



#### SPECIFICATIONS

**CONTACT RATING:** Max 0.4 VA max @ 48 VAC or DC

**MECHANICAL LIFE:** minimum 40,000 operations.

**CONTACT RESISTANCE:** 50 mΩ max.

**INSULATION RESISTANCE:** 1,000 MΩ min.

**DIELECTRIC STRENGTH:** 500 Vrms min.@sea level.

**OPERATING TEMPERATURE:** -20°C to 85°C.

**DEGREE OF PROTECTION:** IP67

#### MATERIALS

**ACTUATOR:** Brass,chrome plated,internal O-ring seal.

Standard for all actuators.

**BUSHING & HOUSING:** SPCC

**CASE:** Glass filled nylon 6/6, flame retardant,heat stabilized  
(UL94v-0)

**SWITCH SUPPORT:** Brass,tin plated.

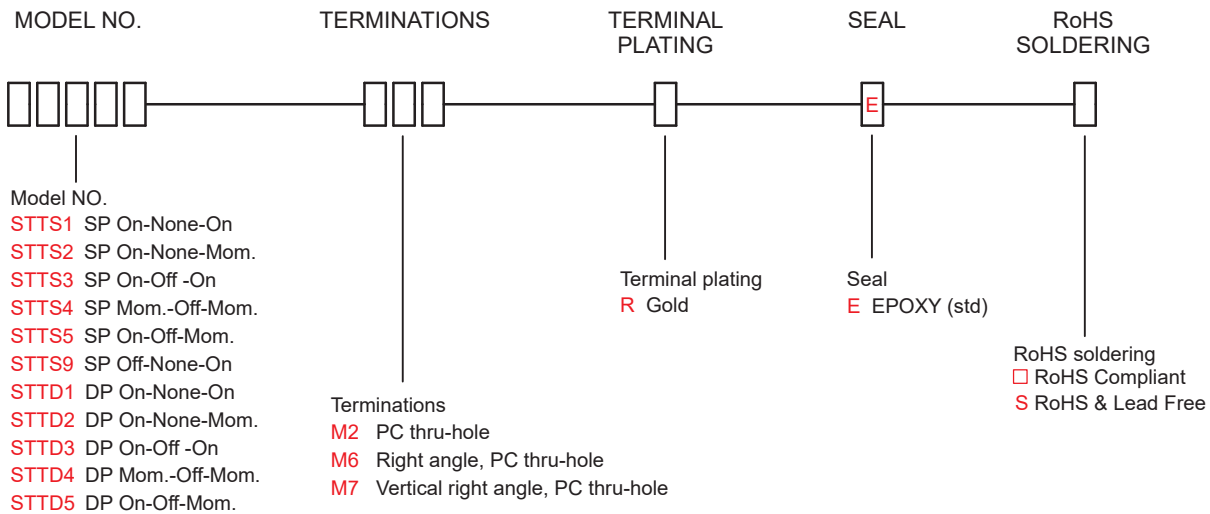
**CONTACT:** Phosphor bronze gold - plated over nickel barrier.

**TERMINALS:** Brass,gold plated.

**TERMINAL SEAL:** Epoxy



### HOW TO ORDER



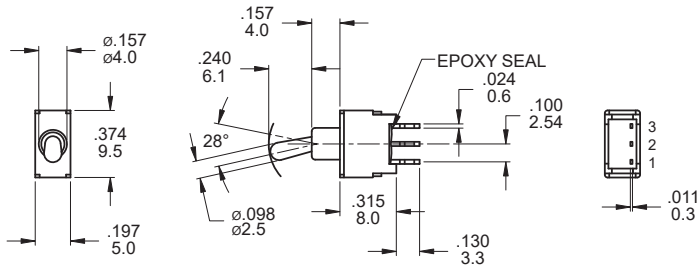
### SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	STTS1	ON	NONE	ON		N/A	
	STTS2	ON	NONE	MOM	2-3		2-1
	STTS3	ON	OFF	ON		OPEN	
	STTS4	MOM	OFF	MOM			
	STTS5	ON	OFF	MOM			
	STTS9	OFF	NONE	ON	OPEN	N/A	2-1
DP	STTD1	ON	NONE	ON		N/A	
	STTD2	ON	NONE	MOM	2-3,5-6		2-1,5-4
	STTD3	ON	OFF	ON		OPEN	
	STTD4	MOM	OFF	MOM			
	STTD5	ON	OFF	MOM			

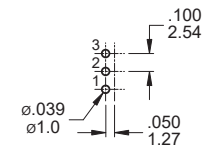
MOM=MOMENTARY

### POLE OPTIONS

#### M2



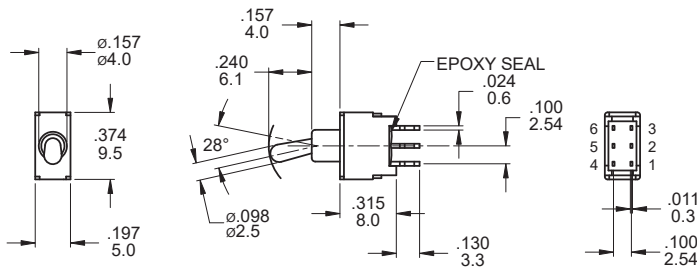
#### P.C. MOUNTING



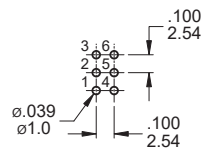
#### SPDT

Part No. Shown : STTS1M2RES

#### M2



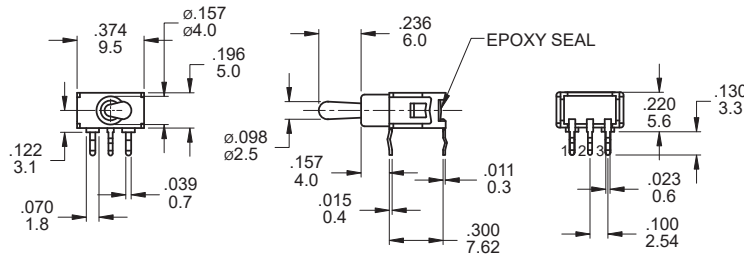
#### P.C. MOUNTING



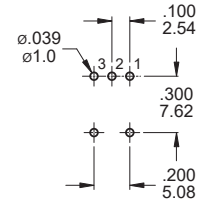
#### DPDT

Part No. Shown : STTD1M2RES

M6



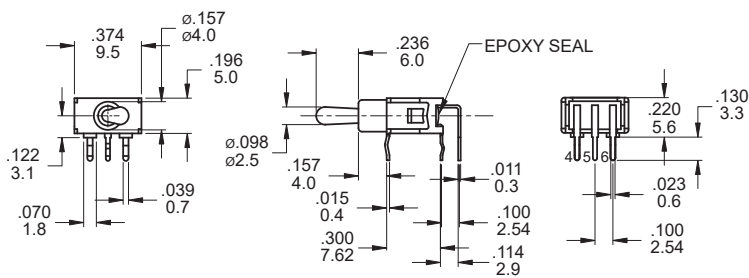
P.C. MOUNTING



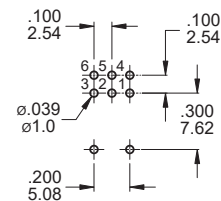
SPDT

Part No. Shown : STTS1M6RES

M6



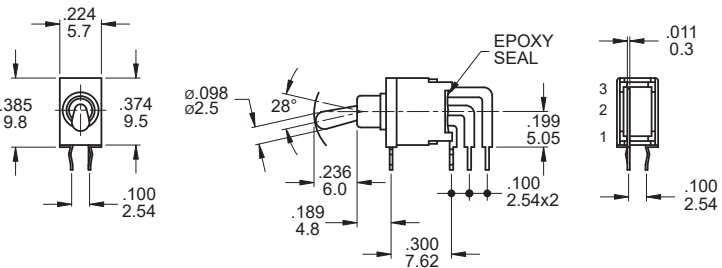
P.C. MOUNTING



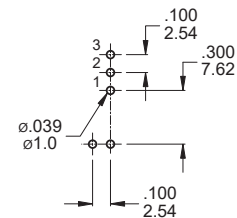
DPDT

Part No. Shown : STTD1M6RES

M7



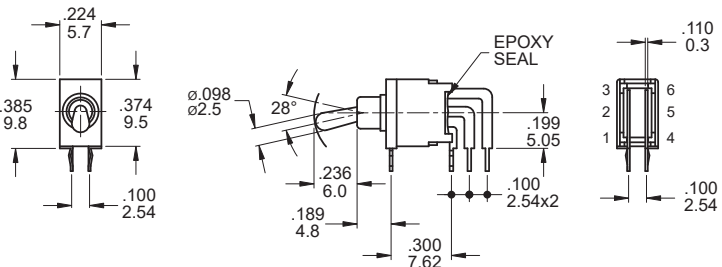
P.C. MOUNTING



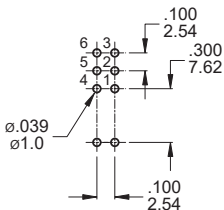
SPDT

Part No. Shown : STTS1M7RES

M7



P.C. MOUNTING



DPDT

Part No. Shown : STTD1M7RES

### SOLDERING PROCESSES

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

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