

SPECIFICATIONS

CONTACT RATING: Dependent upon contact material See Page 29.

MECHANICAL LIFE: 30,000 make-and-break cycles. **CONTACT RESISTANCE:** 20 m Ω max. initial @ 2-4VDC 100mA for both silver and gold plated contacts.

INSULATION RESISTANCE: 1,000 M Ω min.

DIELECTRIC STRENGTH: 1,000 Vrms min.@sea level.

OPERATING TEMPERATURE: -30°C to 85°C.

MATERIALS

CASE: Diallyl phthalate (DAP) (UL94v-0). **ACTUATOR:** Brass, chrome plated. **BUSHING:** Brass or zinc, nickel plated.

HOUSING: Stainless Steel.

SWITCH SUPPORT: Brass,tin plated.

TERMINAL/CONTACT: Brass, with Silver or gold plated.

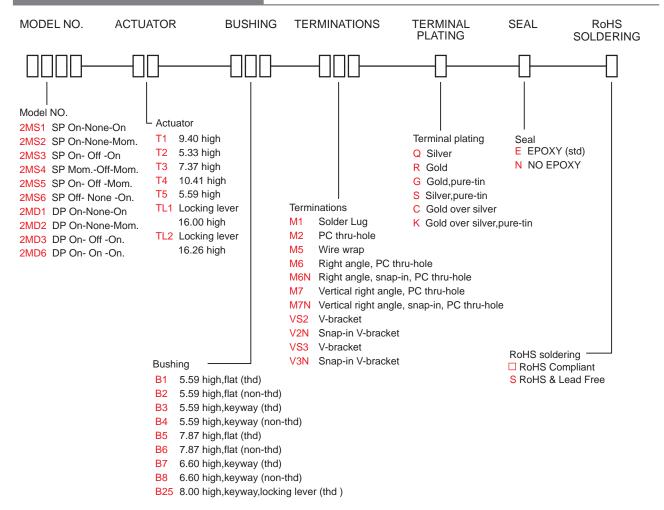
(See Page 29)

C 711 U





HOW TO ORDER



SWITCH FUNCTION

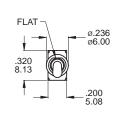
			SWIT	CH FUNC	CTION	CONNECTED	TERMINALS / SCH	EMATIC
NO. POLES	MODEL NO.	MODEL NO.	POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
	_		¥		4	#	.	.
SP	Q2211	2MS1	ON	NONE	ON			
	Q2212	2MS2	ON	NONE	МОМ	2-3	N/A	2-1
	Q2213	2MS3	ON	OFF	ON	₹ 2 (COMM)		• 2 (COMM)
	Q2214	2MS4	MOM	OFF	MOM	1. 3	OPEN	2 (COMM) 1 • 3
	Q2215	2MS5	ON	OFF	MOM			
	Q2216	2MS6	OFF	NONE	ON	OPEN	N/A	3-1
DP	Q2221	2MD1	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4
	Q2222	2MD2	ON	NONE	MOM	₹ 2 (COMM) 5 ₹	19/73	
	Q2223	2MD3	ON	OFF	ON	1• 3 4• 6	OPEN	1 3 4 6
A	Q2226	2MD6	ON	ON	ON	2-3,5-6	2-3,5-4	2-1,5-4

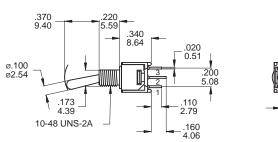
MOM=MOMENTARY

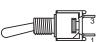
▲ Please check the availability in advance before order

POLE OPTIONS







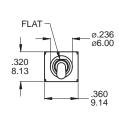


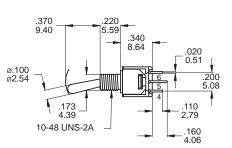
2MS6 Models: Omit 2nd terminal

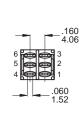
SPDT

Part No. Shown: 2MS1T1B1M1QE









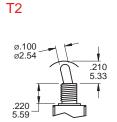
DPDT

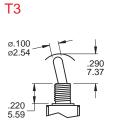
Part No. Shown: 2MD1T1B1M1RE

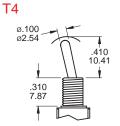
ACTUATOR OPTIONS

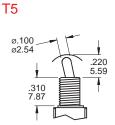
0.100 02.54 370 9.40

Toggle Switches

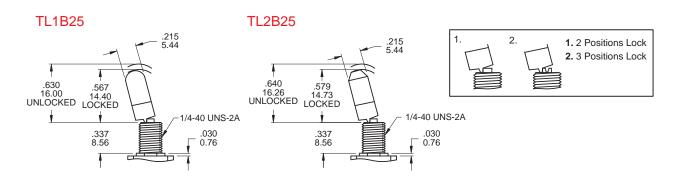




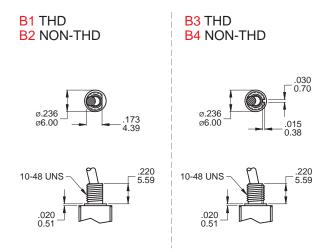


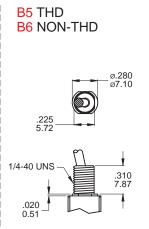


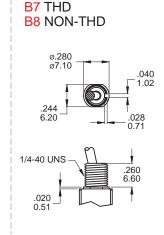
NONE: T1,T2,T3 Actuator shown with B1 to B4 bushing, subtract 0.09 (2.29) for B5 bushing, subtract 0.04 (1.02) for B7 bushing. T4,T5 Actuator shown with B5,B6 bushing, add 0.09 (2.29) for B1 to B3 bushing, add 0.05 (1.27) for B7 bushing. Std for M1,M2 Terminal sub .016(.040) for M6,M7,VSX



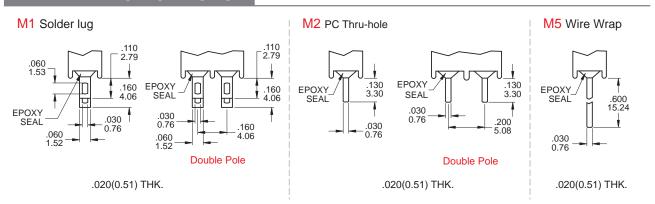
BUSHING OPTIONS



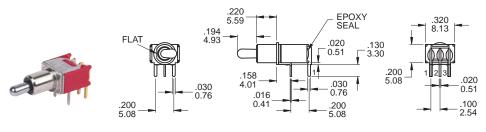


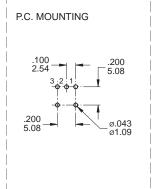


TERMINATION OPTIONS



M6

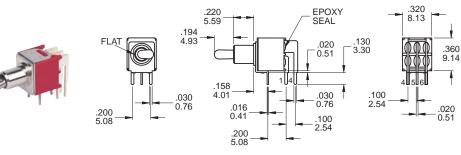


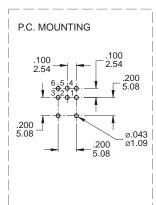


SPDT

Part No. Shown: 2MS1T2B2M6RE

M6

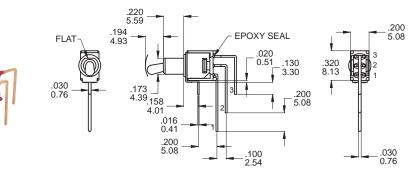


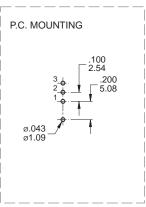


DPDT

Part No. Shown: 2MD1T2B2M6QE

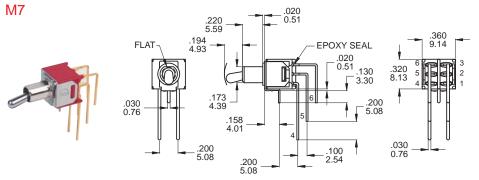
M7





SPDT

Part No. Shown: 2MS1T2B2M7RE



DPDT

Part No. Shown: 2MD1T2B2M7RE

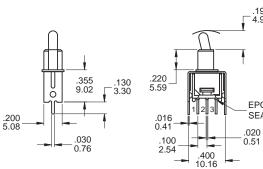


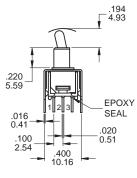
2M Toggle Switches

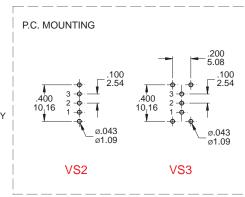




SPDT

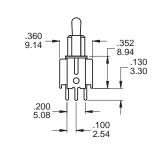




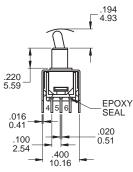


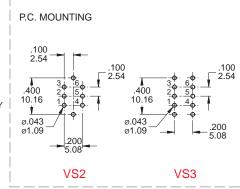
VS2 - VS3





Part No. Shown: 2MS1T2B2VS2QE





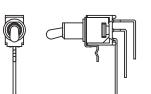
DPDT

Part No. Shown: 2MD1T2B2VS2QE

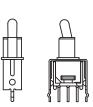
OPTIONS TERMINATION

M₆N

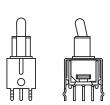




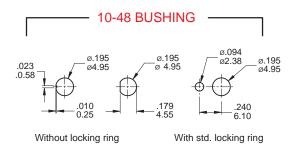


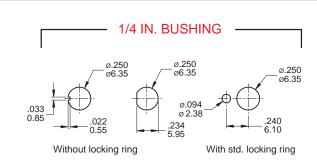


V3N



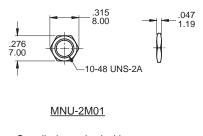
PANEL MOUNTING





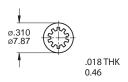
HARDWARE

10-48 NUT



Supplied standard with B1/B3 bushing

LOCK WASHER



MNU-2M03

Supplied standard with B1 / B3 bushing

CONTACT MATERIAL OPTIONS

	CONTACT PLATING	TERMINAL PLATING	RATINGS		
Q	Silver	Q = Silver			
S	Silvei	S = Silver,pure - tin	3 Amps with resistant load @ 120VAC or 28VDC 1 Amps with resistant load @ 250VAC		
С	Gold over Silver	C = Gold over silver			
K	Gold over Sliver	K = Gold over silver,pure - tin			
R	Gold	R = Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)		
G	Gold	G = Gold,pure - tin	0.4 Voit - Amps (VA) max. @ 20V max. (AC 01 DC)		

SOLDERING PROCESSES

MANUAL SOLDERING: Use soldering iron of 30 watts, controlled at 350°C

approximately 5 seconds while applying solder.

WAVE SOLDERING: Recommended Soldering Temperature: 260 ± 5°C

Duration of Solder Immersion: Max 5 sec. (PCB is 1.6mm in thickness)