

Miniature Toggle Switch



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

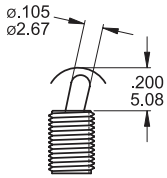


Miniature Toggle Switch



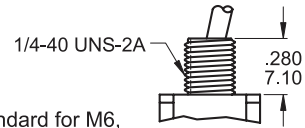
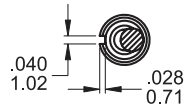
Actuator Option

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell Limited 2016.

