



**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 Sn plated.

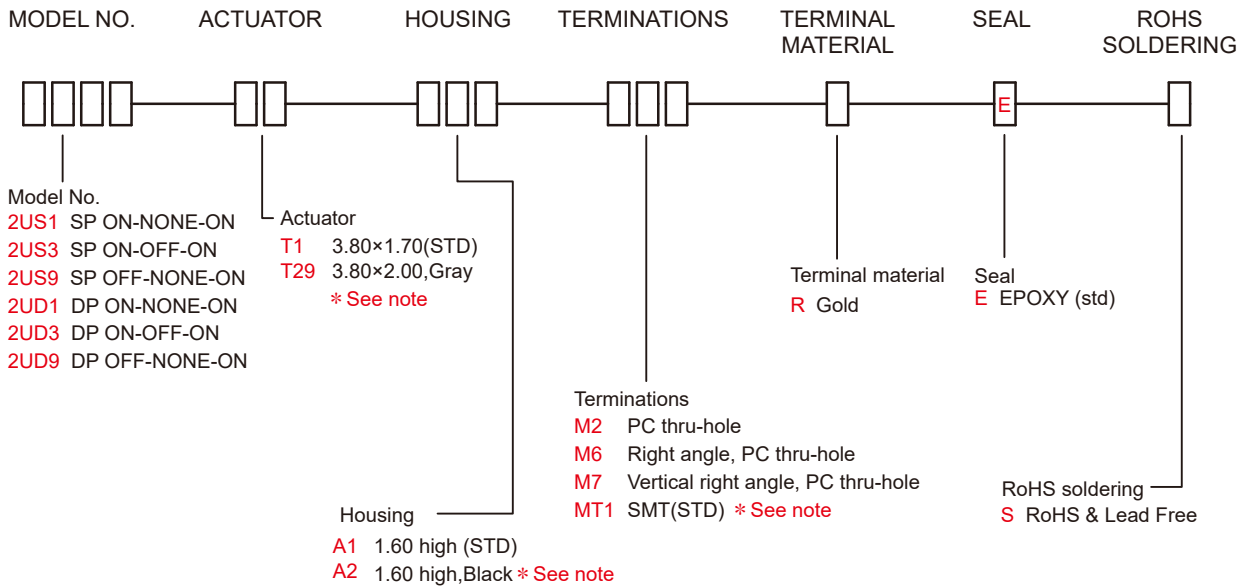
**CONTACT:** Phosphor bronze,Gold plated.

**TERMINALS:** Brass,Gold plated.

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



**HOW TO ORDER**



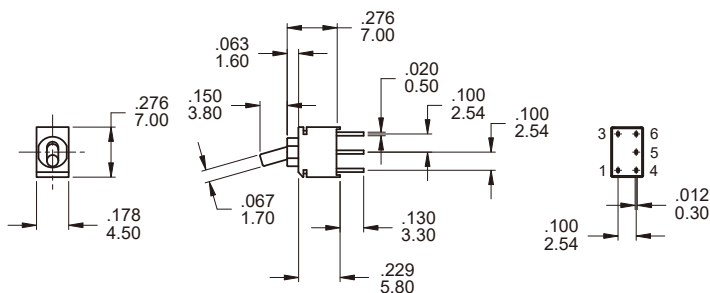
**NOTE:**

1.T29A2 type only for 2US1/2US3/2UD1/2UD3 function

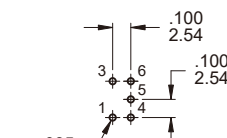
2.MT1 Terminal(SMT) only for 2US1/2US3/2UD1/2UD3 function

**SWITCH FUNCTION**

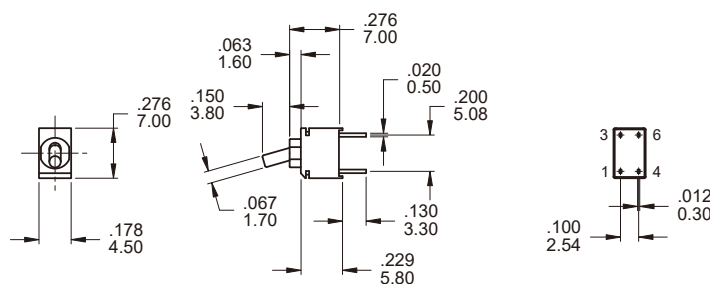
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	2US1	ON	NONE	ON	5-6	N/A	5-4
	2US3	ON	OFF	ON	5 (COMM) 4-6	OPEN	5 (COMM) 4-6
	2US9	OFF	NONE	ON	OPEN	N/A	4-6 [4-6]
DP	2UD1	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4
	2UD3	ON	OFF	ON	2 (COMM) 5 1-3 4-6	OPEN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

**POLE OPTIONS**
**M2**


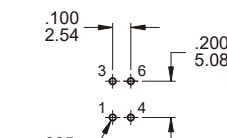
P.C. MOUNTING


**SPDT**

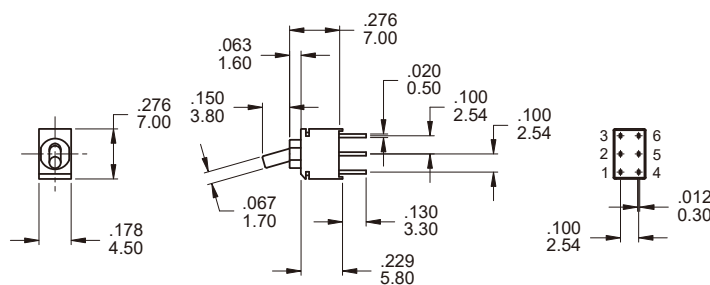
Part No. Shown : 2US1T1A1M2RES

**M2**


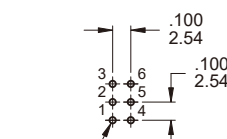
P.C. MOUNTING


**SPDT**

Part No. Shown : 2US9T1A1M2RES

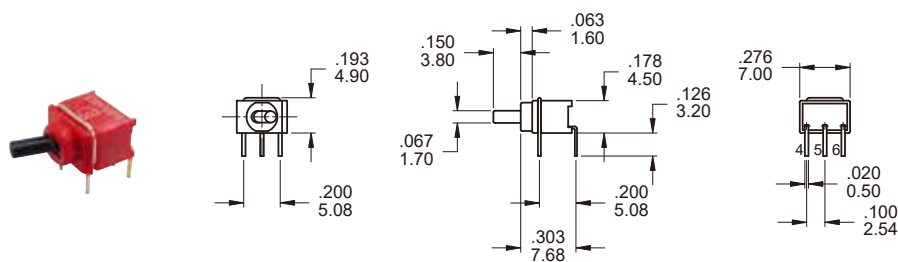
**M2**


P.C. MOUNTING

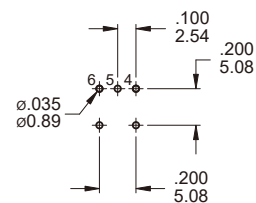

**DPDT**

Part No. Shown : 2UD1T1A1M2RES

**M6**



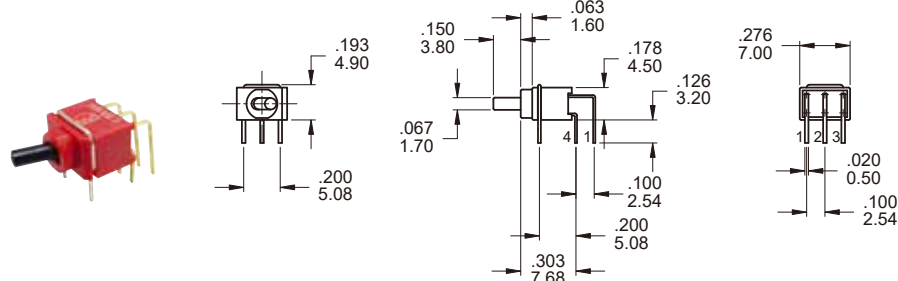
P.C. MOUNTING



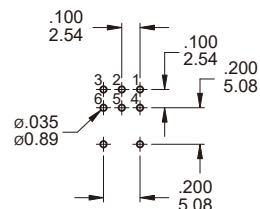
**SPDT**

Part No. Shown : 2US1T1A1M6RES

**M6**



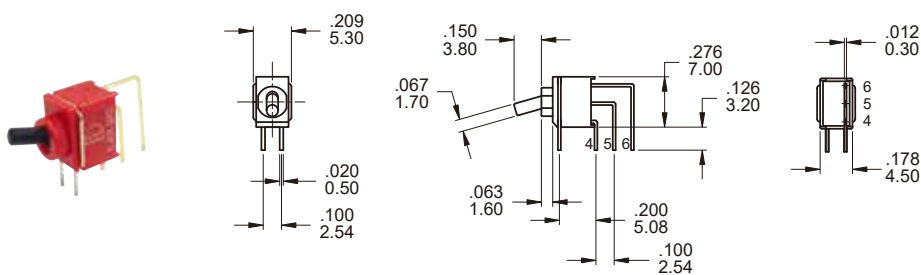
P.C. MOUNTING



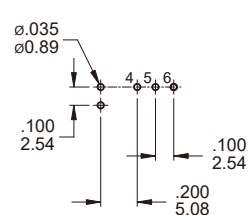
**DPDT**

Part No. Shown : 2UD1T1A1M6RES

**M7**



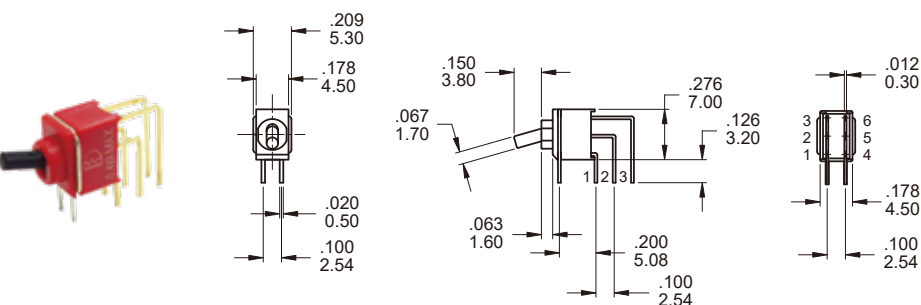
P.C. MOUNTING



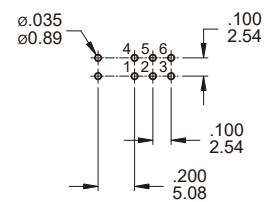
**SPDT**

Part No. Shown : 2US1T1A1M7RES

**M7**



P.C. MOUNTING



**DPDT**

Part No. Shown : 2UD1T1A1M7RES

