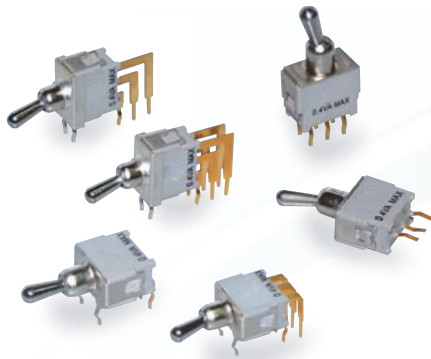


S2TE Series

Sub-Miniature Toggle Switches(Washable)



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 sabilized
(UL94v-0)

SWITCH SUPPORT: Brass,tin plated.

CONTACT / TERMINALS: Phosphor bronze gold - plated
over nickel barrier.

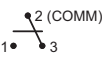
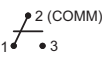
TERMINAL SEAL: Epoxy



HOW TO ORDER

MODEL NO.	TERMINATIONS	CONTACT MATERIAL	SEAL	RoHS SOLDERING
□□□□□	□□□	□	□	□
Model NO. S2TES1 SP On-None-On S2TES2 SP On-None-Mom. S2TES3 SP On-Off -On S2TES4 SP Mom.-Off-Mom. S2TES5 SP On-Off-Mom. S2TES9 SP Off-None-On S2TED1 DP On-None-On S2TED2 DP On-None-Mom. S2TED3 DP On-Off -On S2TED4 DP Mom.-Off-Mom. S2TED5 DP On-Off-Mom.	Terminations M2 PC thru-hole M6 Right angle, PC thru-hole M7 Vertical right angle, PC thru-hole	Contact material R Gold G Gold,pure-tin	Seal E EPOXY (std)	RoHS soldering □ Rohs Compliant S Rohs & Lead Free F Halogen Free+RoHS

SWITCH FUNCTION

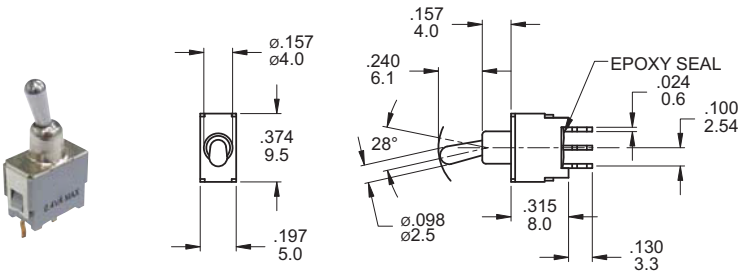
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
							
SP	S2TES1	ON	NONE	ON	2-3 	N/A	2-1 
	S2TES2	ON	NONE	MOM		OPEN	
	S2TES3	ON	OFF	ON			
	S2TES4	MOM	OFF	MOM	OPEN	N/A	2-1
	S2TES5	ON	OFF	MOM			
	S2TES9	OFF	NONE	ON	OPEN	N/A	2-1
DP	S2TED1	ON	NONE	ON	2-3,5-6 	N/A	2-1,5-4 
	S2TED2	ON	NONE	MOM		OPEN	
	S2TED3	ON	OFF	ON			
	S2TED4	MOM	OFF	MOM			
	S2TED5	ON	OFF	MOM			

MOM=MOMENTARY

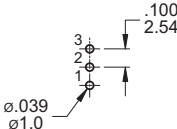
MOM=MOMENTARY

POLE OPTIONS

M2



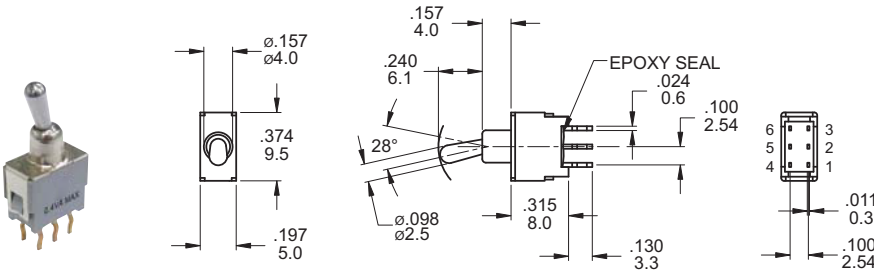
P.C. MOUNTING



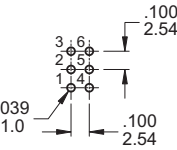
SPDT

Part No. Shown : S2TES1-M2RES

M2



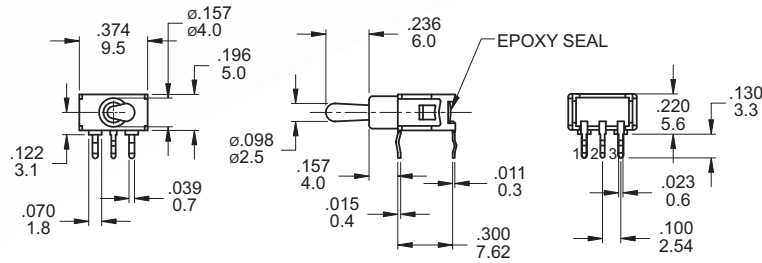
P.C. MOUNTING



DPDT

Part No. Shown : S2TED1-M2RES

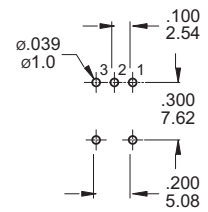
M6



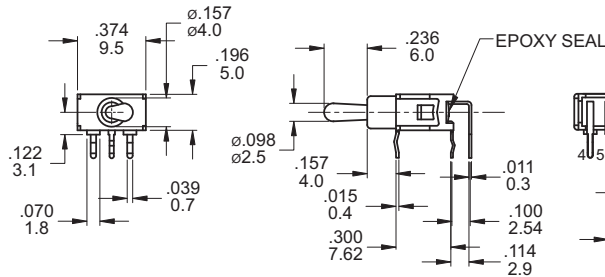
SPDT

Part No. Shown : S2TES1-M6RES

P.C. MOUNTING



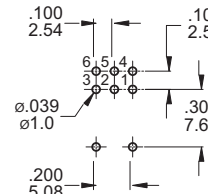
M6



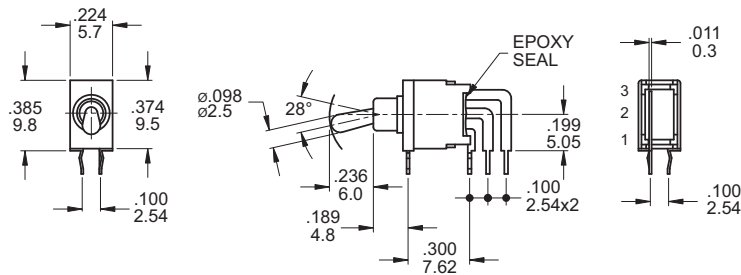
DPDT

Part No. Shown : S2TED1-M6RES

P.C. MOUNTING



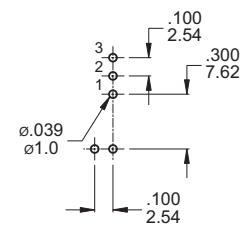
M7



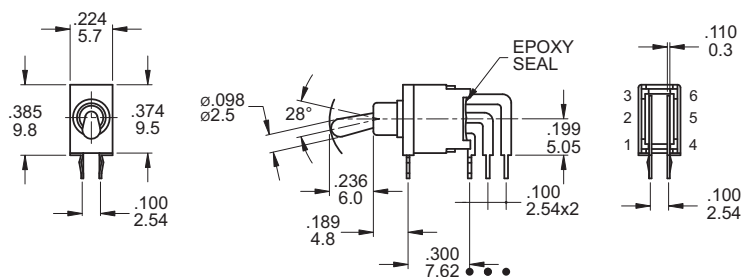
SPDT

Part No. Shown : S2TES1-M7RES

P.C. MOUNTING



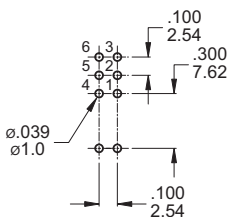
M7



DPDT

Part No. Shown : S2TED1-M7RES

P.C. MOUNTING



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)