

RoHS  
Compliant



## Specifications

Contact Configuration	: SPDT, On-None-On
Actuator	: 6.10mm Height
Bushing	: SP, 4.65mm Height
Termination	: Vertical, Through Hole, PC Mount
Contact Rating	: 0.4VA Max. @20V Max. (AC or DC)
Mechanical Life	: 30,000 make-and-break cycles
Contact Resistance	: 20mΩ max. Initial @ 2-4VDC
Contact Current	: 100mA for Gold Plated Contacts
Insulation Resistance	: 1,000MΩ min.
Dielectric Strength	: 1,000Vrms min. @ sea level
Operating Temperature	: -40°C to 85°C

## Material Specifications

Case & Bushing	: Glass Filled Nylon 6.6, Flame Retardant, Heat Stabilized (UL94V-0)
Actuator	: Brass, Chrome Plated, Internal O-ring seal
Switch Support	: Brass, Tin Plated
Contact / Terminal	: Copper Alloy, Gold Plated
Seal	: Standard Epoxy

## Soldering Process

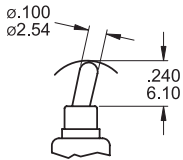
Manual Soldering	: Use soldering iron of 30 watts, controlled at 350°C approx. 5sec while applying solder.
Wave Soldering	: Recommended soldering Temperature: 270 ±5°C Duration of soldering immersion: Max. 5 sec. (PCB is 1.6mm in thickness)

## Switch Function

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

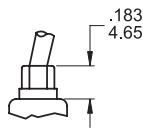
## Actuator Option

T2



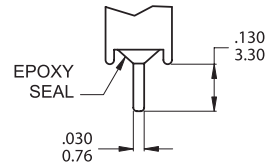
## Bushing Option

A1



## Termination Option

M2



Dimensions : Inches (Millimetres)

## Part Number Table

Description	Part Number
Sealed Sub-Miniature Toggle Switch, Non-Illuminated, SPDT, On-None-On, Vertical, PCB	MC2AS1T2A1M2RE

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