



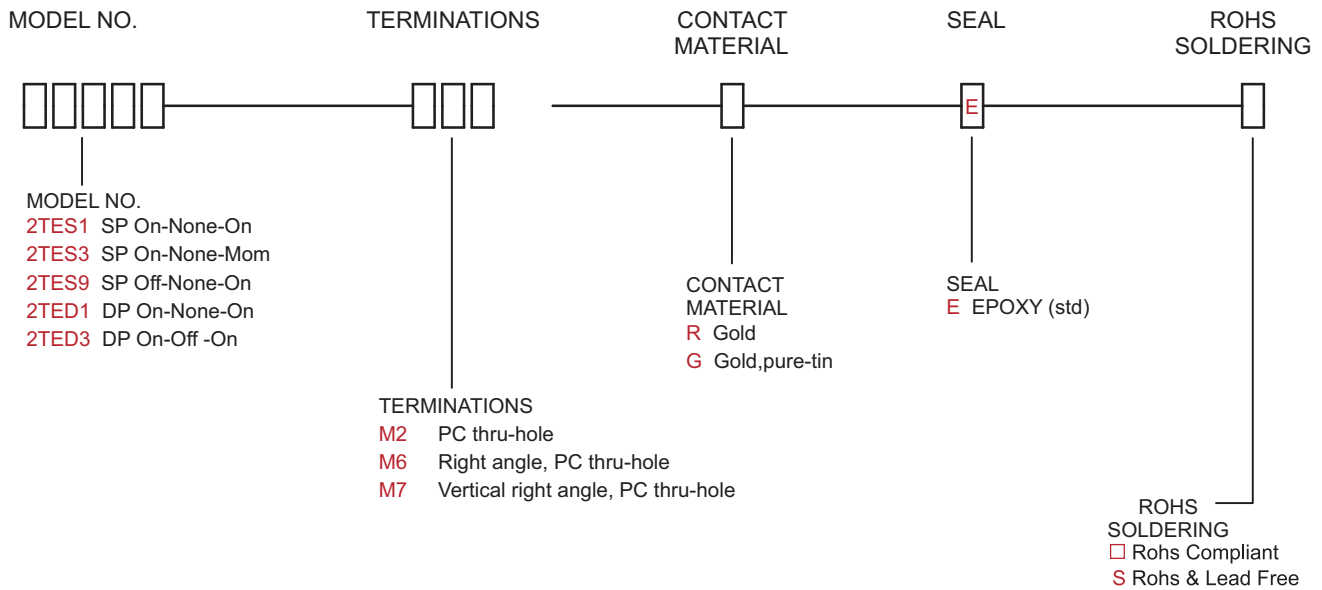
**SPECIFICATIONS**

- CONTACT RATING:** Max 0.4 VA max @ 48 VAC or DC Min.  
1 uA / 20 mV AC or DC
- MECHANICAL LIFE:** 60,000 make-and-break cycles at full load.
- CONTACT RESISTANCE:** 50mΩ max. initial @ 2-4VDC 100mA .
- INSULATION RESISTANCE:** 1,000MΩ min.
- DIELECTRIC STRENGTH:** 500 V RMS@sea level.
- OPERATING TEMPERATURE:** -30°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 (UL94v-0)
- SWITCH SUPPORT:** Brass,tin plated.
- CONTACT / TERMINALS:** Phosphor bronze gold - plated over nickel plated.
- TERMINAL SEAL:** Epoxy

**HOW TO ORDER**



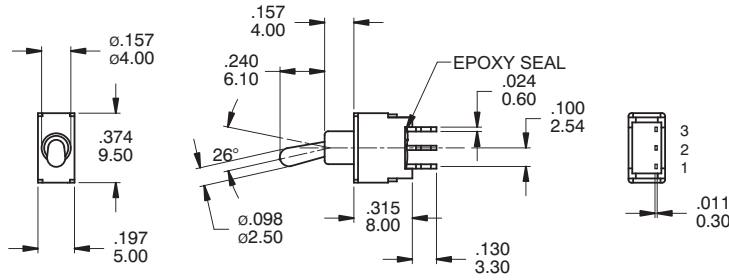
**SWITCH FUNCTION**

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
	2TES3	ON	OFF	ON		OPEN	
	2TES9	OFF	NONE	ON	OPEN	N/A	
DP	2TED1	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4
	2TED3	ON	OFF	ON		OPEN	

M2

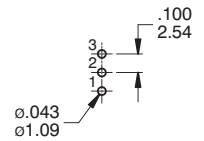


SPDT



Part No. Shown : 2TES1-M2RES

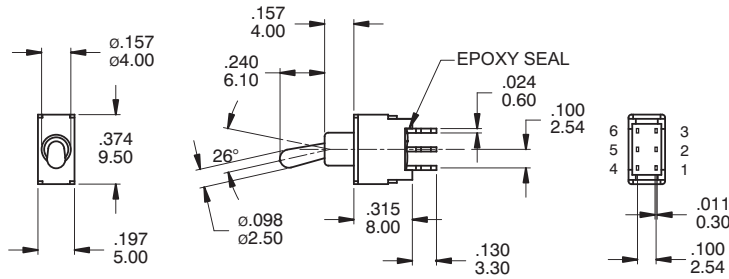
P.C. MOUNTING



M2

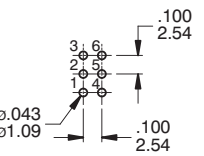


DPDT



Part No. Shown : 2TED1-M2RES

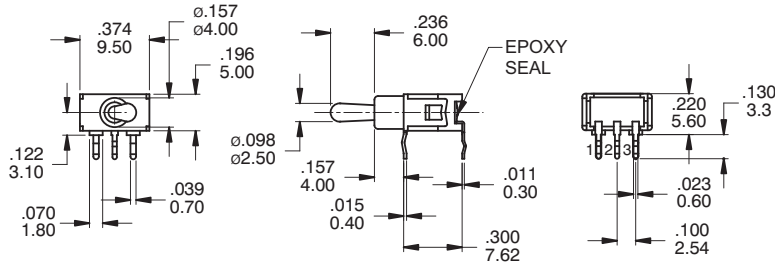
P.C. MOUNTING



M6

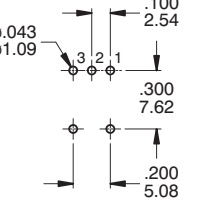


SPDT



Part No. Shown : 2TES1-M6RES

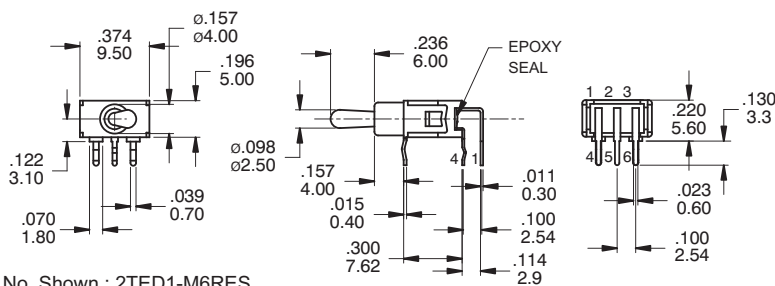
P.C. MOUNTING



M6

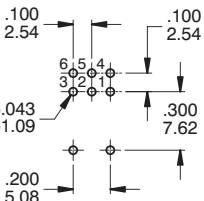


DPDT



Part No. Shown : 2TED1-M6RES

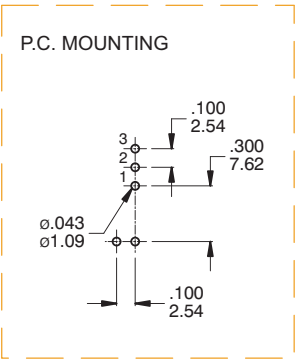
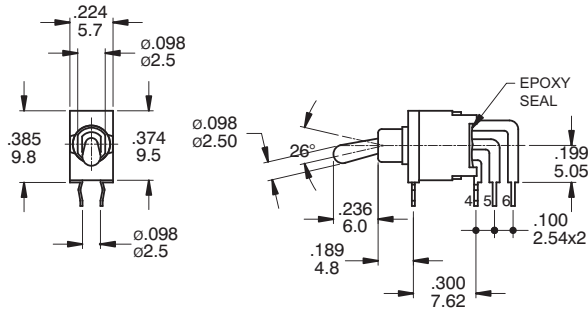
P.C. MOUNTING



# Sub-Miniature Toggle Switches (Washable) **2TE SERIES**

Toggle Switches

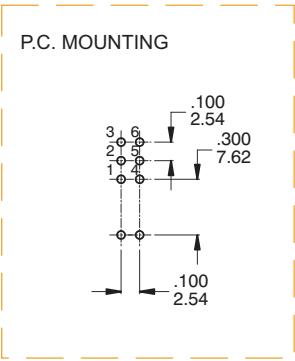
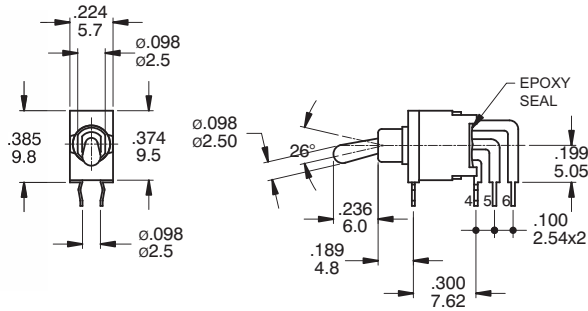
M7



SPDT

Part No. Shown : 2TES1-M7RES

M7



DPDT

Part No. Shown : 2TED1-M7RES



## SOLDERING PROCESSES

**WAVE SOLDERING :** Recommended Soldering Temperature :  $260 \pm 5^\circ\text{C}$   
Duration of Solder Immersion :  $5 \pm 1$  seconds  
(PCB is 1.6mm in thickness)

**SOLDERING :** Vapor phase & IR-reflow soldering can be applied.

