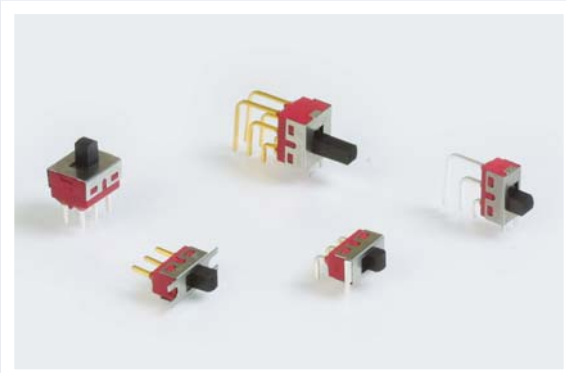


SERIES 500 SWITCHES

SLIDE SWITCHES



SPECIFICATIONS

Contact Rating:	Gold, 0.4 VA @ 20 VAC or DC Silver, 5A @ 120 VAC, 2A @ 250 VAC
Life Expectancy:	50,000 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

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

Example Ordering Number

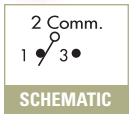
500–SDP1–S1–M6–R–E–A

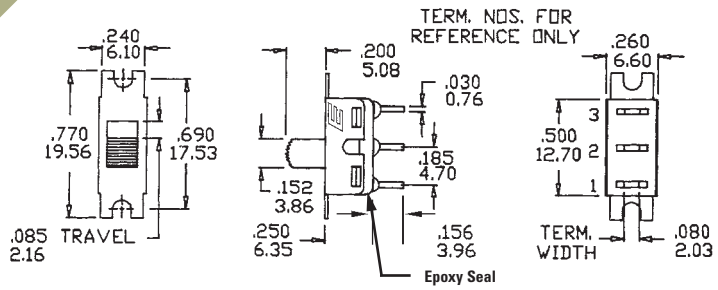
Specifications subject to change without notice.10.18.2022

E•SWITCH®
Phone: 800-867-2717
Fax: 763-531-8235

SPDT





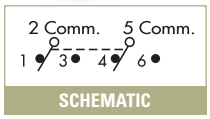


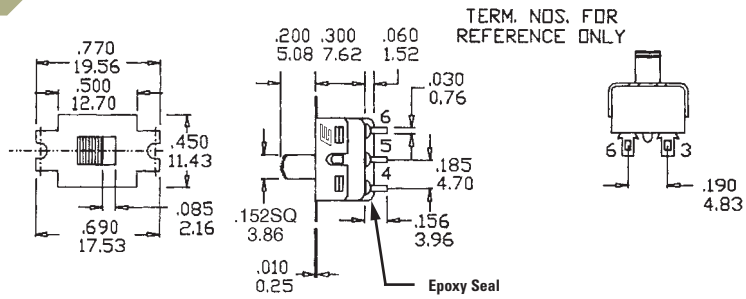
Model No.	POS 1	POS 2	POS 3
SSP-1	ON	NONE	ON
SSP-2	ON	NONE	(ON)
SSP-3	ON	OFF	ON
Term. Comm.	2-1	OPEN	2-3

( ) = Momentary

DPDT



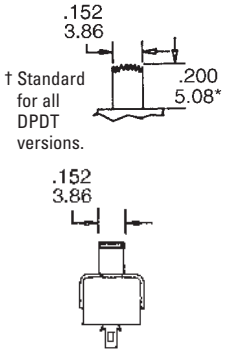




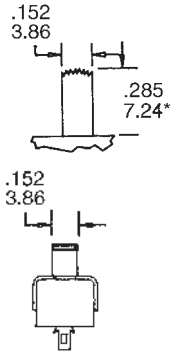
Model No.	POS 1	POS 2	POS 3
SDP-1	ON	NONE	ON
SDP-3	ON	OFF	ON
Term. Comm.	2-1, 5-4	OPEN	2-3, 5-6

ACTUATOR OPTIONS

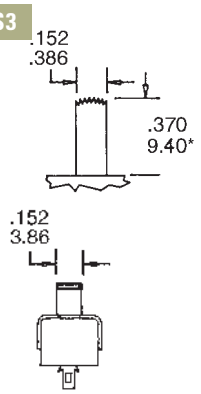
S1 STD†



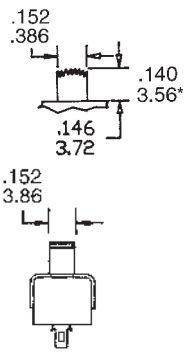
S2



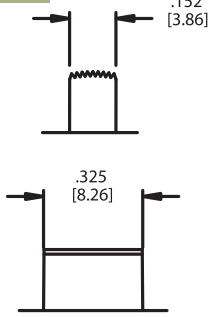
S3



S4



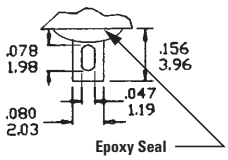
S5



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

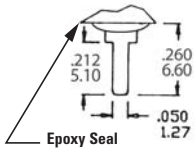
TERMINATION OPTIONS

M1 SOLDER LUG



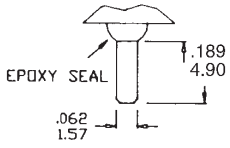
0.030 (0.76) THK

M2 P.C. MOUNT



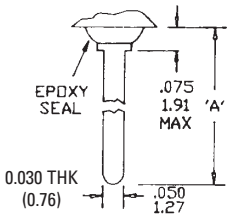
0.030 (0.76) THK

M3 QUICK CONNECT



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

M5 WIRE WRAP

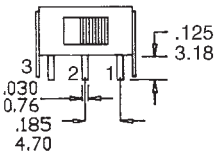


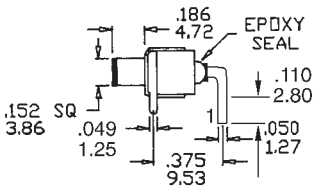
Option Code	Dim. 'A'
M51	.736 (18.70)
M52	.953 (24.20)
M53	.415 (10.55)
M54	1.062 (26.97)

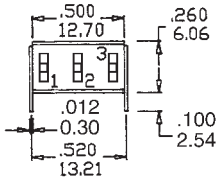
M6

SPDT

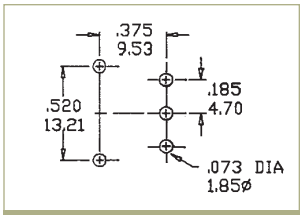








TERM. NOS. FOR REFERENCE ONLY

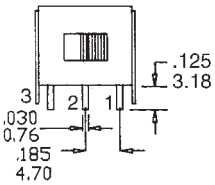


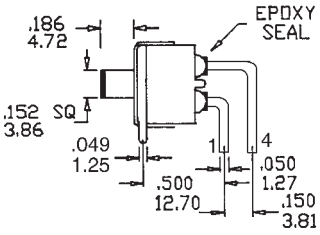
P.C. MOUNTING

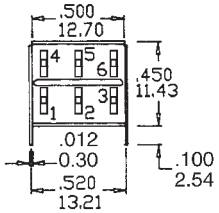
M6

DPDT

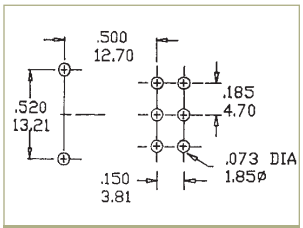








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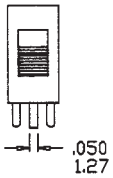


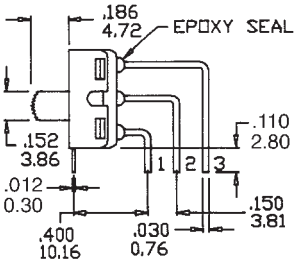
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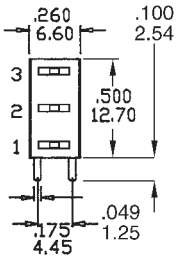
M7

SPDT

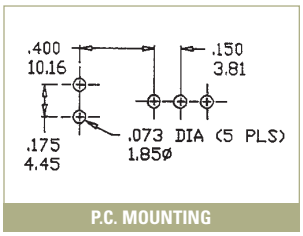








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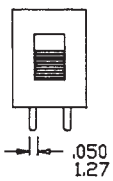


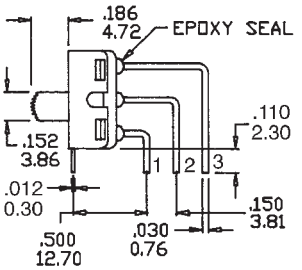
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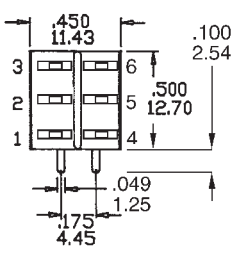
M7

DPDT

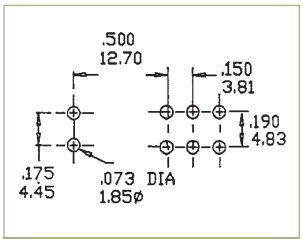






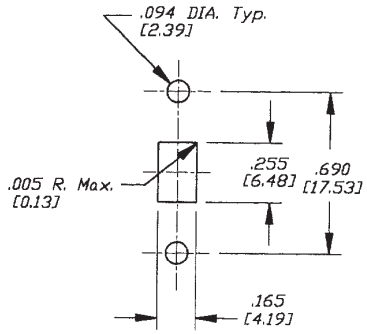


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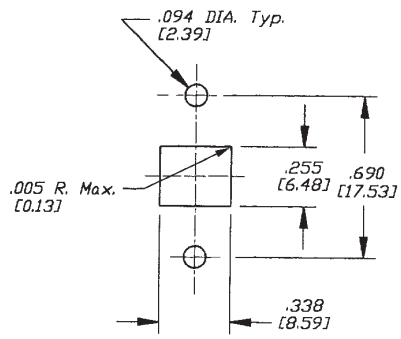
P.C. MOUNTING

SPDT



PANEL MOUNTING

DPDT

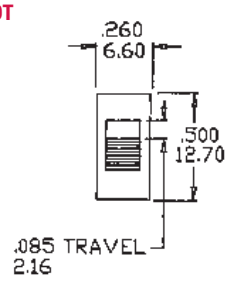


PANEL MOUNTING

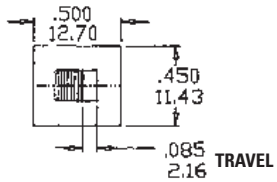
MOUNTING TABS

A WITHOUT MOUNTING TABS

SPDT

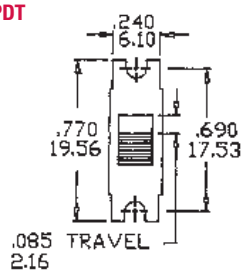


DPDT

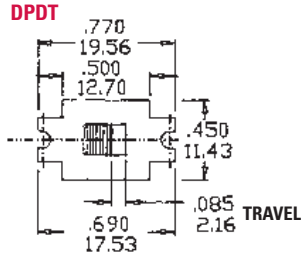


B WITH MOUNTING TABS

SPDT



DPDT



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)