

Miniature Toggle Switch

multicomp PRO

**RoHS
Compliant**



Specifications

| | |
|-----------------------|--|
| Contact Configuration | : SPDT, On-None-On |
| Actuator | : 5.08mm Height |
| Bushing | : 7.10mm Height, Keyway (Non-Threaded) |
| Termination | : 11.68mm Height, Vertical Bracket, PC Mount |
| Contact Rating | : 0.4VA Max. @20V Max. (AC or DC) |
| Mechanical Life | : 40,000 make-and-break cycles |
| Contact Resistance | : 10mΩ max. Initial @ 2-4VDC / 100mA |
| Insulation Resistance | : 1,000MΩ min. |
| Dielectric Strength | : 1,000Vrms min. @ sea level |
| Operating Temperature | : -40°C to 85°C |

Material Specifications

| | |
|--------------------|-------------------------------------|
| Case | : Diallyl phthalate (DAP) - UL94V-0 |
| Actuator | : Brass, Chrome Plated |
| Bushing | : Brass, Nickel Plated |
| Housing | : Stainless Steel |
| Switch Support | : Brass, Tin Plated |
| Contact / Terminal | : Copper Alloy, Gold Plated |
| Seal | : Standard Epoxy |

Soldering Process

| | |
|------------------|---|
| Manual Soldering | : Use soldering iron of 30 watts, controlled at 350°C approx. 5sec while applying solder. |
| Wave Soldering | : Recommended soldering Temperature: 270 ±5°C Duration of soldering immersion: Max. 5 sec. (PCB is 1.6mm in thickness) |

Switch Function

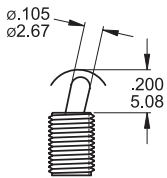
| No. Poles | Switch Function | | |
|-----------|-----------------|-------|-------|
| | Pos.1 | Pos.2 | Pos.3 |
| | | | |
| SP | ON | NONE | ON |

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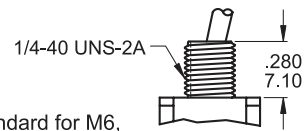
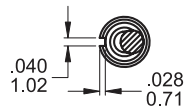
Actuator Option

T2



Bushing Option

B4 NON-THD



B4 is standard for M6, M7 and VS2~5 termination options.

Dimensions : Inches (Millimetres)

Part Number Table

| Description | Part Number |
|---|----------------|
| Miniature Toggle Switch, Non-Illuminated, SPDT, On-None-On, Vertical, PCB | MC1MS1T2B4V2RE |

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