

### 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

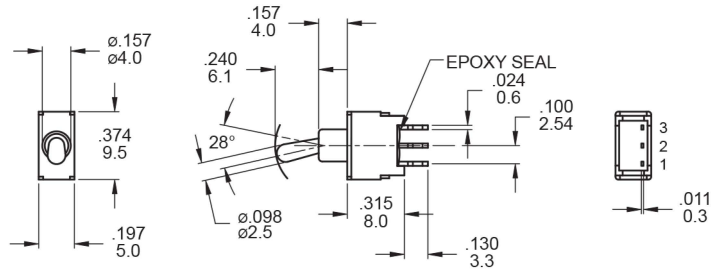
## SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC			
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3	
SP	2TES1	ON	NONE	ON	2-3	N/A	2-1	
	2TES2	ON	NONE	MOM				
	2TES3	ON	OFF	ON	OPEN			
	2TES4	MOM	OFF	MOM	OPEN		N/A	2-1
	2TES5	ON	OFF	MOM	OPEN		N/A	2-1
	2TES9	OFF	NONE	ON	OPEN	N/A	2-1	
DP	2TED1	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4	
	2TED2	ON	NONE	MOM				
	2TED3	ON	OFF	ON	OPEN			
	2TED4	MOM	OFF	MOM	OPEN			
	2TED5	ON	OFF	MOM	OPEN			

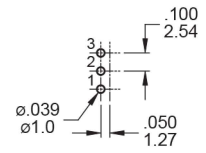
MOM=MOMENTARY

## POLE OPTIONS

### M2

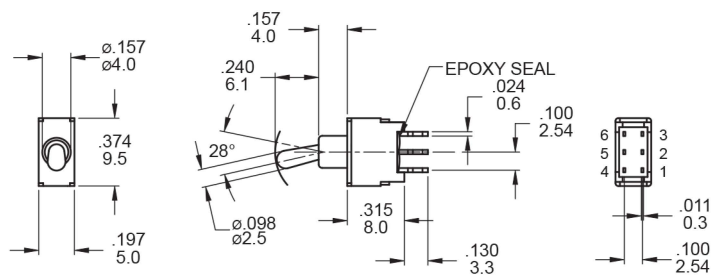


### P.C. MOUNTING

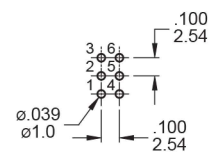


### SPDT

### M2

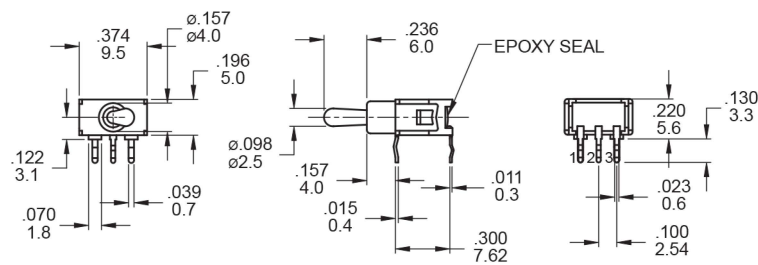


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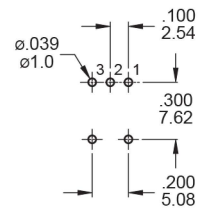


### DPDT

### M6

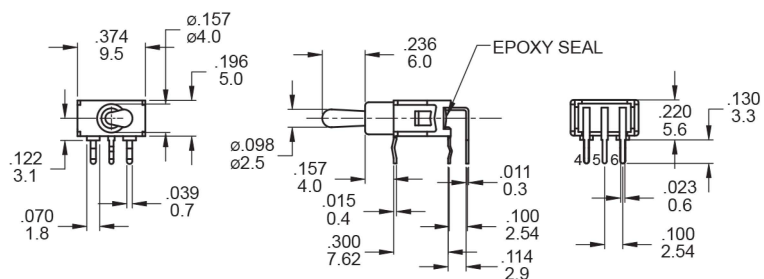


### P.C. MOUNTING

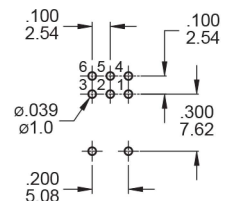


### SPDT

### M6

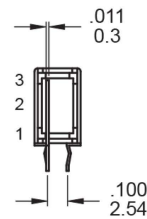
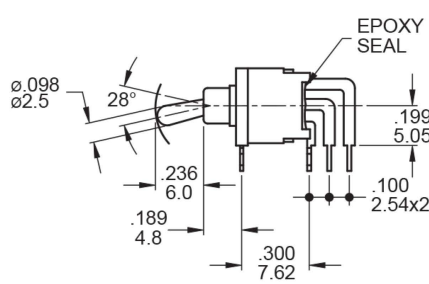
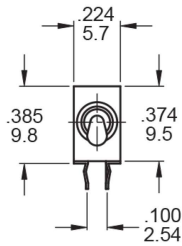


### P.C. MOUNTING

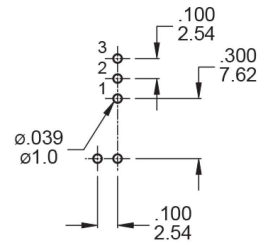


### DPDT

M7

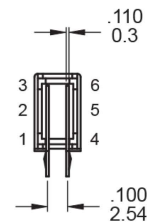
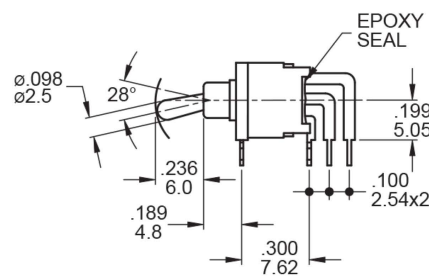
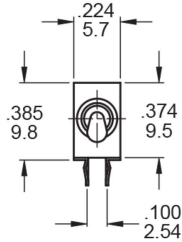


P.C. MOUNTING

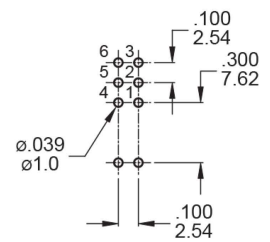


SPDT

M7



P.C. MOUNTING



DPDT

## 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)

