Sealed Sub-Miniature
Pushbutton Switch

RoHS Compliant



Specifications:

Contact Rating	: 0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)
Mechanical Life	: 50,000 make-and-break cycles
Contact Resistance	: 20mΩ max. initial @ 2-4V DC 100mA for both silver and 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 retardand, heat stabilized
Plunger	: Thermoplastic Polyester, with internal O-ring seal
Switch Support	: Brass or steel electrotin plated
Contact	: Copper alloy,with gold plated

Switch Function

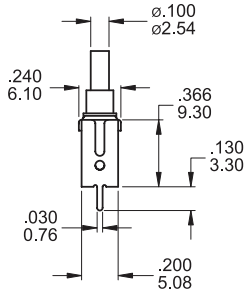
No. Poles	Model No.	Switch Function		Connected Terminals / Schematic	
		Pos. 1	Pos. 2	Pos. 1	Pos. 2
SP	MC8AS9	Off	Momentary	Open	1-3

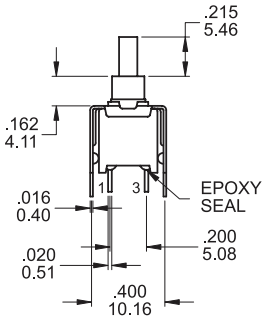
Pole Options

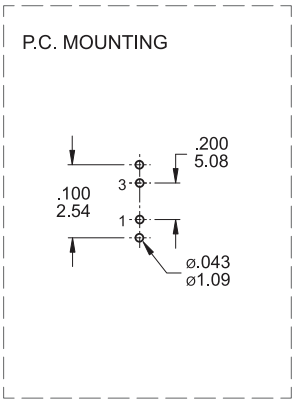
VS2



SPST







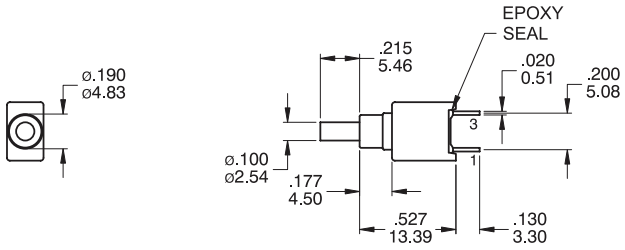
Part No. Shown : MC8AS9P1A1VS2RES

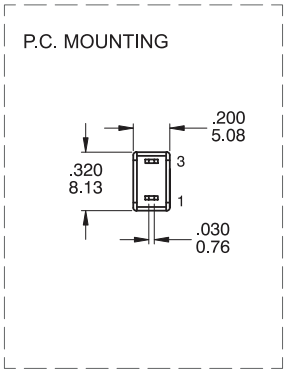
Dimensions : Inches (Millimetres)

Sealed Sub-Miniature
Pushbutton Switch

M2







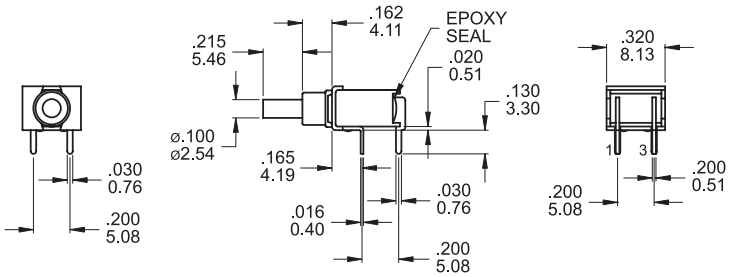
SPST

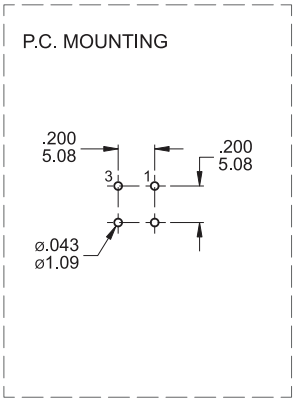
Part No Shown : MC8AS9P1A1M2RES

Dimensions : Inches (Millimetres)

M6







SPST

Part No Shown : MC8AS9P1A1M6RES

Dimensions : Inches (Millimetres)

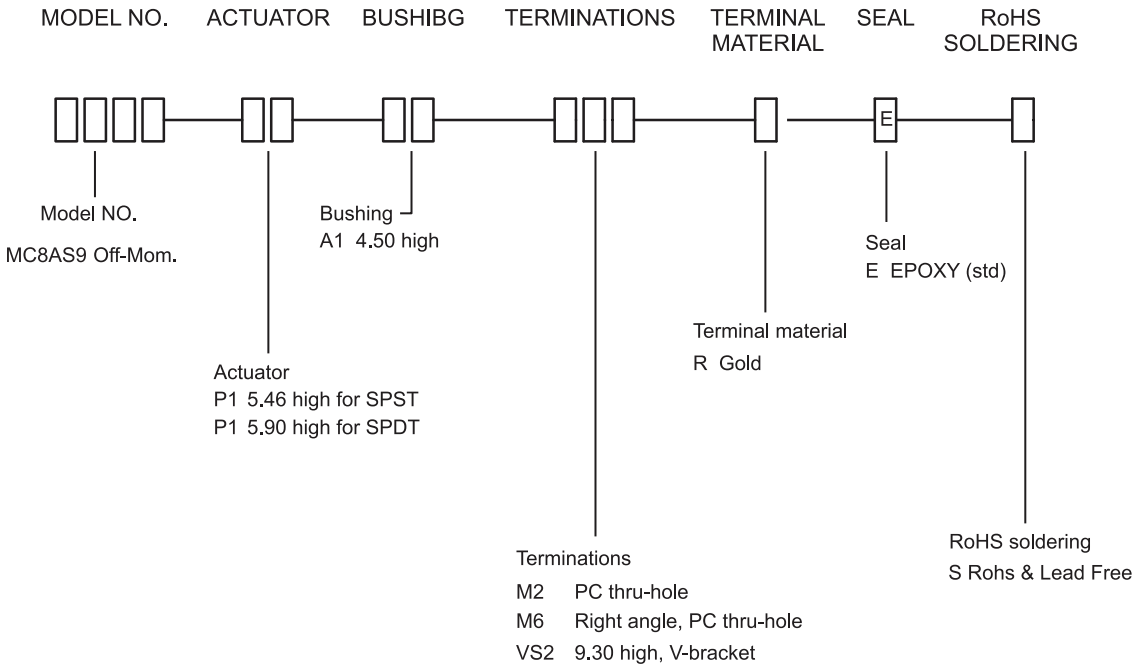
Soldering Processes

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)

Sealed Sub-Miniature
Pushbutton Switch

Ordering Information



Part Number Table

Description	Part Number
Switch, SPST, 0.4VA, 20V, THT	MC8AS9P1A1VS2RES
Switch, SPST, OFF-MOM, R/A, Sealed	MC8AS9P1A1M2RES
Switch, SPST, OFF-MOM, Bracket, Sealed	MC8AS9P1A1M6RES

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