

2TE Series

Sub-Miniature Toggle Switches(Washable)

2TE
Toggle Switches



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.

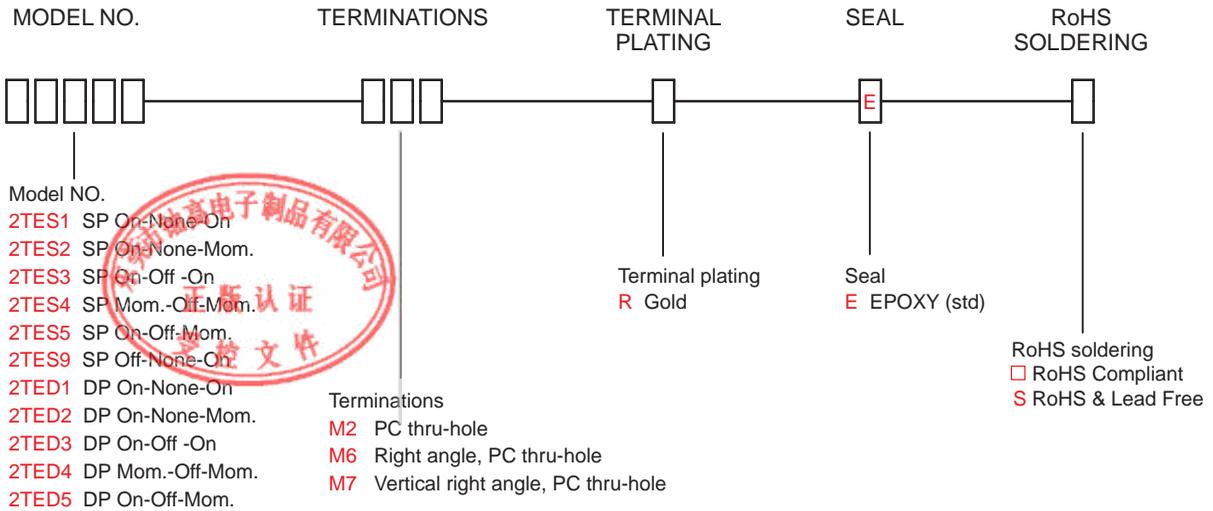
CONTACT: Phosphor bronze gold - plated over nickel barrier.

TERMINALS: Brass,gold plated.

TERMINAL SEAL: Epoxy



HOW TO ORDER



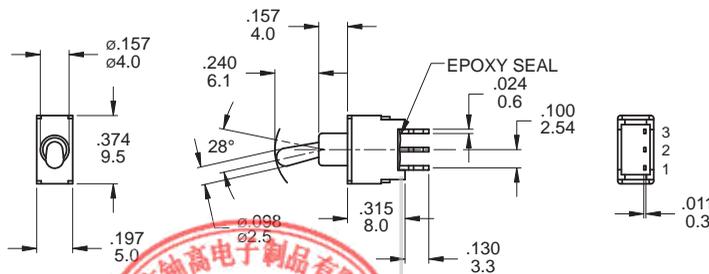
SWITCH FUNCTION

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

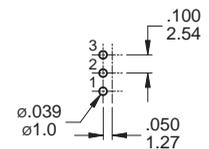
MOM=MOMENTARY

POLE OPTIONS

M2



P.C. MOUNTING

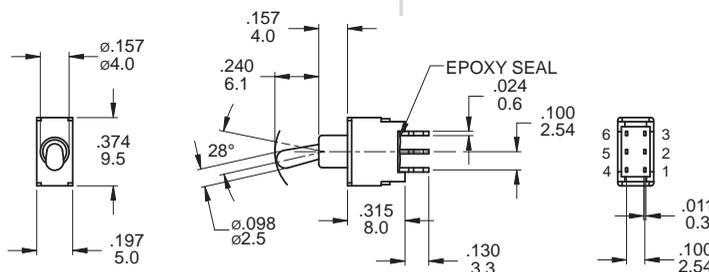


SPDT

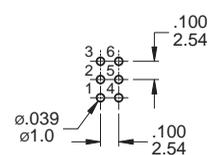
Part No. Shown : 2TES1M2RES



M2



P.C. MOUNTING



DPDT

Part No. Shown : 2TED1M2RES

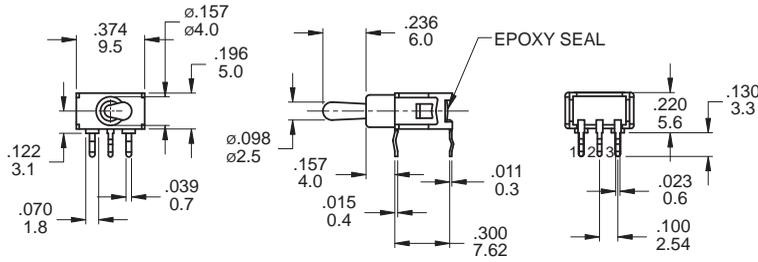


2TE Series

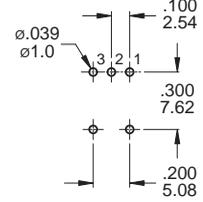
Sub-Miniature Toggle Switches(Washable)

2TE
Toggle Switches

M6



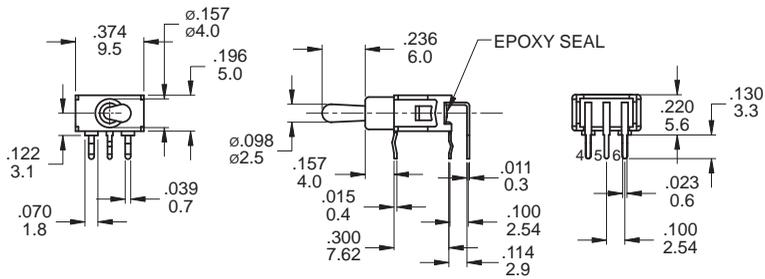
P.C. MOUNTING



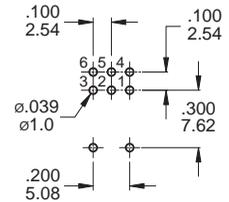
SPDT

Part No. Shown : 2TES1M6RES

M6



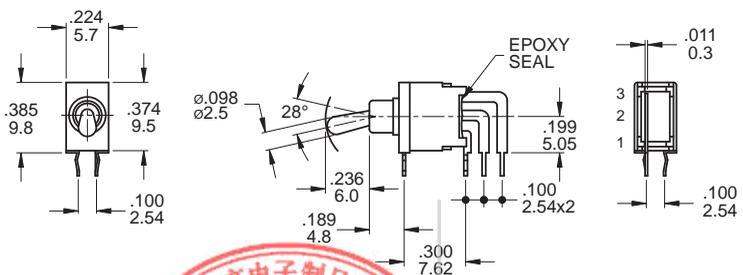
P.C. MOUNTING



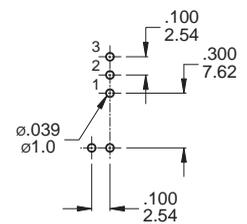
DPDT

Part No. Shown : 2TED1M6RES

M7



P.C. MOUNTING

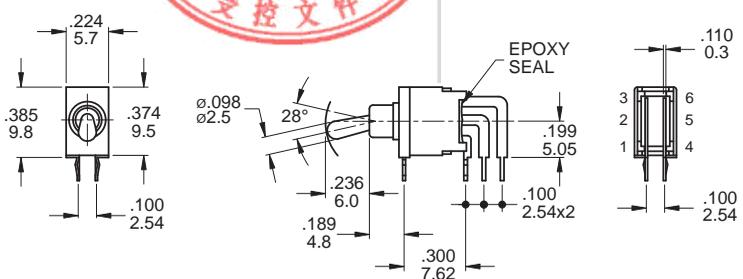


SPDT

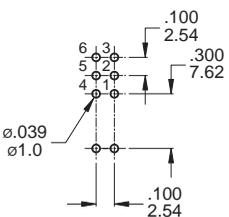
Part No. Shown : 2TES1M7RES



M7



P.C. MOUNTING



DPDT

Part No. Shown : 2TED1M7RES

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)