

**SPECIFICATIONS**

- MECHANICAL LIFE:** 40,000 make-and-break cycles.
- CONTACT RATING:** 0.4 VA max. @ 20 V AC or DC max.
- CONTACT RESISTANCE:** Below 100 mΩ typ. initial @ 2-4 V DC, 100 mA.
- INSULATION RESISTANCE:** 500 MΩ min.
- DIELECTRIC STRENGTH:** 500 Vrms min.@ sea level.
- OPERATING TEMPERATURE:** -30°C to 85°C

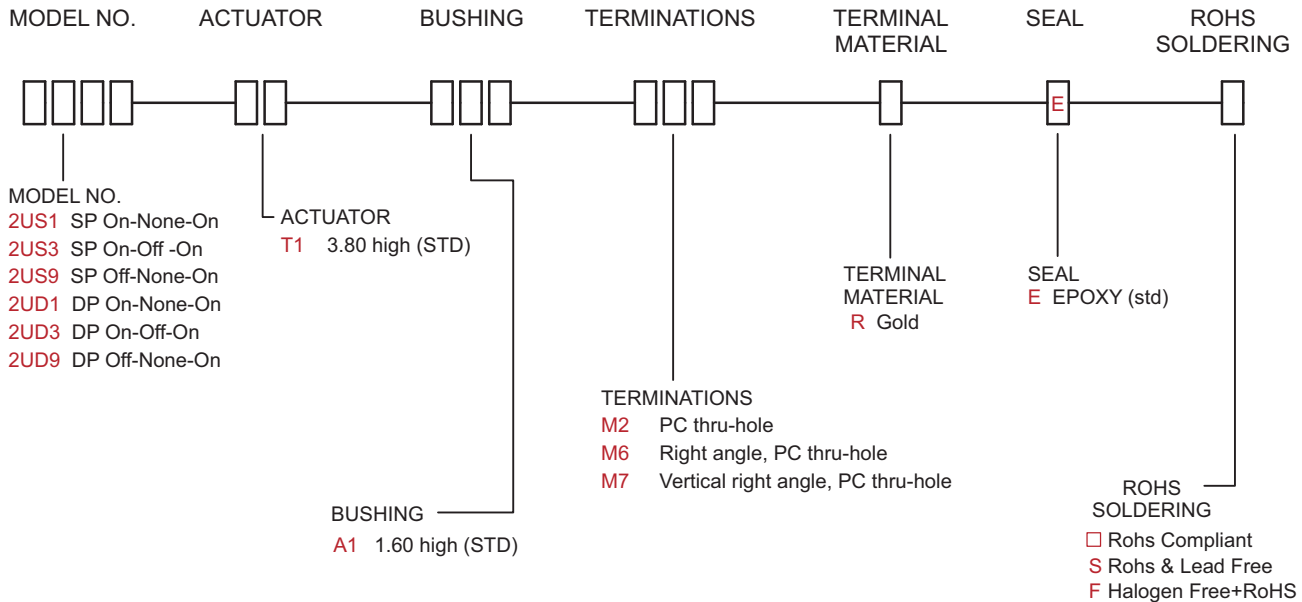
**MATERIALS**

- HOUSING AND BASE:** Glass filled nylon 6/6 or 4/6 , flame retardant,heat stabilized (UL94V-0)
- ACTUATOR:** Glass filled nylon 6/6 , flame retardant, heat stabilized(UL94V-0), with standard internal o-ring seal.
- SWITCH SUPPORT:** Steel,with nickel plate.
- CONTACT / TERMINALS:** Silver or gold plated Copper alloy.



IP 67  
ACCORDING TO  
EN 60529:1991+A1:2001  
IEC 60529:2001

**HOW TO ORDER**



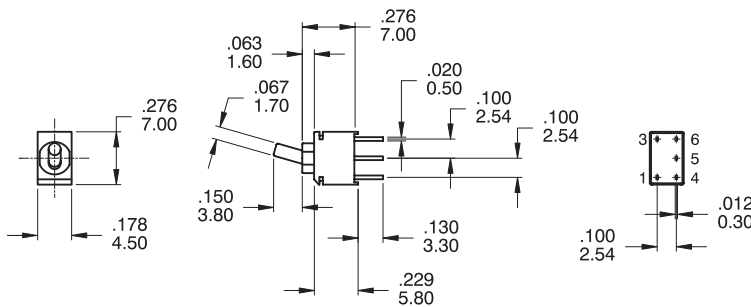
### SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	2US1	ON	NONE	ON	5-6	N/A	5-4
	2US3	ON	OFF	ON	5 (COMM) 4 • 6	OPEN	5 (COMM) 4 • 6
	2US9	OFF	NONE	ON	OPEN	N/A	4-6 [4 6]
DP	2UD1	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4
	2UD3	ON	OFF	ON	2 (COMM) 3 • 4 • 5 (COMM) 6	OPEN	2 (COMM) 3 • 4 • 5 (COMM) 6
	2UD9	OFF	NONE	ON	OPEN	N/A	[1 3] [4 6]

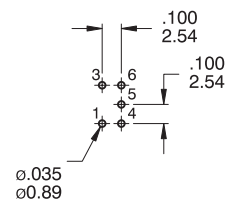
MOM=MOMENTARY

### POLE OPTIONS

M2



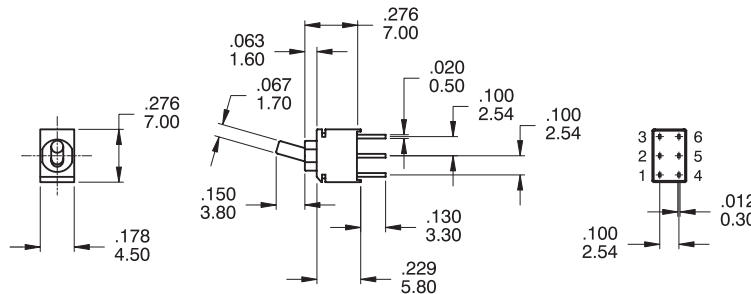
P.C. MOUNTING



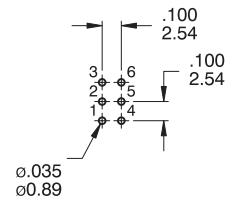
SPDT

Part No. Shown : 2US1T1A1M2RE

M2



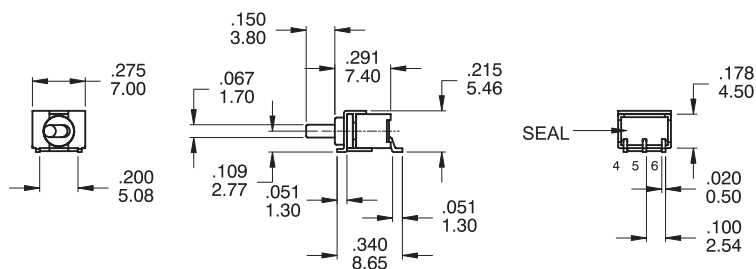
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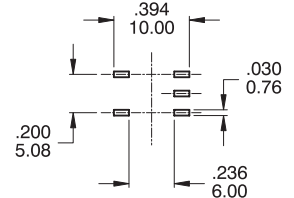
DPDT

Part No. Shown : 2UD1T1A1M2RE

MZ



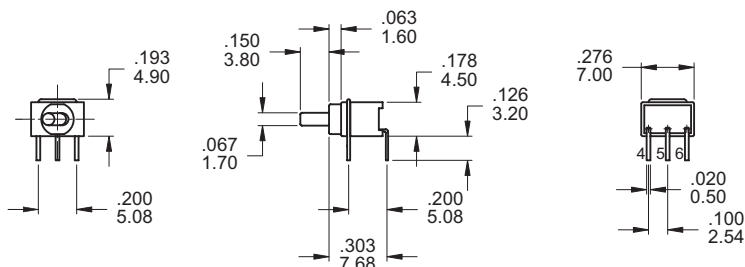
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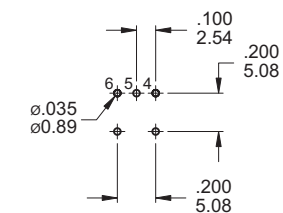
SPDT

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M6



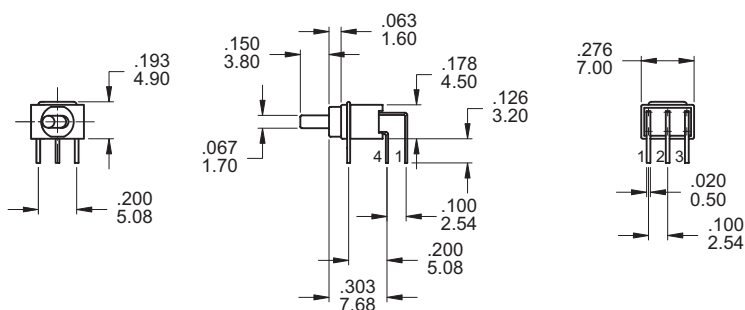
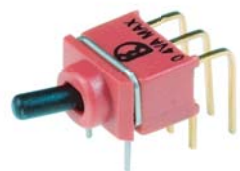
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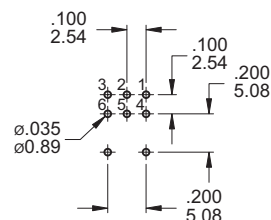
SPDT

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M6



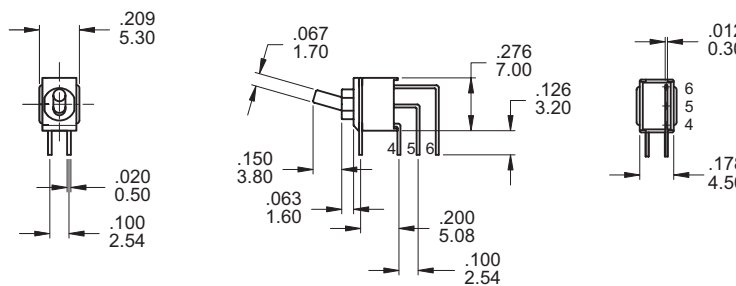
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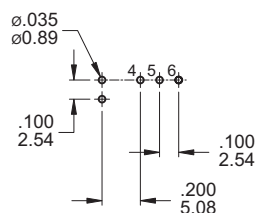
DPDT

Part No. Shown : 2UD1T1A1M6RE

M7



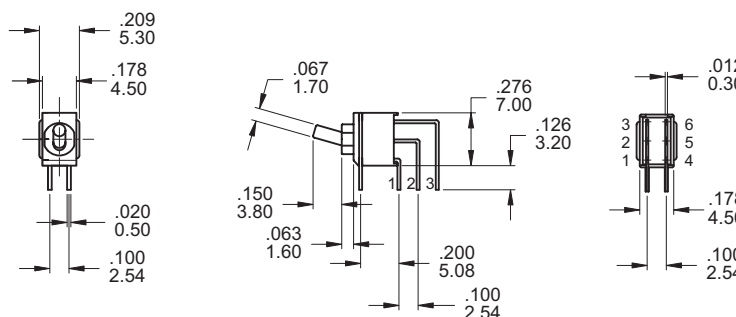
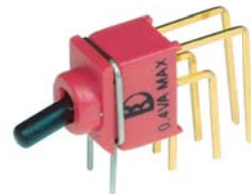
P.C. MOUNTING



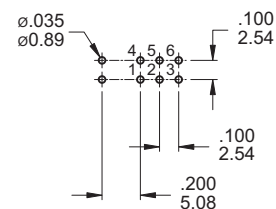
SPDT

Part No. Shown : 2US1T1A1M7RE

M7



P.C. MOUNTING



DPDT

Part No. Shown : 2UD1T1A1M7RE

### SOLDERING PROCESSES

WAVE SOLDERING : Recommended Soldering Temperature :  $260 \pm 5^{\circ}\text{C}$

Duration of Solder Immersion : Max 5sec.

(PCB is 1.6mm in thickness)

**SOLDERING : Vapor phase**

