

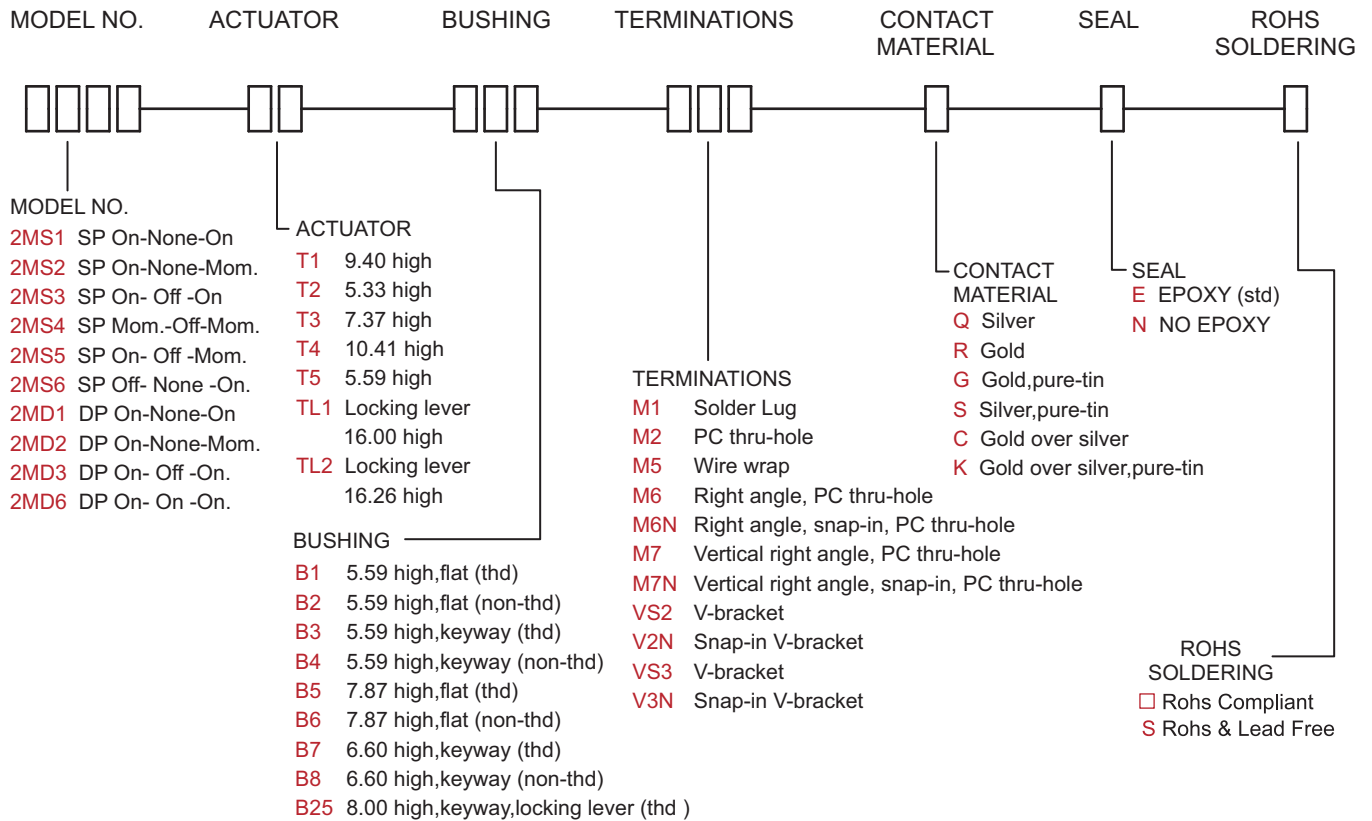
SPECIFICATIONS

- CONTACT RATING:** Dependent upon contact material See Page 25.
- MECHANICAL LIFE:** 30,000 make-and-break cycles.
- CONTACT RESISTANCE:** 20mΩ max. initial @ 2-4VDC
100mA for both silver and gold plated contacts.
- INSULATION RESISTANCE:** 1,000MΩ min.
- DIELECTRIC STRENGTH:** 1,000 V RMS@sea level.
- OPERATING TEMPERATURE:** -30°C to 85°C.

MATERIALS

- CASE:** Diallyl phthalate (DAP) (UL94v-0).
- ACTUATOR:** Brass,chrome plated.
- BUSHING:** Brass,nickel plated.
- HOUSING:** Stainless Steel.
- SWITCH SUPPORT:** Brass,tin plated.
- TERMINAL/CONTACT:** Brass,with Silver or gold plated.(See Page 31)

HOW TO ORDER

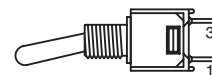
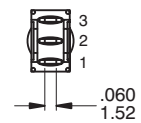
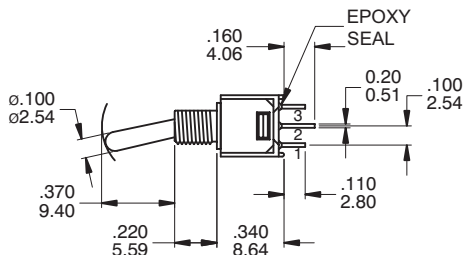
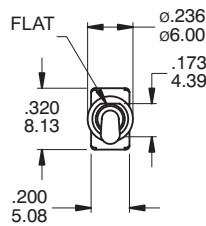


SWITCH FUNCTION

NO. POLES	UL/CSA MODEL NO.	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
			POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	Q2211	2MS1	ON	NONE	ON	2-3	N/A	2-1
	Q2212	2MS2	ON	NONE	MOM			
	Q2213	2MS3	ON	OFF	ON		OPEN	
	Q2214	2MS4	MOM	OFF	MOM			
	Q2215	2MS5	ON	OFF	MOM			
		Q2216	2MS6	OFF	NONE	ON	OPEN	N/A
DP	Q2221	2MD1	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4
	Q2222	2MD2	ON	NONE	MOM			
	Q2223	2MD3	ON	OFF	ON		OPEN	
	Q2226	2MD6	ON	ON	ON			

MOM=MENTORY

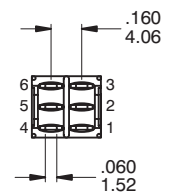
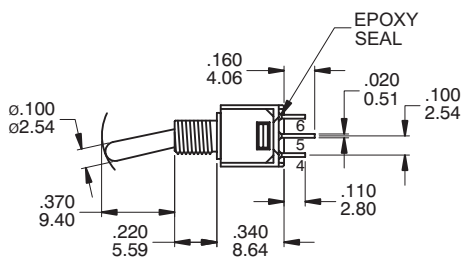
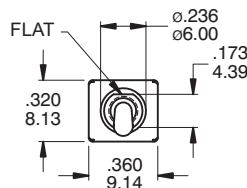
POLE OPTIONS



SPDT

Part No. Shown : 2MS1T1B1M1QE

2MS6 Models : Omit 2nd terminal

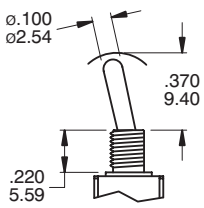


DPDT

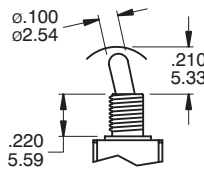
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ACTUATOR OPTIONS

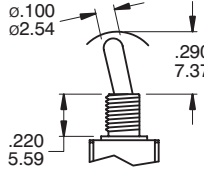
T1



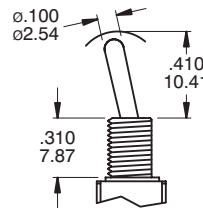
T2



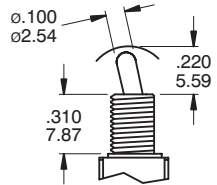
T3



T4



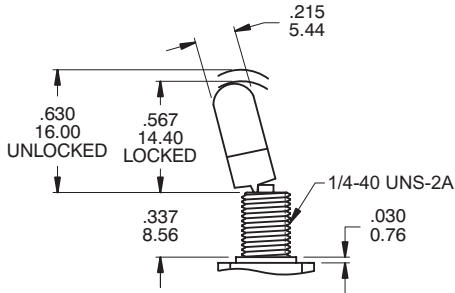
T5



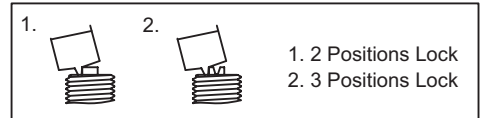
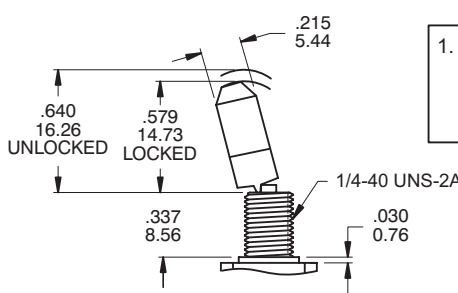
T1,T2,T3 Actuator shown with B1 to B4 bushing, subtract 0.09 (2.29) for B5 bushing, subtract 0.04 (1.02) for B7 bushing.

T4,T5 Actuator shown with B5,B6 bushing, add 0.09 (2.29) for B1 to B3 bushing, add 0.05 (1.27) for B7 bushing.

TL1B25

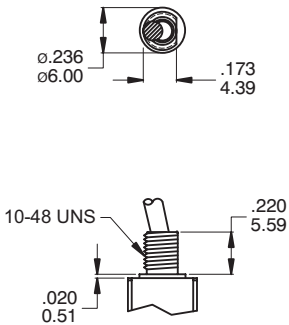


TL2B25

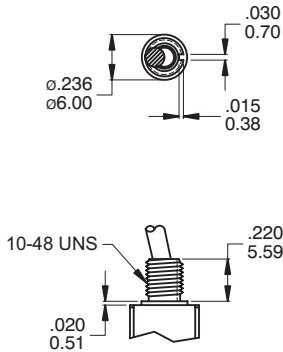


BUSHING OPTIONS

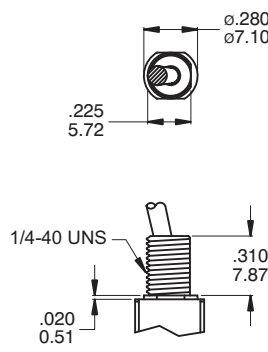
**B1 THD
B2 NON-THD**



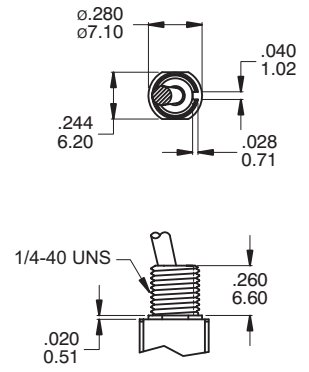
**B3 THD
B4 NON-THD**



**B5 THD
B6 NON-THD**

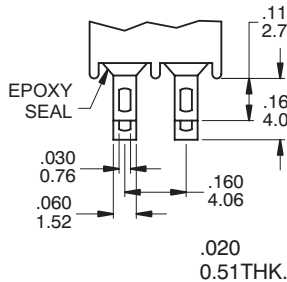
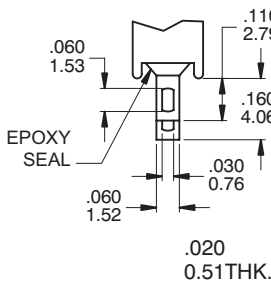


**B7 THD
B8 NON-THD**

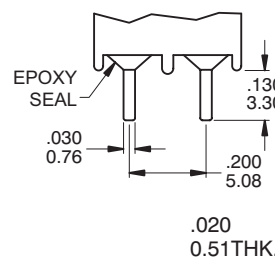
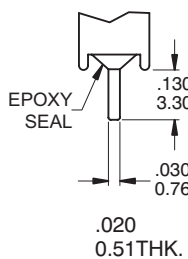


TERMINATION OPTIONS

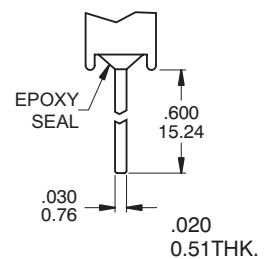
M1



M2



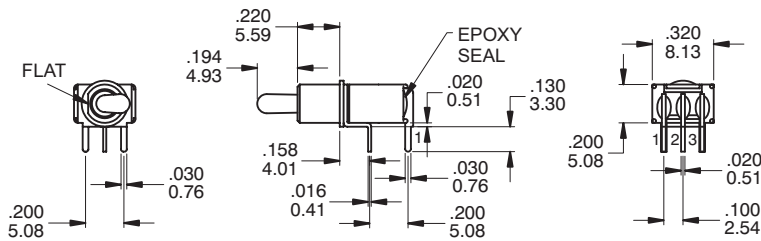
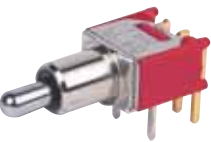
M5



Double Pole

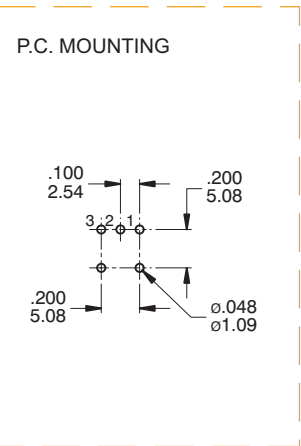
Double Pole

M6

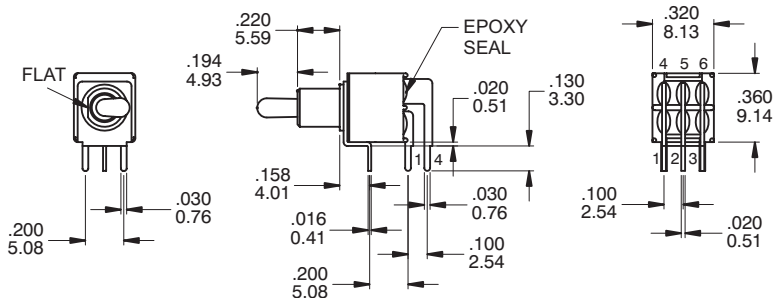


SPDT

Part No. Shown : 2MS1T2B2M6RE

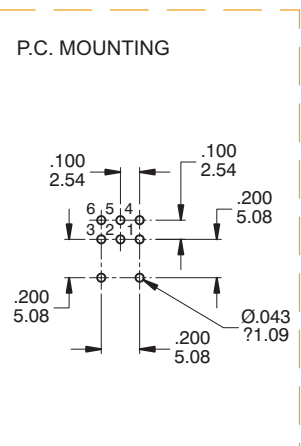


M6

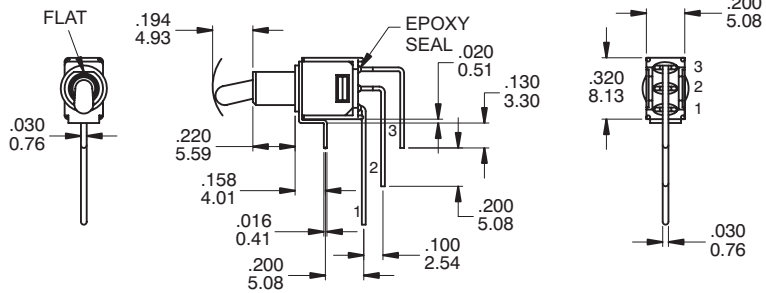
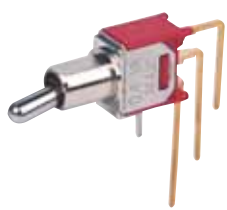


DPDT

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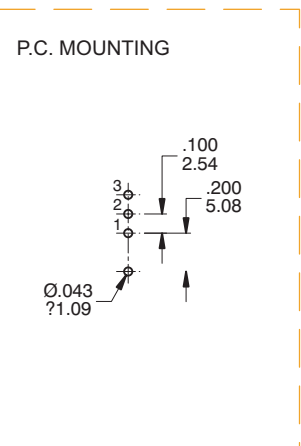


M7

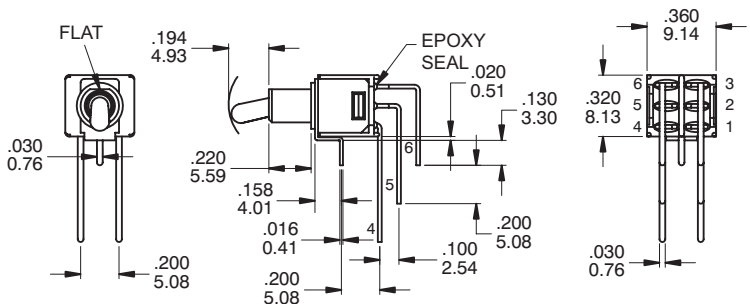
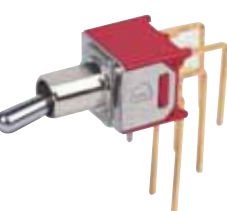


SPDT

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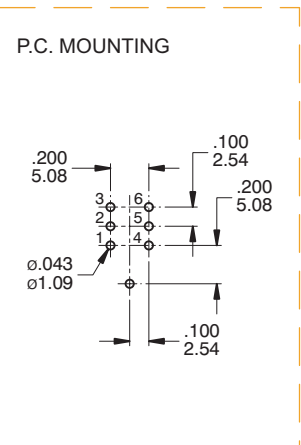


M7



DPDT

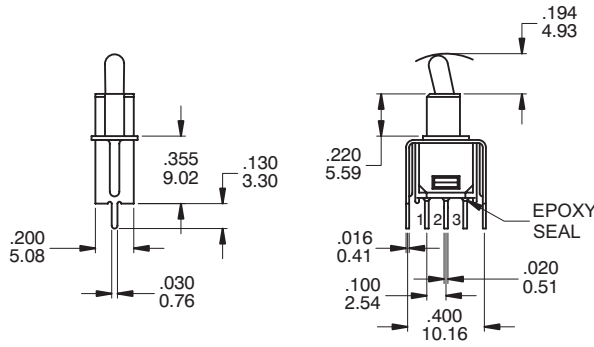
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VS2 - VS3

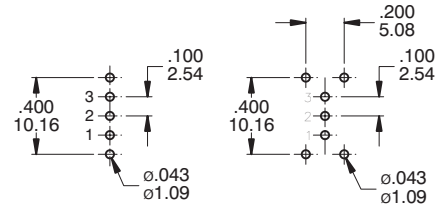


SPDT



Part No. Shown : 2MS1T2B2VS2QE

P.C. MOUNTING



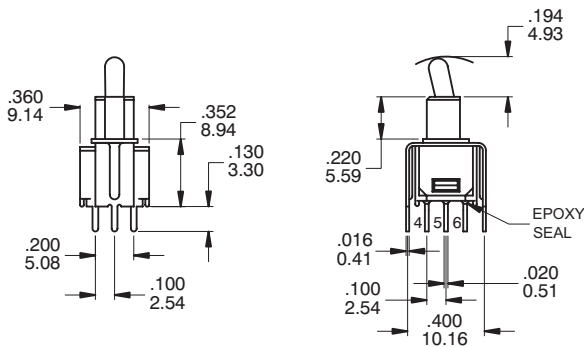
VS2

VS3

VS2 - VS3

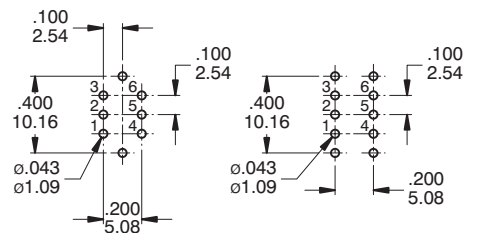


DPDT



Part No. Shown : 2MD1T2B2VS2QE

P.C. MOUNTING

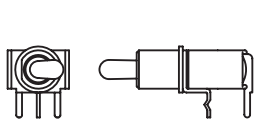


VS2

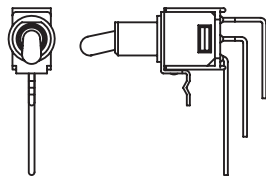
VS3

SNAP-IN TERMINATION OPTIONS

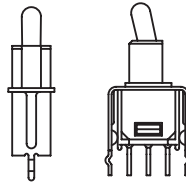
M6N



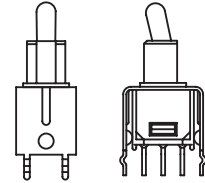
M7N



V2N

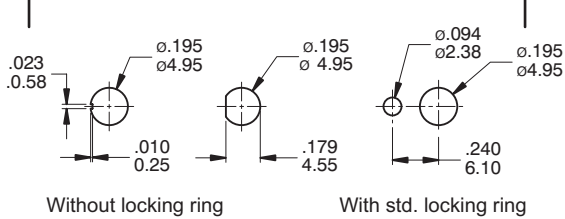


V3N

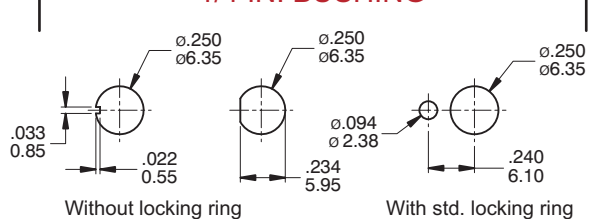


PANEL MOUNTING

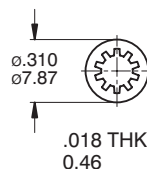
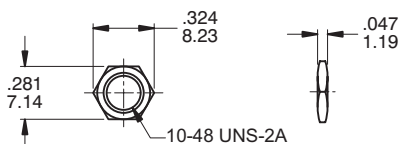
10-48 BUSHING



1/4 IN. BUSHING



HARDWARE



Locking Ring

CONTACT MATERIAL OPTIONS

	CONTACT MATERIAL	TERMINAL PLATING	RATINGS
Q	Silver	Q = Silver	3 Amps with resistant load @ 120VAC or 28VDC 1 Amps with resistant load @ 250VA
S		S = Silver,pure - tin	
C	Gold over Silver	C = Gold over silver	
K		K = Gold over silver,pure - tin	
R	Gold	R = Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)
G		G = Gold,pure - tin	



SOLDERING PROCESSES

MANUAL SOLDERING : Use soldering iron of 30 watts, controlled st 350°C approximately 5 seconds while applying solder.

WAVE SOLDERING : Recommended Soldering Temperature : 260 ± 5°C
Duration of Solder Immersion : 5 ± 1 seconds
(PCB is 1.6mm in thickness)

SOLDERING : Vapor phase

