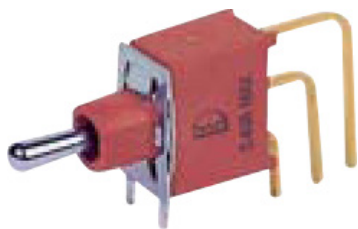


1A Series Sealed Toggle Switch

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**RoHS
Compliant**



Specifications

Contact Rating	: 0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)
Mechanical Life	: 30,000 make-and-break cycles
Contact Resistance	: 10mΩ max. initial @ 2-4V DC 100mA for gold plated contacts
Insulation Resistance	: 1,000MΩ min.
Dielectric Strength	: 1,000Vrms min.@sea level
Operating Temperature	: -30°C to 85°C

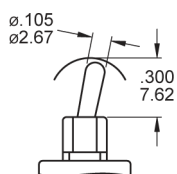
Materials

Case & Bushing	: Glass filled nylon 6/6, flame retardant, heat stabilized
Actuator	: Brass,chrome plated with internal,O-ring seal standard
Switch Support	: Brass or steel,tin plated
Contact / Terminals	: Gold plated

Switch Function

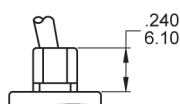
No. Poles	Model No.	Switch Function			Connected Terminals / Schematic		
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 2
SP	1AS1	On	None	On	2-3 	NA	2-1

Actuator Option



Standard with M7 terminations.

Bushing Option



Standard for M7 terminations.

Dimensions : Inches (Millimetres)

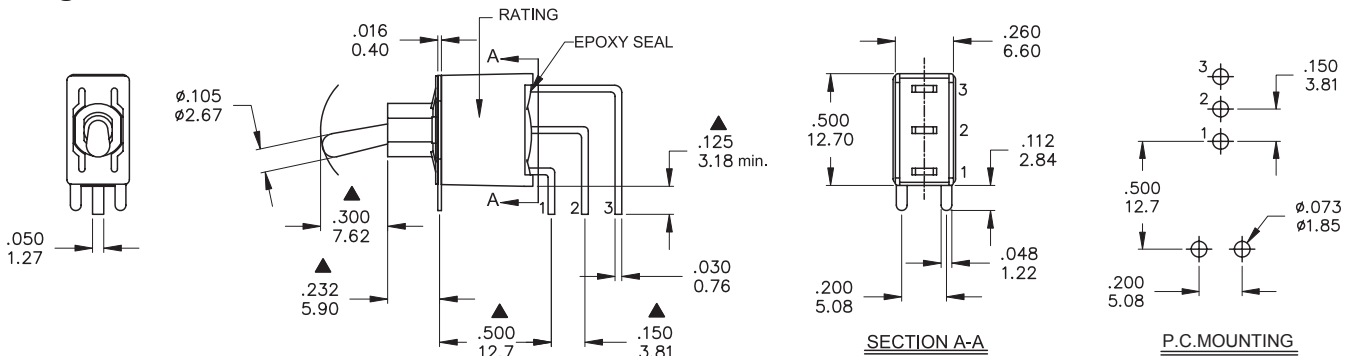
Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

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1A Series Sealed Toggle Switch

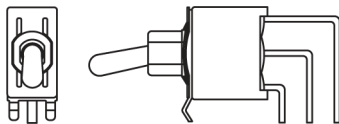
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Diagram



Dimensions : Inches (Millimetres)

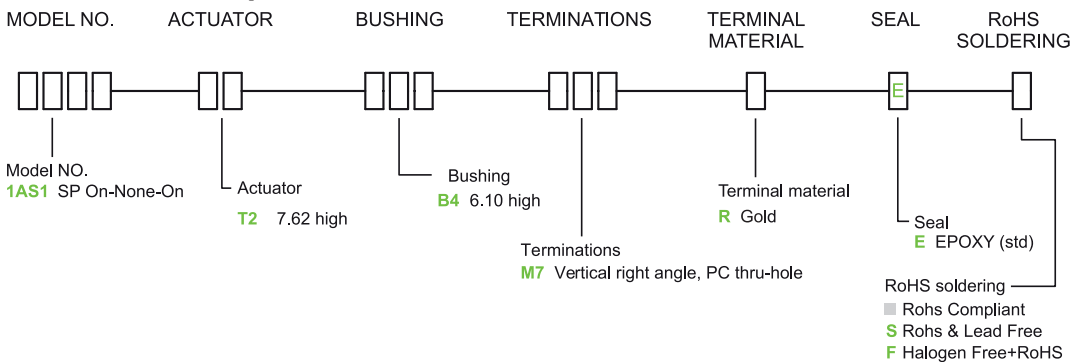
Snap-in Termination Option



Soldering Processes

- Manual Soldering** : Use soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while applying solder.
- Wave Soldering** : Recommended Soldering Temperature: 260± 5°C
Duration of Solder Immersion: Max 5 sec. (PCB is 1.6mm in thickness)

Part Number Explanation



Part Number Table

Description	Part Number
Switch, PCB, SPDT	1AS1T2B4M7RE

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