Miniature Toggle Switch

multicomp PRO

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

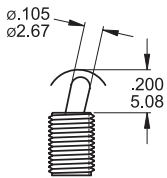|	
Manual Soldering	: Use soldering iron of 30 watts, controlled at 350°C approx. 5sec while applying solder.
Wave Soldering	: Recommended soldering Temperature: 270 ±5°C Duration of soldering immersion: Max. 5 sec. (PCB is 1.6mm in thickness)

Switch Function

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

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Actuator Option

T2

ø.105
ø2.67

.200
5.08

Bushing Option

B4 NON-THD

.040
1.02

.028
0.71

1/4-40 UNS-2A

.280
7.10
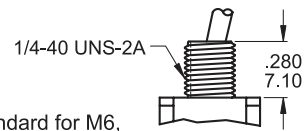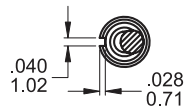
B4 is standard for M6, M7 and VS2~5 termination options.

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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