TOGGLE SWITCHES - SUB MINIATURE



FEATURES & BENEFITS	APPLICATIONS/	MARKETS

- ► Variety of switching functions
- ► Sub-miniature
- ► Multiple actuator & bushing options
- APPLICATIONS/MARKETS
- ► Telecommunications
- ► Instrumentation Networking
- ► Medical equipment

SPECIFICATIONS	
Contact Rating:	Dependent upon contact material
Life Expectancy:	30,000 make-and-break cycles at full load
Contact Resistance:	$20~m\Omega$ max. typical initial @ 2-4 VDC $100~mA$ for both silver and gold plated contacts
Insulation Resistance:	1,000 MΩ min.
Dielectric Strength:	1,000 V RMS @ sea level
Operating Temperature:	-30° C to 85° C

MATERIALS	
Case:	Diallyl Phthalate (DAP) or glass filled nylon (UL94-V0)
Toggle Handle:	Brass, chrome plated
Bushing:	Brass, nickel plated
Housing:	Stainless steel
Switch Support:	Brass, tin plated
Contacts / Terminals:	Silver or gold plated copper alloy

HOW TO ORDER HARDWARE SERIES MODEL NO ACTUATOR BUSHING TERMINATION SEAL E 200 T1 В1 M1 MSP1 Q = SilverE = EpoxyH = HardwareMSP2 T2 B2 M2 R = GoldSealed at MSP3 ТЗ ВЗ M6 Base of MSP4 T4 В4 M7 Terminal MSP5 T5 В5 VS2 MSP6* B6 MDP1 В7 MDP2 В8 MDP3

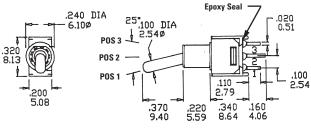
Example Ordering Number 200-MSP1-T4-B5-M1-R-E-H *MSP6 - not available with M1, M6 & M7 termination

Specifications subject to change without notice.

SPDT







.060 1.52

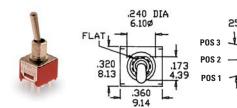
Model No.	POS 1	POS 2	POS 3
MSP-1	ON	NONE	ON
MSP-2	ON	NONE	(ON)
MSP-3	ON	OFF	ON
MSP-4	(ON)	OFF	(ON)
MSP-5	ON	OFF	(ON)
Term. Comm.	2 - 3	OPEN	2 - 1
MSP-6	OFF	NONE	ON
Term. Comm.	OPEN	NONE	3 -1

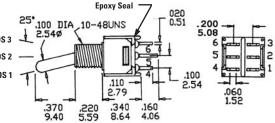
() = Momentary

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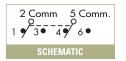
DPDT



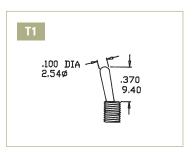


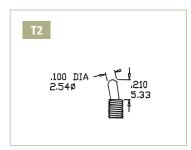
Model No.	POS 1	POS 2	POS 3
MDP-1	ON	NONE	ON
MDP-2	ON	NONE	(ON)
MDP-3	ON	OFF	ON
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4

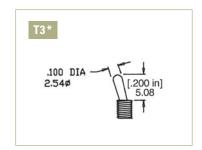
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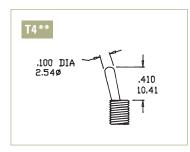


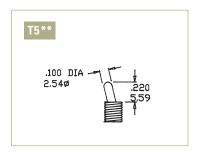
ACTUATOR OPTIONS





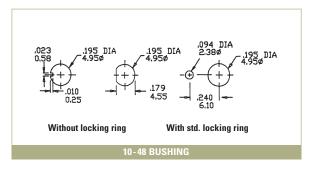


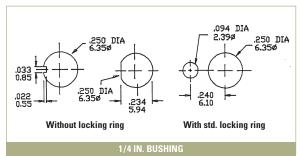




- * Actuator shown with B1, B2, B3, or B4 bushing; subtract 0.09 (2.29) for B5, B6 bushing. Subtract 0.040 (1.02) for B7, B8 bushing.
- ** Actuator shown with B5, B6 bushing; add 0.09 (2.29) for B1, B2, B3, and B4 bushing. Add 0.50 (1.27) for B7, B8 bushing.

PANEL MOUNTING





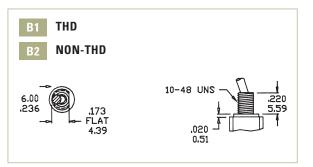
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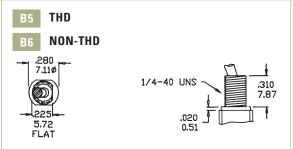
TACT

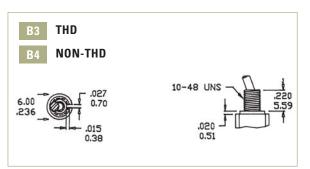
NAVIGATION SWITCHES

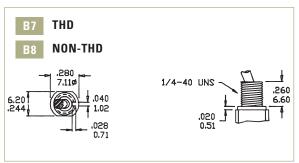
> PUSHBUTTON SWITCHES

BUSHING OPTIONS

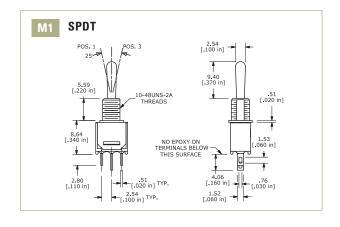


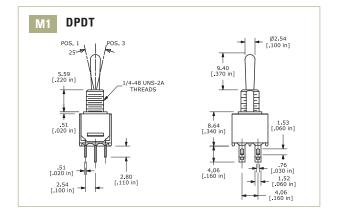


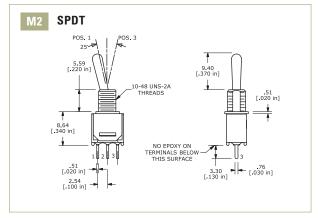


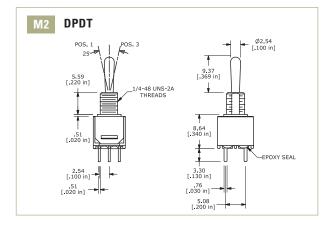


TERMINATION OPTIONS









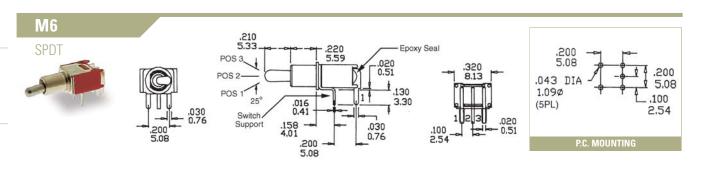
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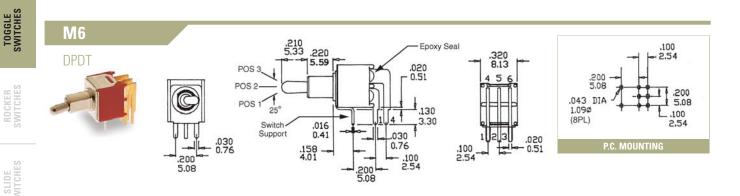
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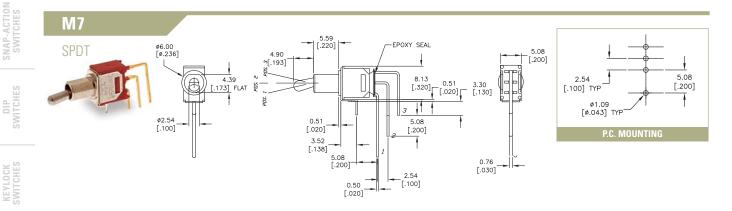
PUSHBUTTON SWITCHES

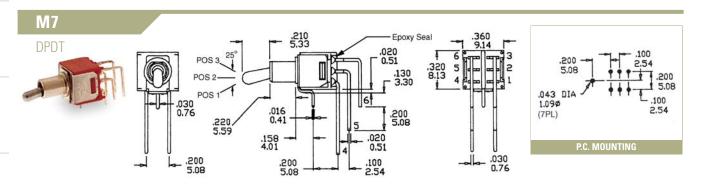
SERIES 200 SWITCHES

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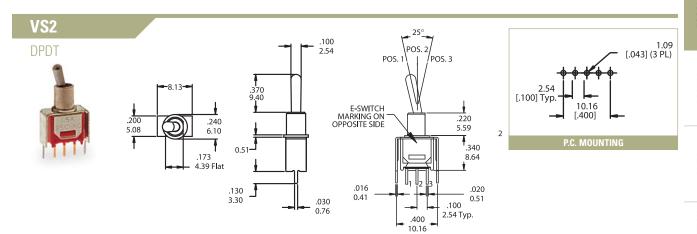






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Phone: 800-867-2717 Fax: 763-531-8235 VS₂ POS 1 POS 2 POS 3 .043 DIA __1.09ø **SPDT** .210 5.33 .100 .220 5.59 .352 8.94 130 .030 0.76 .016 0.41 Epoxy Seal -.020 0.51 200 5.08 .400 -10.16 .100 2.54



CONTACT MATERIAL OPTIONS

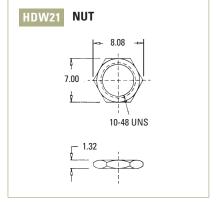
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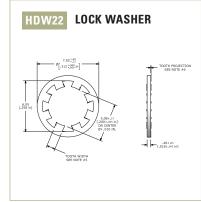
Fixed Terminal:	Silver plated copper alloy
Moving Contact:	Silver plated copper alloy
Rating:	3 Amps @ 120 VAC or 28 VDC; 1 Amp @ 250 VAC

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Fixed Terminal:	Copper alloy with gold plate over nickel plate
Moving Contact:	Copper alloy with gold plate over nickel plate
Rating:	0.4 VA max. @ 20 VAC or DC max.

HARDWARE





Mouser Electronics

Authorized Distributor

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

E-Switch:

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200MDP3T1B1M1QEH 200MDP3T1B1M2QEH 200MSP3T1B1M1QEH 200MSP5T1B1M1QEH
200MSP1T3B2M2QE 200MSP3T1B2M2RE 200MSP1T3B2M2RE 200MSP1T2B2M7RE 200MSP3T1B1M2QEH
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