) THK
MATING QUICK CONNECTOR
AMP P/N 60900-1

M5 WIRE WRAP

Dimensions: .075 (1.91) MAX 'A', .050 (1.27)

EPOXY SEAL

0.030 THK (0.76)

Option Code	Dim. 'A'
M51	.736 (18.70)
M52	.953 (24.20)
M53	.415 (10.55)
M54	1.062 (26.97)

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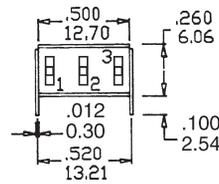
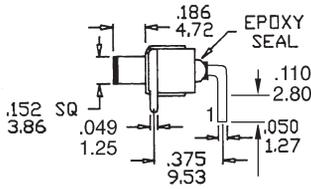
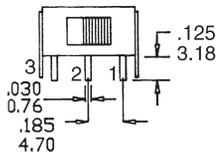
ROTARY SWITCHES

DETECTOR SWITCHES

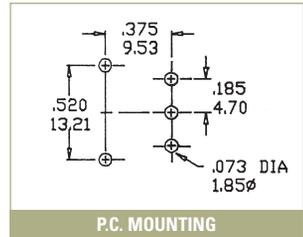
CAP OPTIONS

M6

SPDT



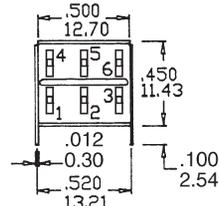
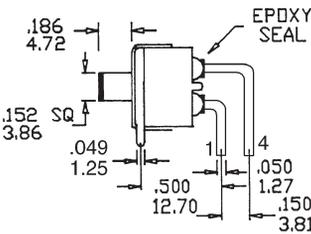
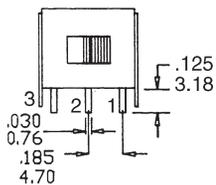
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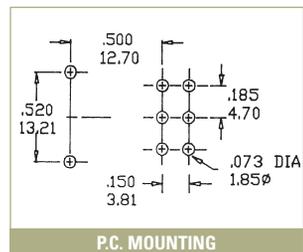
P.C. MOUNTING

M6

DPDT



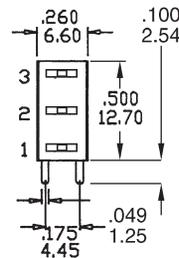
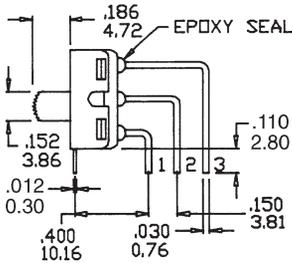
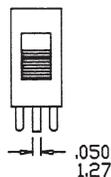
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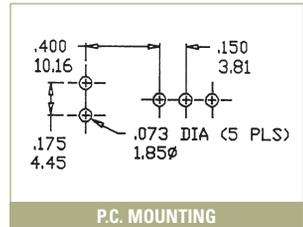
P.C. MOUNTING

M7

SPDT



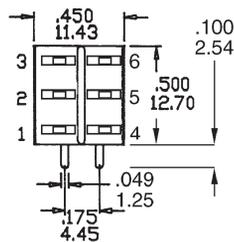
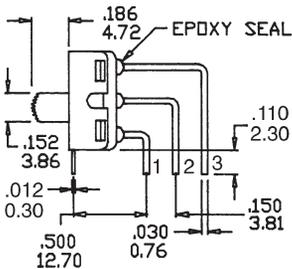
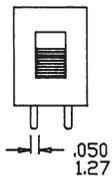
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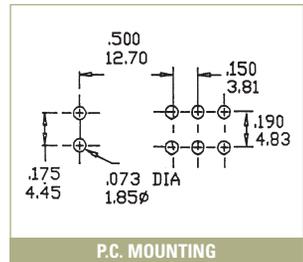
P.C. MOUNTING

M7

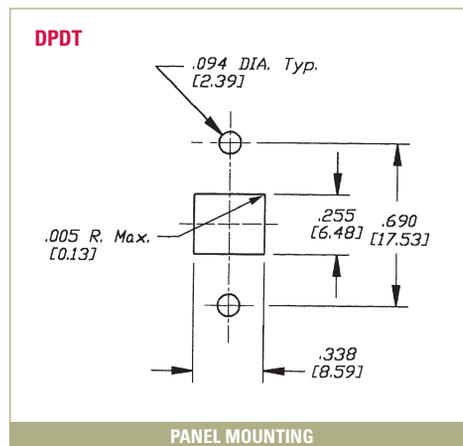
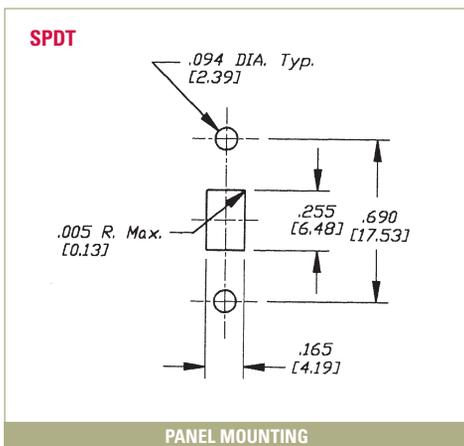
DPDT



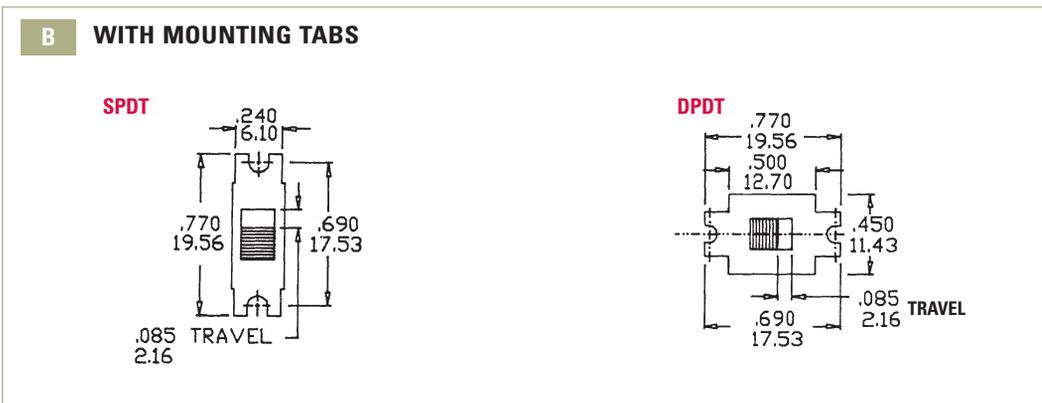
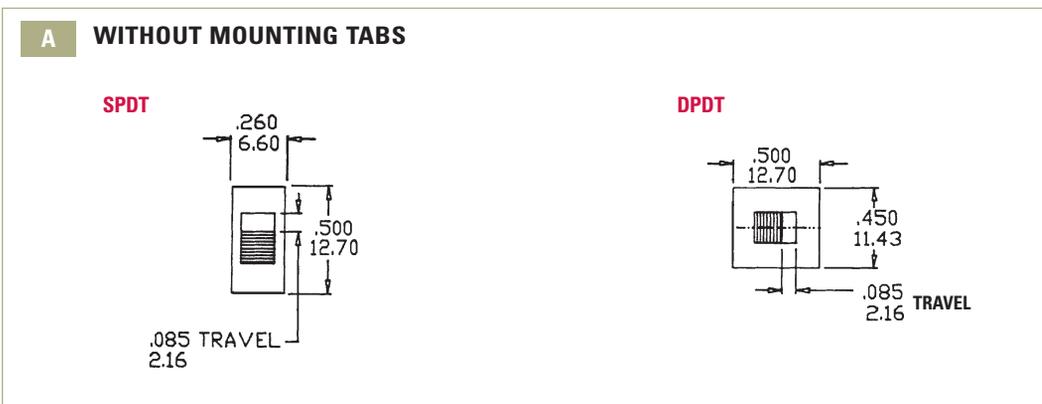
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P.C. MOUNTING



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)