



SPECIFICATIONS

CONTACT RATING: Dependent upon contact material See Page 120.

MECHANICAL LIFE: 50,000 make-and-break cycles.

CONTACT RESISTANCE: 20 mΩ max. initial @ 2-4VDC
100mA for both silver and gold plated contacts.

INSULATION RESISTANCE: 1,000 MΩ min.

DIELECTRIC STRENGTH: 1,000 Vrms min.@sea level.

OPERATING TEMPERATURE: -40°C to 85°C.

MATERIALS

CASE: Diallyl phthalate(DAP) (UL94V-0).

PLUNGER: Nylon 6/6,black.

BUSHING: Brass or zinc,nickel plated.

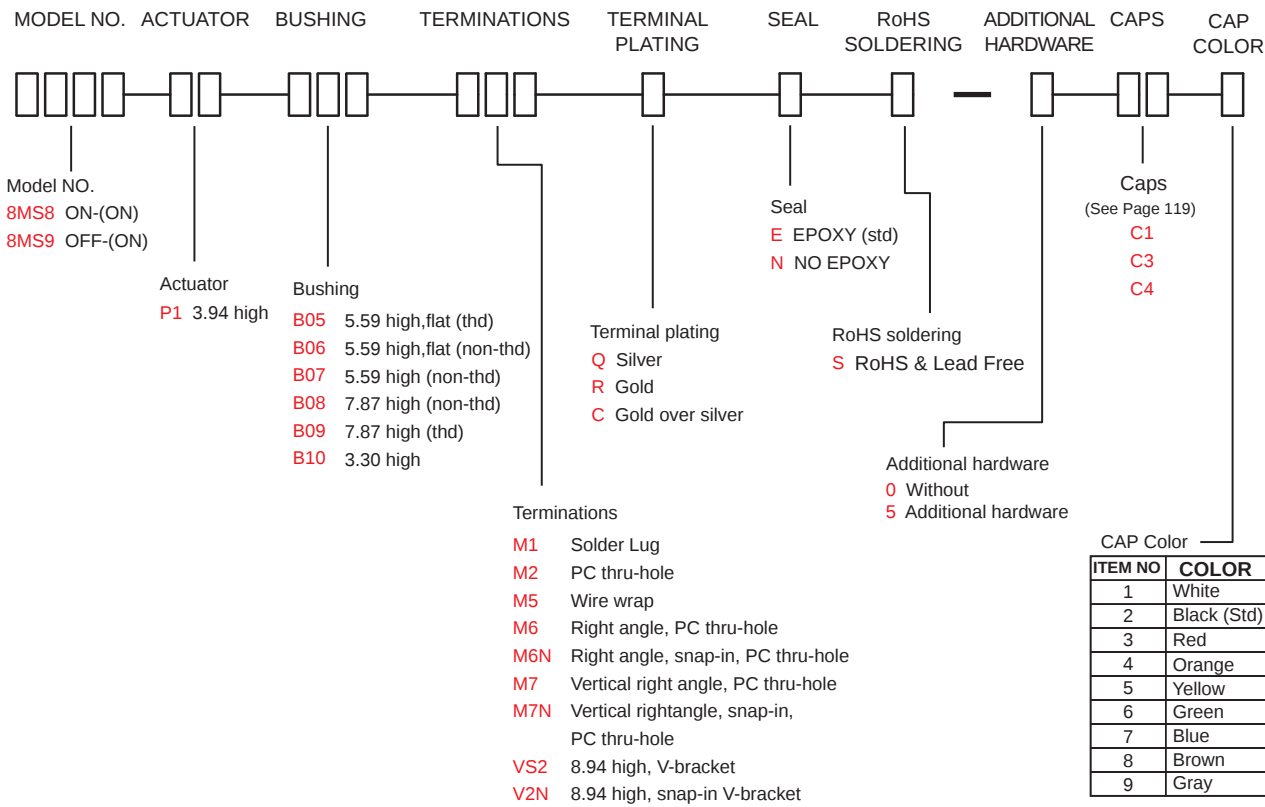
HOUSING: Stainless Steel.

SWITCH SUPPORT: Brass,tin plated.

CONTACT/TERMINAL: Copper alloy or Brass, with silver or gold plated.(See Page 120)



HOW TO ORDER



* Besides standard color, other colors need to check stocks available.

8M Series

Sub-Miniature Pushbutton Switches

SWITCH FUNCTION

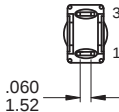
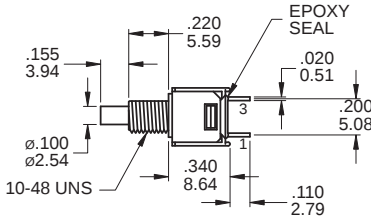
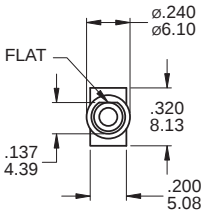
NO. POLES	UL/CSA MODEL NO.	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS / SCHEMATIC	
			POS.1	POS.2	POS.1	POS.2
SP	Q2818	8MS8	ON	(ON)	2-1 	2-3
	Q2819	8MS9	OFF	(ON)	OPEN	1-3

()=MOMENTARY

POLE OPTIONS

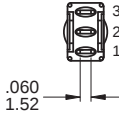
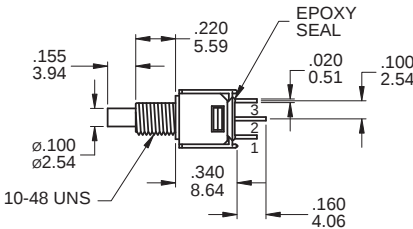
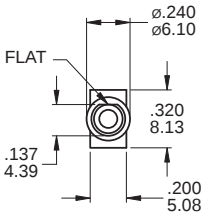


8M
Pushbutton Switches



SPST

Part No. Shown : 8MS9P1B05M1QES

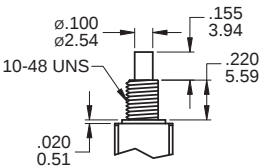
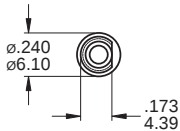


SPDT

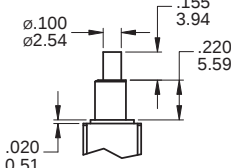
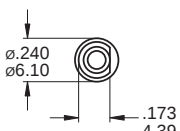
Part No. Shown : 8MS8P1B05M1QES

BUSHING OPTIONS

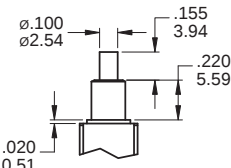
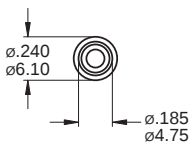
B05 THD



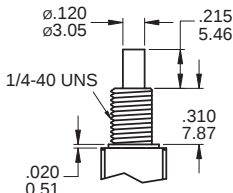
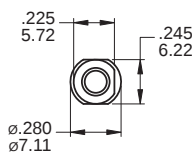
B06 NON-THD



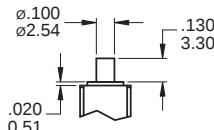
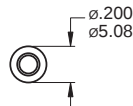
B07 NON-THD



B08 NON-THD
B09 THD

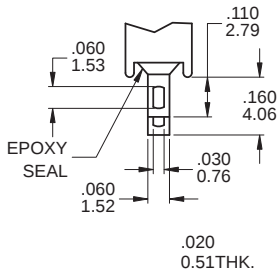


B10

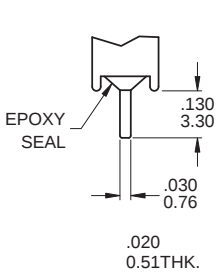


TERMINATION OPTIONS

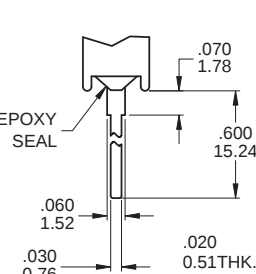
M1 Solder lug



M2 PC Thru-hole



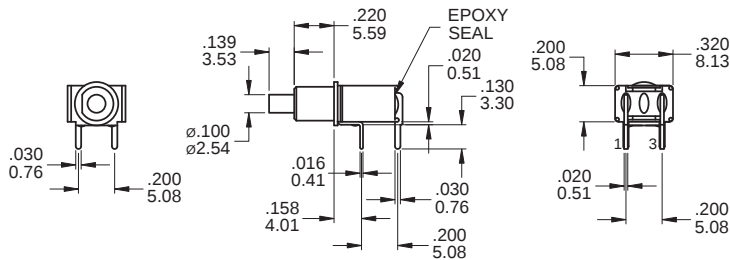
M5 Wire Wrap



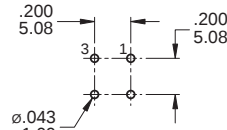
OTHER TERMINATION OPTIONS

- M6** Right angle P.C. Mount
- M6N** Right angle P.C. Mount with snap-in bracket
- M7** Right angle P.C. Mount
- M7N** Right angle P.C. Mount with snap-in bracket
- VS2** Right angle P.C. Mount
- V2N** Vertical bracket P.C. Mount with snap-in bracket

M6



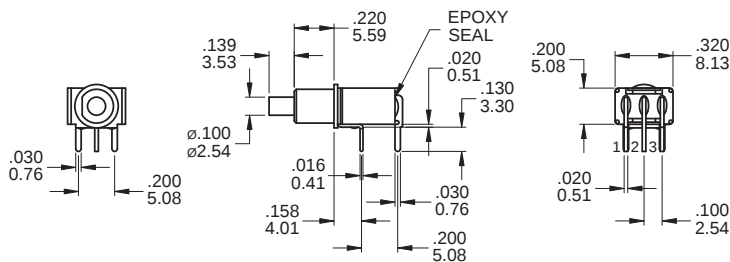
P.C. MOUNTING



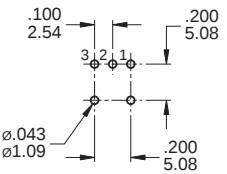
SPST

Part No. Shown : 8MS9P1B06M6RES

M6



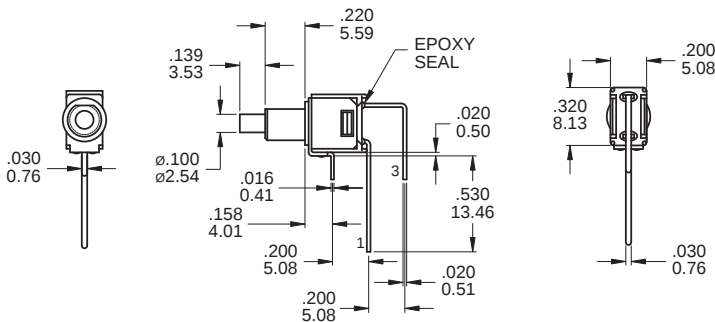
P.C. MOUNTING



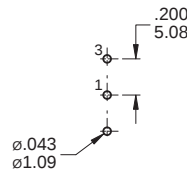
SPDT

Part No. Shown : 8MS8P1B06M6QES

M7



P.C. MOUNTING



SPST

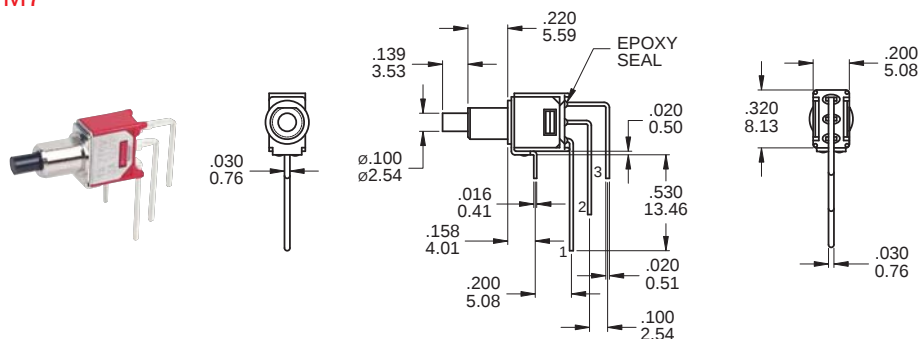
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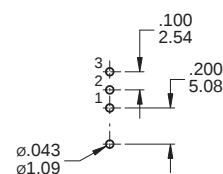
8M Series

Sub-Miniature Pushbutton Switches

M7



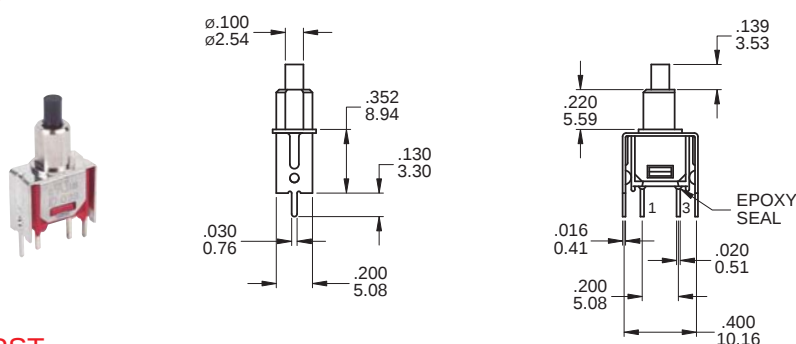
P.C. MOUNTING



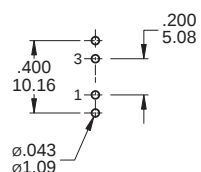
SPDT

Part No. Shown : 8MS8P1B06M7QES

VS2



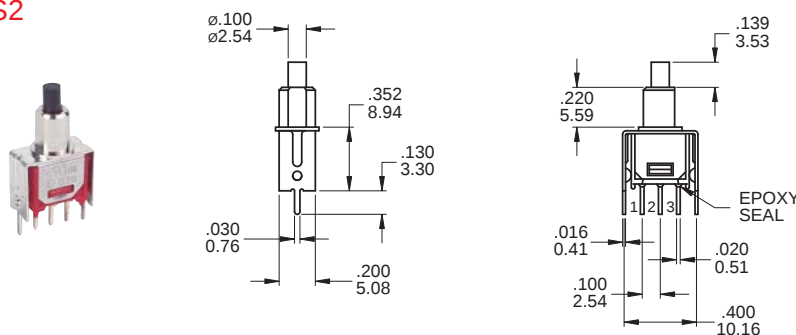
P.C. MOUNTING



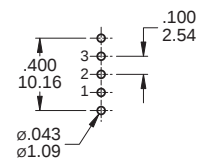
SPST

Part No. Shown : 8MS9P1B06VS2QES

VS2



P.C. MOUNTING

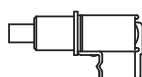


SPST

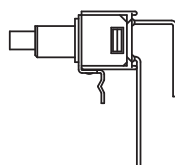
Part No. Shown : 8MS8P1B06VS2QES

SNAP-IN TERMINATION OPTIONS

M6N



M7N



V2N



Mouser Electronics

Authorized Distributor

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[8MS9B6VS2QES](#) [8MS8P1B05VS2QES](#)