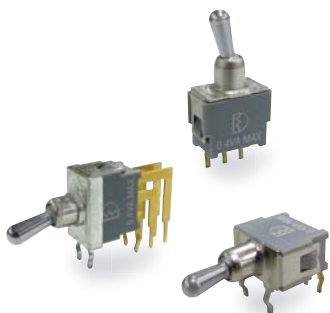


2TE Series

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

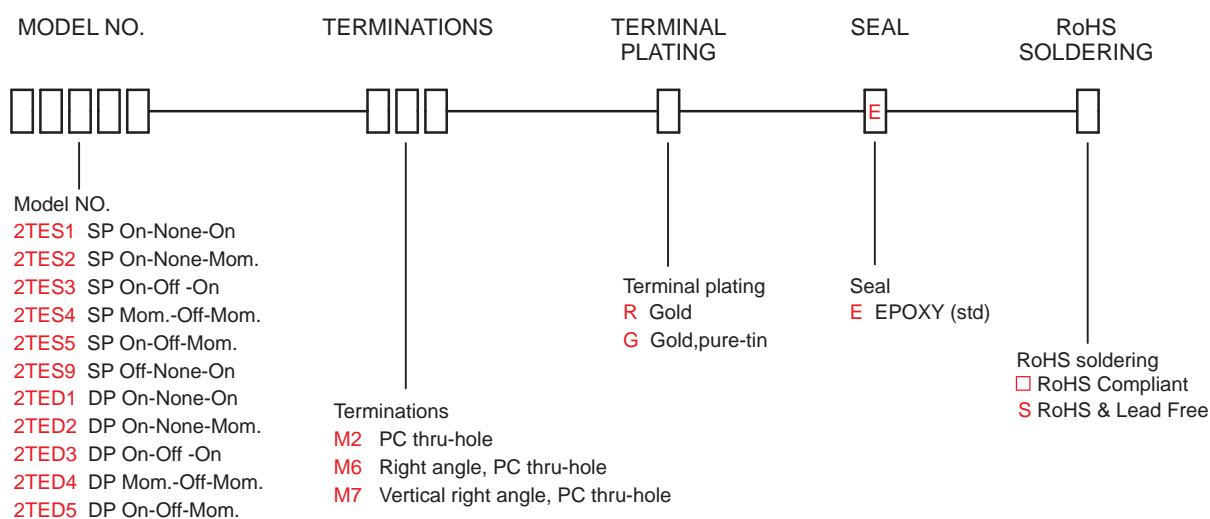
CASE: Glass filled nylon 6/6, flame retardant,heat stabilized (UL94v-0)

SWITCH SUPPORT: Brass,tin plated.







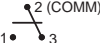
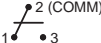
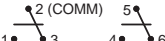
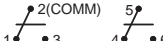
CONTACT / TERMINALS: Phosphor bronze gold - plated over nickel barrier.

TERMINAL SEAL: Epoxy

HOW TO ORDER



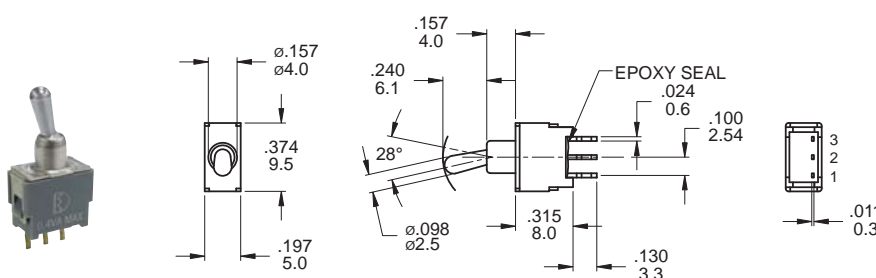
SWITCH FUNCTION

| 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 | <div>2-3</div>  | N/A | <div>2-1</div>  |
| | 2TES2 | ON | NONE | MOM | | OPEN | |
| | 2TES3 | ON | OFF | ON | | | |
| | 2TES4 | MOM | OFF | MOM | | | |
| | 2TES5 | ON | OFF | MOM | | | |
| | 2TES9 | OFF | NONE | ON | OPEN | N/A | 2-1 |
| DP | 2TED1 | ON | NONE | ON | <div>2-3,5-6</div>  | N/A | <div>2-1,5-4</div>  |
| | 2TED2 | ON | NONE | MOM | | OPEN | |
| | 2TED3 | ON | OFF | ON | | | |
| | 2TED4 | MOM | OFF | MOM | | | |
| | 2TED5 | ON | OFF | MOM | | | |

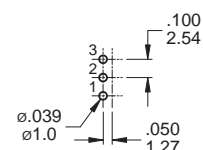
MOM=MOMENTARY

POLE OPTIONS

M2



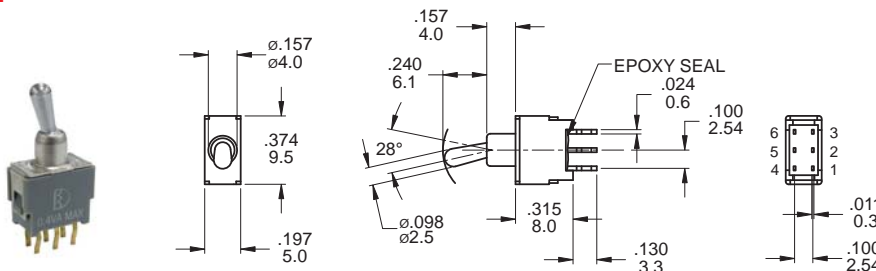
P.C. MOUNTING



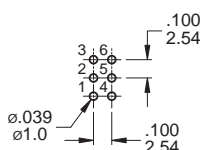
SPDT

Part No. Shown : 2TES1M2RES

M2



P.C. MOUNTING



DPDT

Part No. Shown : 2TED1M2RES

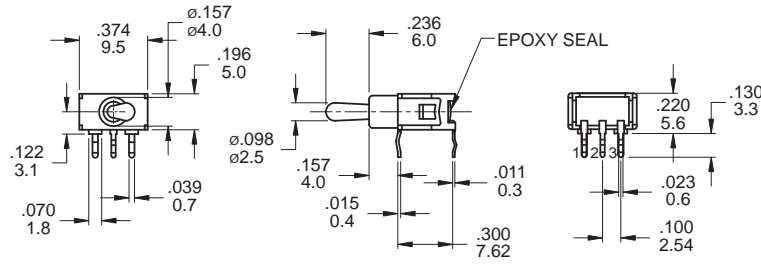
2TE Series

Sub-Miniature Toggle Switches(Washable)

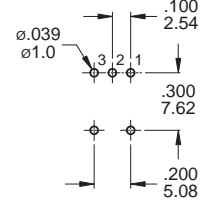


2TE
Toggle Switches

M6



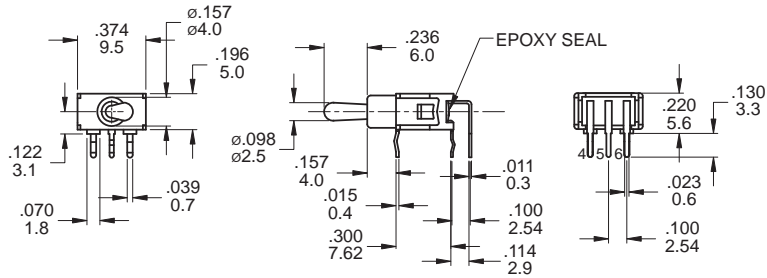
P.C. MOUNTING



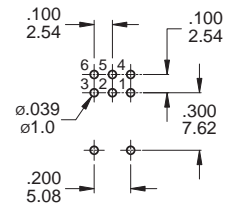
SPDT

Part No. Shown : 2TES1M6RES

M6



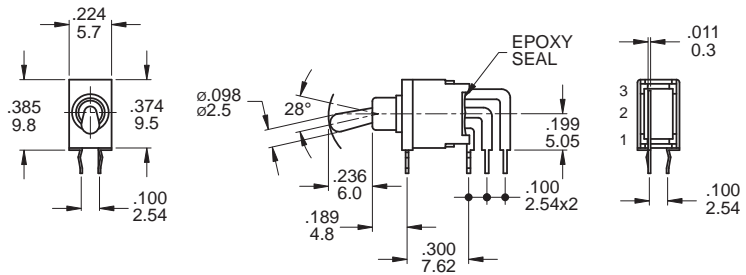
P.C. MOUNTING



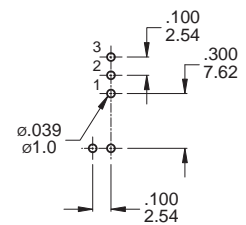
DPDT

Part No. Shown : 2TED1M6RES

M7



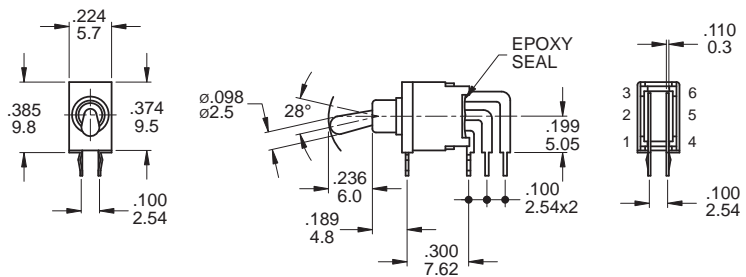
P.C. MOUNTING



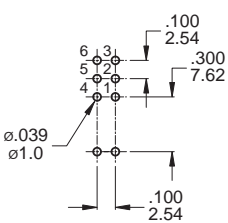
SPDT

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)