

SPECIFICATIONS

CONTACT RATING: Dependent upon contact material 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: -40°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.

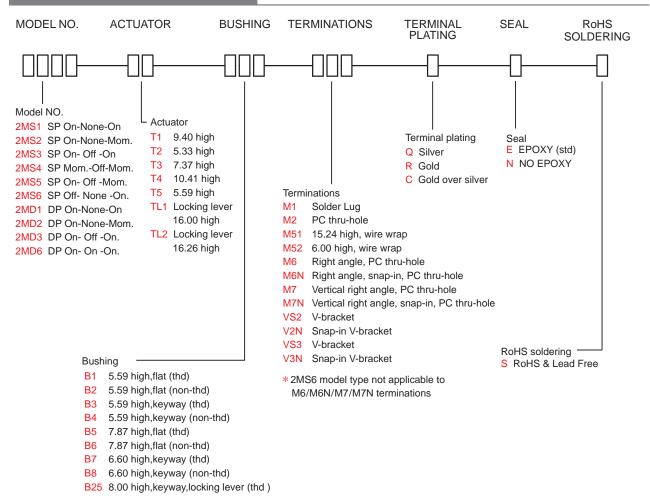
TERMINAL/CONTACT: Brass or copper alloy, with Silver or gold

plated.





HOW TO ORDER



SWITCH FUNCTION

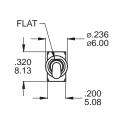
LII (00A			SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
NO. POLES	MODEL NO.	MODEL NO.	POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
			À		#),	.	#
SP	Q2211	2MS1	ON	NONE	ON			
	Q2212	2MS2	ON	NONE	МОМ	2-3	N/A	2-1
	Q2213	2MS3	ON	OFF	ON	९ 2 (COMM)		9 2 (COMM)
	Q2214	2MS4	MOM	OFF	МОМ	1. 3	OPEN	1 • 3
	Q2215	2MS5	ON	OFF	МОМ			
	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	МОМ	९ 2 (COMM) 5 ९	IV/A	• 2(COMM) 5•
	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

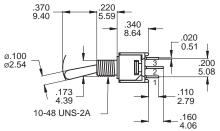
MOM=MOMENTARY

▲ Please check the availability in advance before order

POLE **OPTIONS**







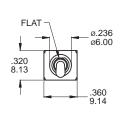


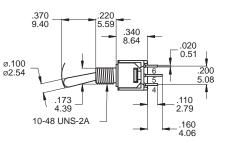
2MS6 Models: Omit 2nd terminal

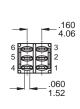
SPDT

Part No. Shown: 2MS1T1B1M1QES









DPDT

Part No. Shown: 2MD1T1B1M1RES

Toggle Switches

ACTUATOR OPTIONS

.220 5.59

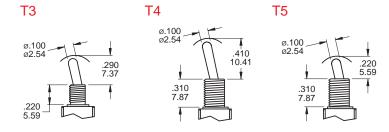
T1 T2

Ø.100

Ø2.54

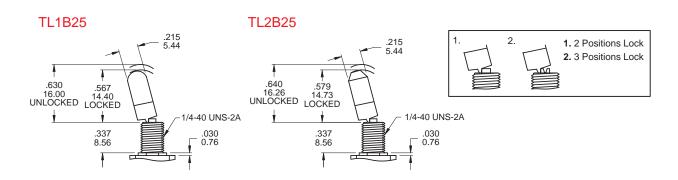
Ø.2.54

Ø.2.54

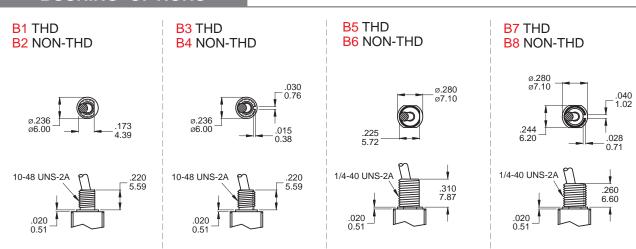


NONE: T1,T2,T3 Actuator shown with B1 to B4 bushing, subtract 0.09 (2.29) for B5 bushing, subtract 0.04 (1.02) for B7 bushing. T4,T5 Actuator shown with B5,B6 bushing, add 0.09 (2.29) for B1 to B3 bushing, add 0.05 (1.27) for B7 bushing. Std for M1,M2 Terminal sub .016(.040) for M6,M7,VSX

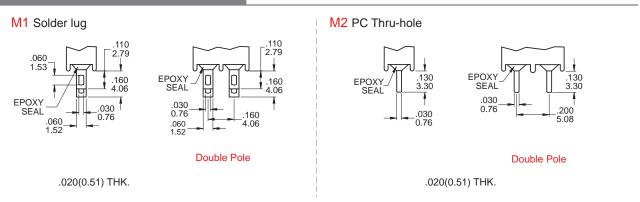
.210 5.33

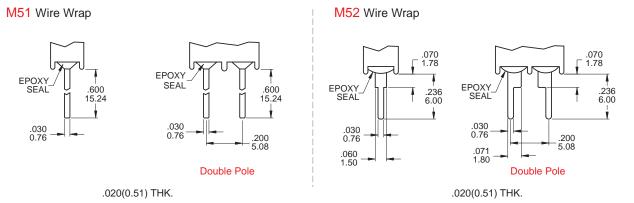


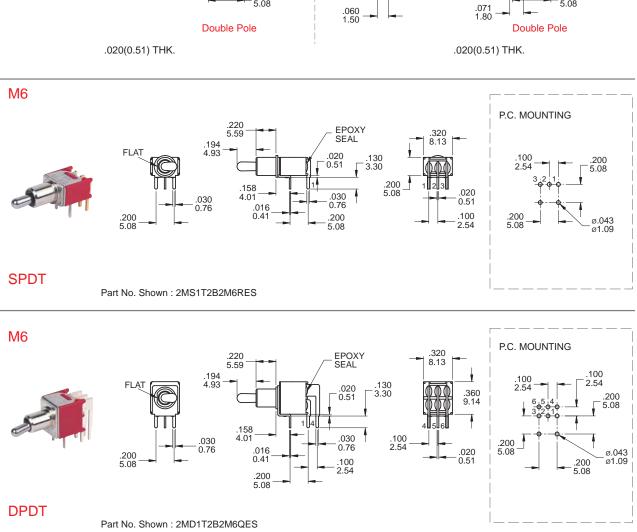
BUSHING OPTIONS

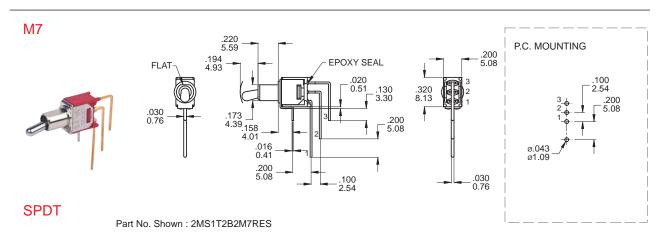


TERMINATION OPTIONS







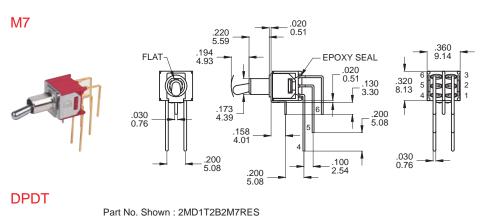


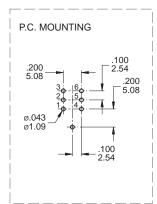
2M Series

Sub-Miniature Toggle Switches



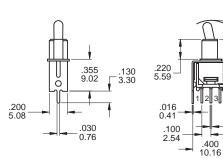
2M Toggle Switches

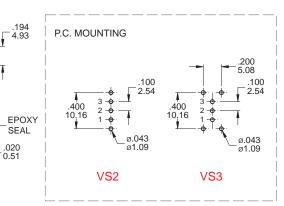










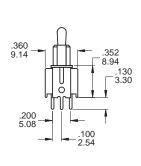


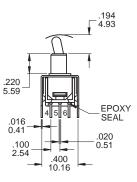
SPDT

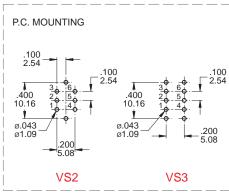
Part No. Shown: 2MS1T2B2VS2QES

VS2 - VS3









DPDT

Part No. Shown: 2MD1T2B2VS2QES

SNAP-IN TERMINATION OPTIONS

M6N

M7N

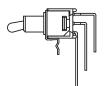
V2N

V3N









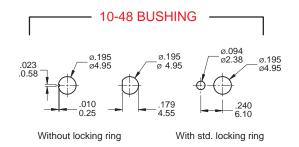


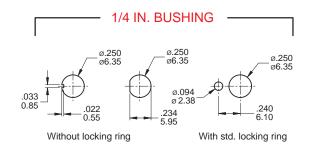






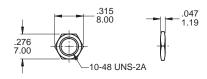
PANEL MOUNTING





HARDWARE

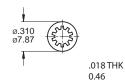
10-48 NUT



MNU-2M01

Supplied standard with B1/B3 bushing

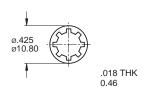
LOCKWASHER



MNU-2M03

Supplied standard with B1 / B3 bushing

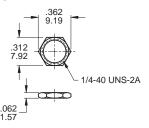
LOCKWASHER



MNU-1M03

Supplied standard with B5 / B7 bushing

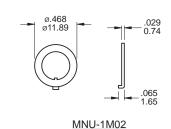
1/4 NUT



MNU-1M01A

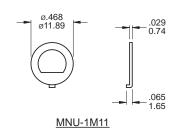
Supplied standard with B5/B7 bushing

LOCKING RING



Supplied standard with B7 bushing

LOCKING RING



Supplied standard with B5 bushing

CONTACT MATERIAL OPTIONS

	CONTACT PLATING	TERMINAL PLATING	RATINGS
Q	Silver	Q = Silver	3 Amps with resistant load @ 120VAC or 28VDC
С	Gold over Silver	C = Gold over silver	1 Amps with resistant load @ 250VAC
R	Gold	R = Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or 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: 270 ± 5°C

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