

Pushbutton Switches

Sub-Miniature



Specifications:

Contact rating	: Dependent upon contact material
Mechanical life	: 50,000 make-and-break cycles
Maximum contact resistance	: 20 mΩ initial at 2-4 V dc 100 mA for both silver and gold plated contacts
Minimum insulation resistance	: 1,000 MΩ
Dielectric strength	: 1,000 V rms at sea level
Operating temperature	: -30°C to 85°C
Degree of protection	: IP67

Materials:

Case and bushing	: Glass filled nylon 66, flame retardant, heat stabilized
Plunger	: Thermoplastic Polyester with internal O-ring seal
Switch support	: Brass or steel electro tin plated
Contact	: Copper alloy with silver or gold plated

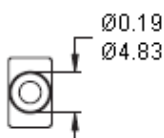
Switch Function

Number of Poles	Model Number	Switch Function		Connected Terminals / Schematic	
		Position 1	Position 2	Position 1	Position 2
SP	8AS9	OFF	MOM	Open	1-3

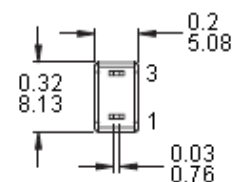
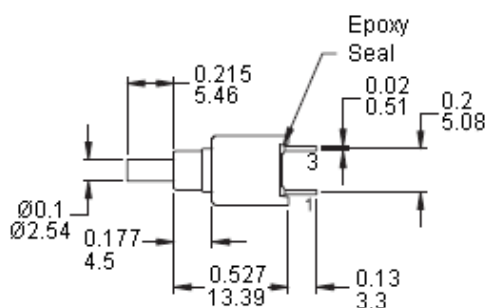
MOM = Momentary

Pole Options

SPST



8AS9P1A1M2RES



Dimensions : Inches (Millimetres)

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Soldering Process:

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 : Maximum 5 seconds (PCB is 1.6 mm in thickness)

Soldering : Vapour phase

Part Number Table

Description	Part Number
Switch, SPST, Off-MOM, PCB, Sealed	8AS9P1A1M2RES
Switch, SPST, Off-MOM, Right / Angle Sealed	8AS9P1A1M6RES
Switch, SPST, Off-MOM, Bracket, Sealed	8AS9P1A1VS2RES

Part Number Explanation:

8AS9

Model
Number

P1A1

Terminations

M2

R

Contact
Material

E

Seal

S

RoHS
Soldering

Model Number : 8AS9 = Off-Mom
Terminations : M2 = PC thru-hole, M6 = Right angle, PC thru-hole and VS2 = 9.3 high, V-bracket
Contact Material : R = Gold
Seal : E = Epoxy (std)
RoHS Soldering : S = RoHS and Lead Free

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