

SPECIFICATIONS

CONTACT RATING: Dependent upon contact material See Page 85.

MECHANICAL LIFE: 30,000 make-and-break cycles.

CONTACT RESISTANCE: 10 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).

HOUSING: Stainless Steel.

ACTUATOR: Nylon, black std.

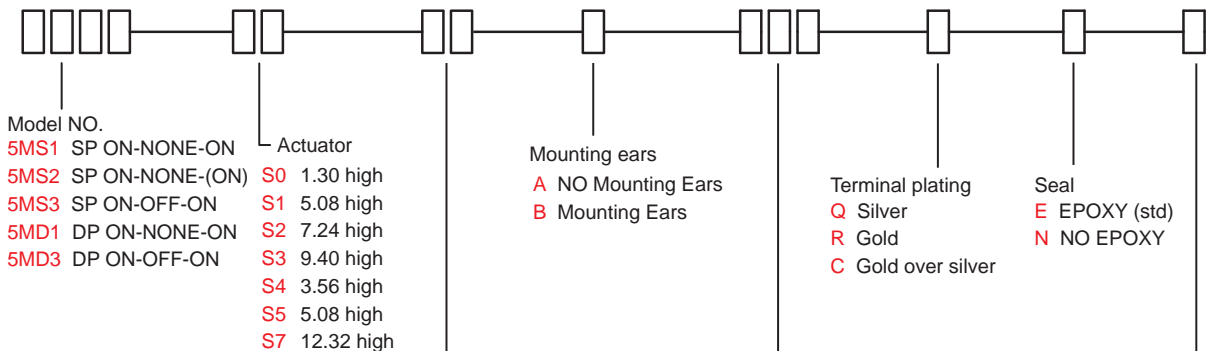
CONTACT/TERMINALS: Copper alloy, with silver or gold plated.

TERMINAL SEAL: Epoxy.



HOW TO ORDER

MODEL NO. ACTUATOR ACTUATOR COLOR MOUNTING EARS TERMINATIONS TERMINAL PLATING SEAL RoHS SOLDERING



Actuator color

ITEM NO	COLOR
01	White
02	Black (Std)
03	Red
04	Orange
05	Yellow
06	Green
07	Blue
08	Brown
09	Gray

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

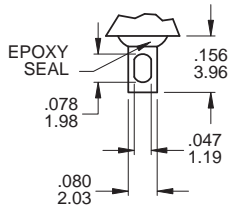
Terminations

- M1** Solder Lug
- M2** PC thru-hole
- M3** Quick Connect
- M51** 18.70 high, wire wrap
- M52** 24.20 high, wire wrap
- M53** 10.55 high, wire wrap
- M54** 26.97 high, wire wrap
- M6** Right angle, PC thru-hole
- M7** Vertical right angle, PC thru-hole
- VS2** V-bracket, Not applicable for the actuator of S5

RoHS soldering
S RoHS & Lead Free

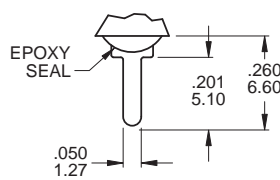
TERMINATION OPTIONS

M1 Solder lug



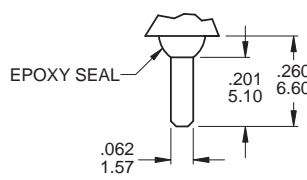
.030(0.76) THK.

M2 PC Thru-hole



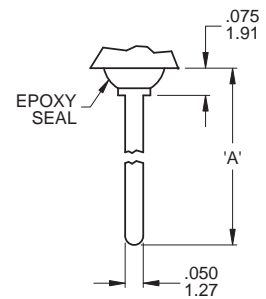
.030(0.76) THK.

M3 Quick connect



THK .030(0.76)

M5 Wire Wrap



THK .030(0.76)

OTHER TERMINATION OPTIONS

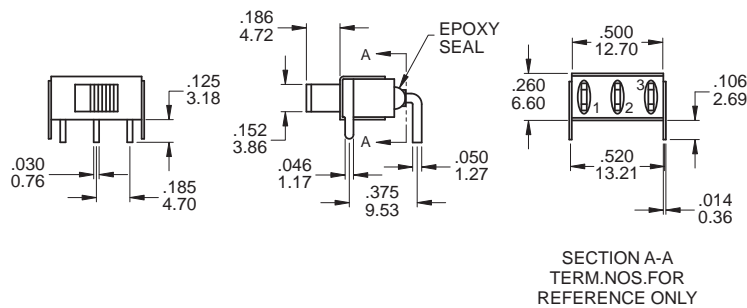
M6 Right angle P.C. Mount

M7 Right angle P.C. Mount

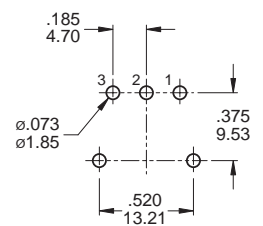
VS2 Vertical bracket P.C. Mount

OPTION CODE	DIM. 'A'
M51	.736 (18.70)
M52	.953 (24.20)
M53	.415 (10.55)
M54	1.062 (26.97)

M6



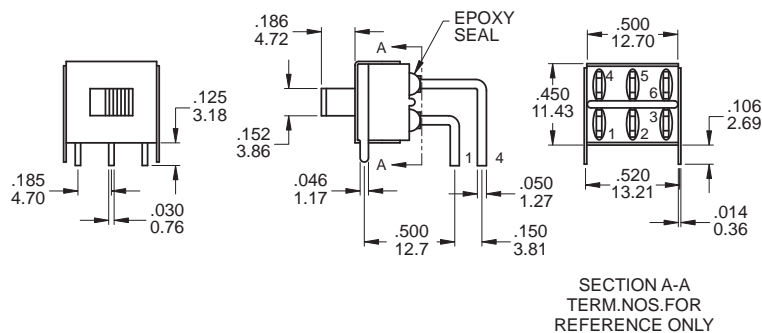
P.C. MOUNTING



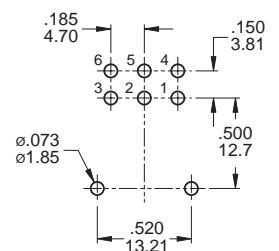
SPDT

Part No. Shown : 5MS1S102AM6QES

M6



P.C. MOUNTING



DPDT

Part No. Shown : 5MD1S102AM6QES

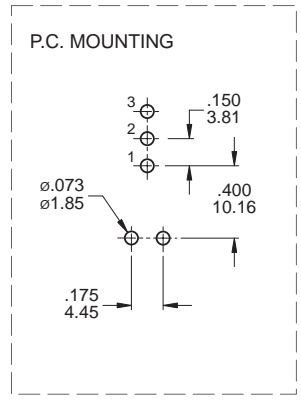
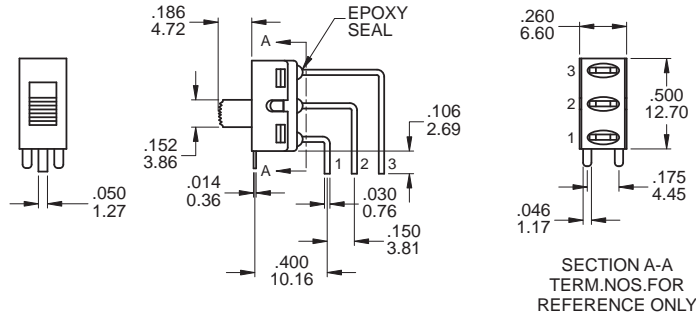


5M
Slide Switches

5M Series

Slide Switches

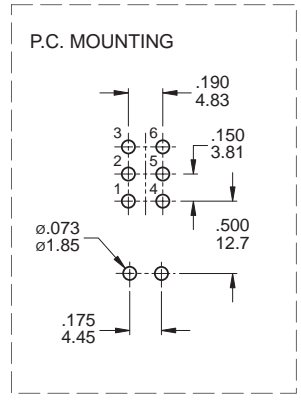
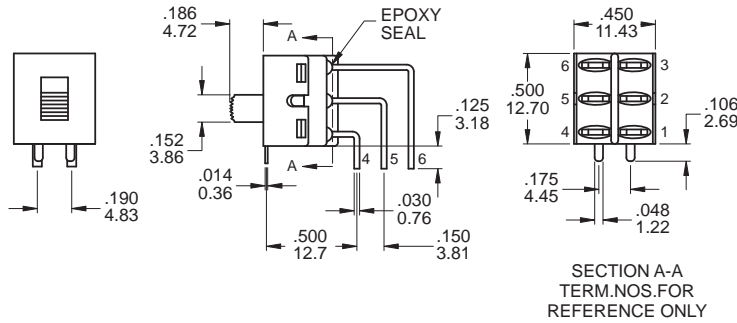
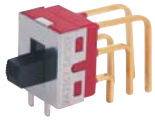
M7



SPDT

Part No. Shown : 5MS1S102AM7QES

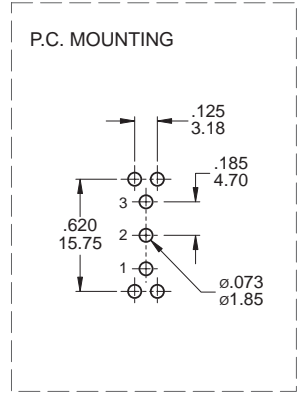
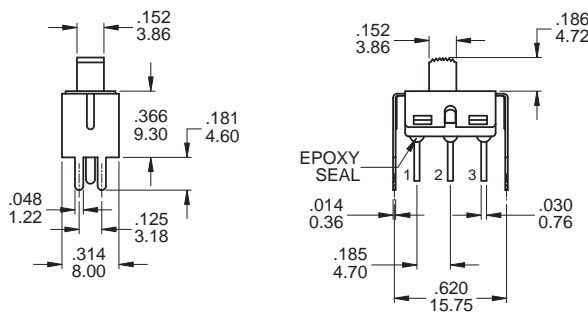
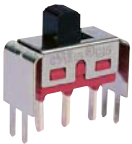
M7



DPDT

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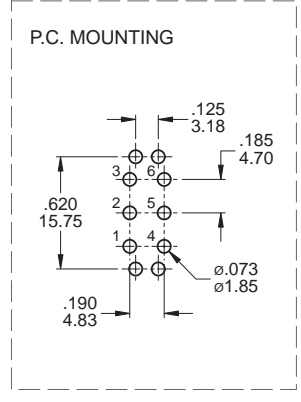
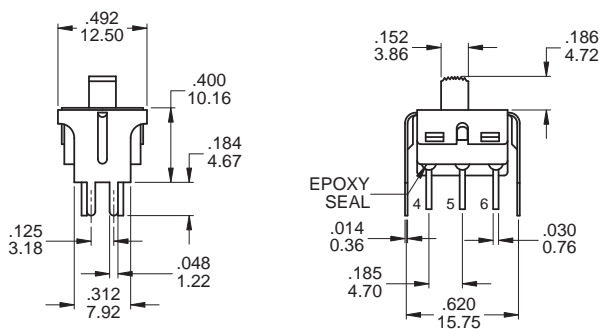
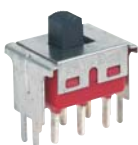
VS2



SPDT

Part No. Shown : 5MS1S102AVS2QES

VS2



DPDT

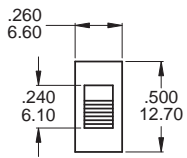
Part No. Shown : 5MD1S102AVS2QES

5M
Slide Switches

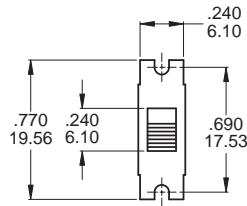
MOUNTING EARS / PANEL MOUNT

MOUNTING EARS

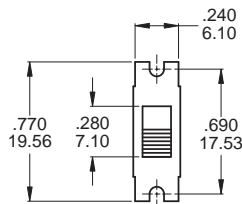
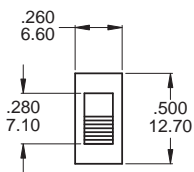
"A" WITHOUT MOUNTING EARS



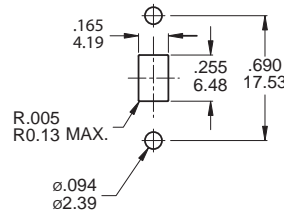
"B" WITH MOUNTING EARS



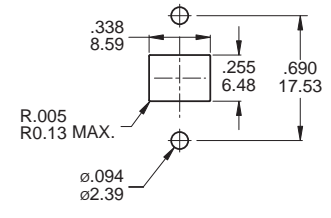
THREE POSITIONS ONLY



PANEL MOUNTING

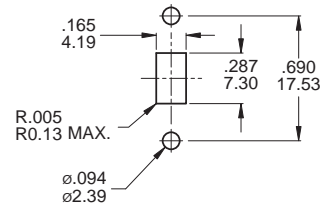


For S0,S1,S2,S3,S4 actuator



For S5 actuator only

THREE POSITIONS ONLY



For S0,S1,S2,S3,S4 actuator

CONTACT MATERIAL OPTIONS

	CONTACT PLATING	TERMINAL PLATING	RATINGS
Q	Silver	Silver	5 Amps with resistant load @ 120VAC or 28VDC 2 Amps with resistant load @ 250VAC
C	Gold over Silver	Gold over silver	
R	Gold	Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)

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 : 270 ± 5°C

Duration of Solder Immersion : Max 5sec. (PCB is 1.6mm in thickness)

