

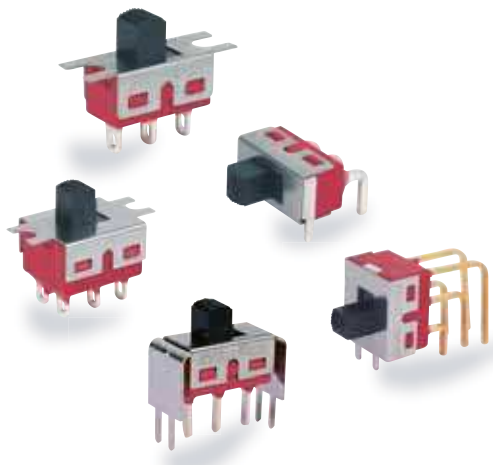


**HESTORE.HU**

elektronikai alkatrész áruház

**EN:** This Datasheet is presented by the manufacturer.

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## SPECIFICATIONS

- CONTACT RATING:** Dependent upon contact material.
- MECHANICAL LIFE:** 30,000 make-and-break cycles.
- CONTACT RESISTANCE:** 10mΩ max. initial @ 2-4VDC  
100mA for both silver and gold plated contacts.
- INSULATION RESISTANCE:** 1,000MΩ min.
- DIELECTRIC STRENGTH:** 1,000 V RMS@sea level.
- OPERATING TEMPERATURE:** -30°C to 85°C.

## MATERIALS

- CASE:** Diallyl phthalate (DAP) (UL94v-0).
- HOUSING:** Stainless Steel.
- ACTUATOR:** Nylon, black std.
- CONTACT:** Silver or gold plated.
- TERMINAL SEAL:** Epoxy. (See Page 92)

## HOW TO ORDER

Slide Switches

MODEL NO.	ACTUATOR	ACTUATOR COLOR	MOUNTING EARS	TERMINATIONS	CONTACT MATERIAL	SEAL	ROHS SOLDERING																																																																																						
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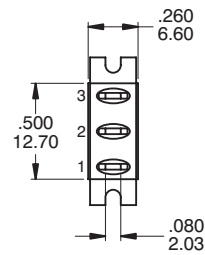
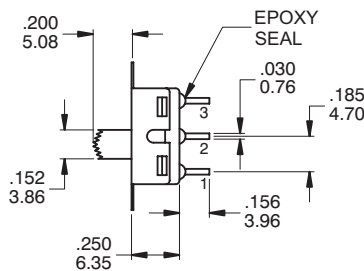
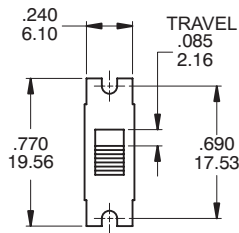
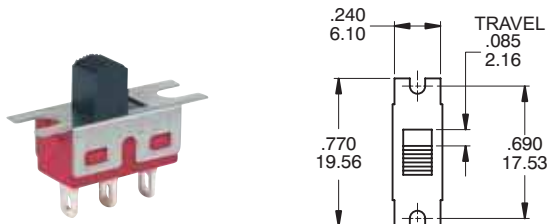
ITEM NO	COLOR
1	White
2	Black (Std)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray

# SWITCH FUNCTION

NO. POLES	UL/CSA MODEL NO.	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
			POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	Q1511	5MS1	ON	NONE	ON	2-1	N/A	2-3
	Q1512	5MS2	ON	NONE	MOM			
	Q1513	5MS3	ON	OFF	ON			OPEN
DP	Q1521	5MD1	ON	NONE	ON	2-1,5-4	N/A	2-3,5-6
	Q1523	5MD3	ON	OFF	ON			
OPEN								

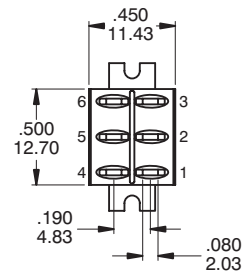
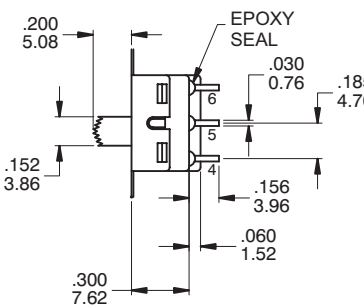
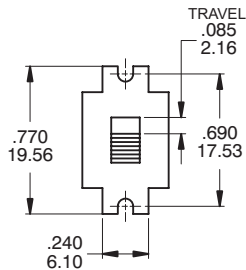
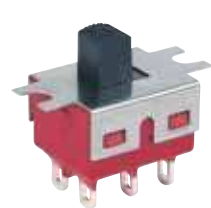
MOM=MOMENTARY

# POLE OPTIONS



SPDT

Part No. Shown : 5MS1S12BM1QE

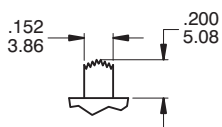


DPDT

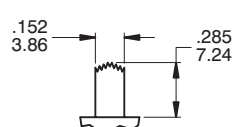
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# ACTUATOR OPTIONS

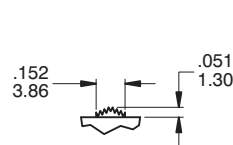
S1 STD



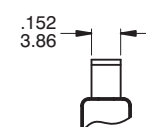
S2



S0

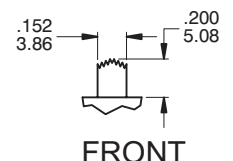


FRONT



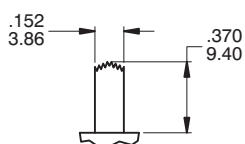
For S0,S1,S2,S3,S4

▲ S5

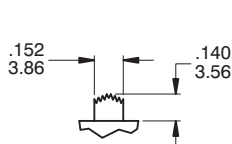


FRONT

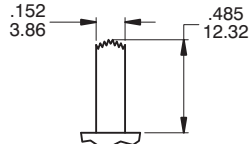
S3



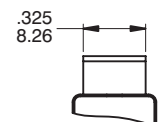
S4



S7



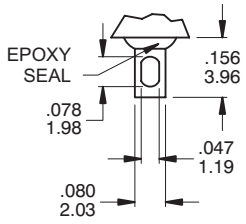
\* Subtract .014(0.36) from Actuator height for M6, M7 P.C. MOUNTING OPTION.



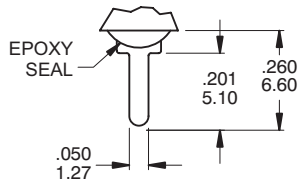
FOR DPDT ONLY

**TERMINATION OPTIONS**

**M1 SOLDER LUG**

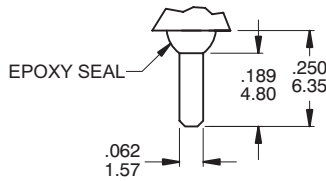


**M2 PC THRU-HOLE**



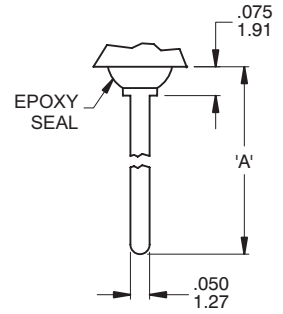
.030(0.76) THK.

**M3 QUICK CONNECT**



THK .030(0.76)

**M5 WIRE WRAP**



THK .030(0.76)

**OTHER TERMINATION OPTIONS**

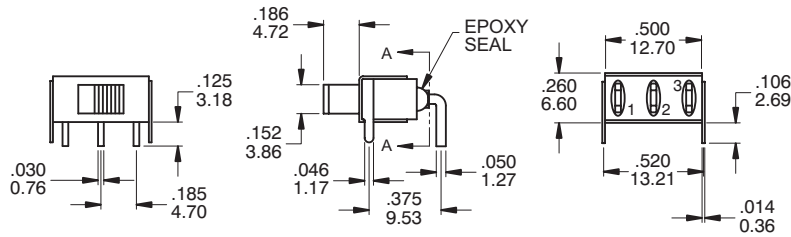
- M6 RIGHT ANGLE P.C. MOUNT
- M7 RIGHT ANGLE P.C. MOUNT
- VS2 VERTICAL BRACKET P.C. MOUNT

RE Mating Quick Connector  
Amp P/N 60900-1

OPTION CODE	DIM. 'A'
M5-1	.736 (18.70)
M5-2	.953 (24.20)
M5-3	.415 (10.55)
M5-4	1.062 (26.97)

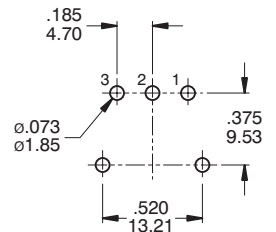
Slide Switches

**M6**



SECTION A-A  
TERM.NOS.FOR  
REFERENCE ONLY

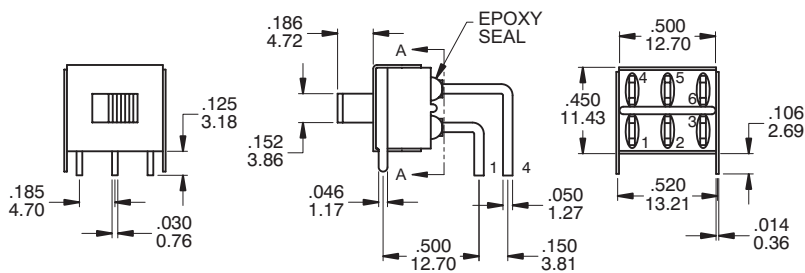
P.C. MOUNTING



**SPDT**

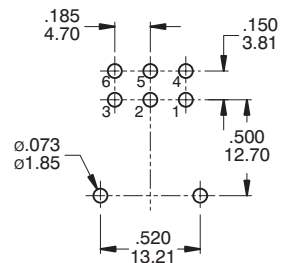
Part No. Shown : 5MS1S12AM6QE

**M6**



SECTION A-A  
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REFERENCE ONLY

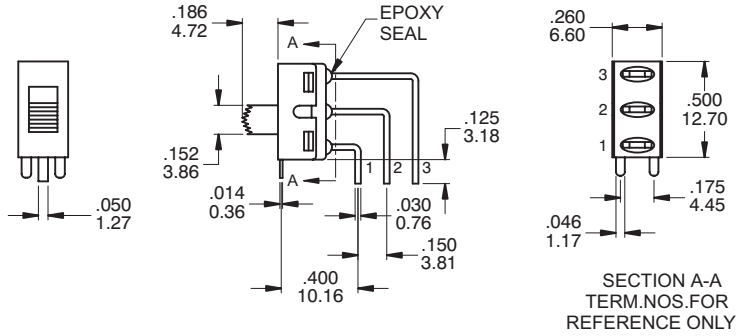
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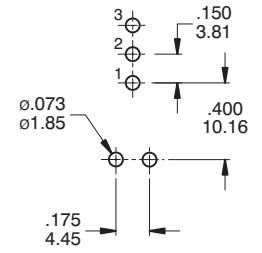
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**M7**



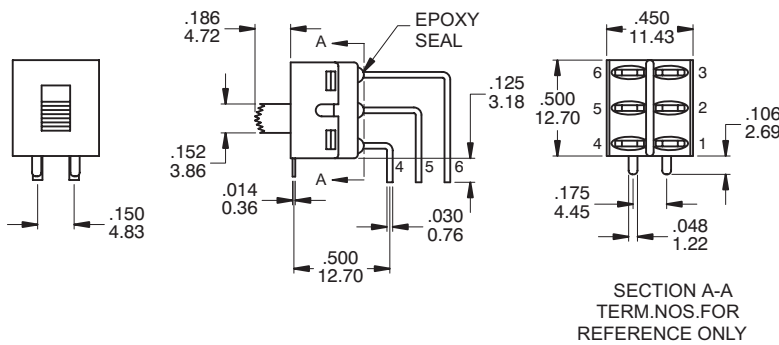
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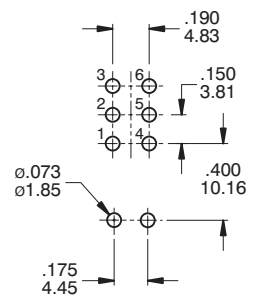
**SPDT**

Part No. Shown : 5MS1S12AM7QE

**M7**



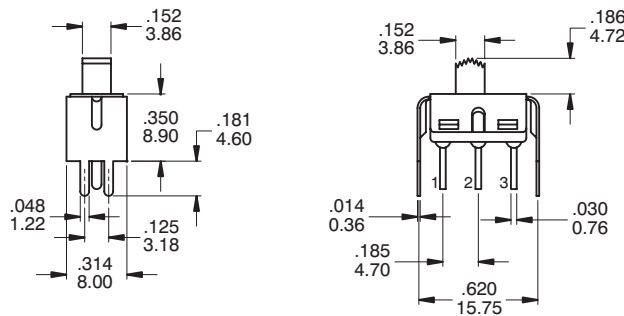
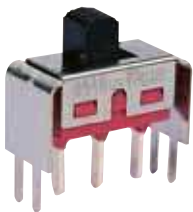
P.C. MOUNTING



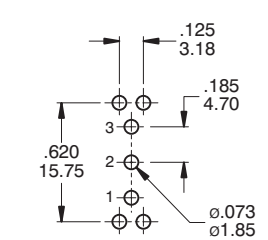
**DPDT**

Part No. Shown : 5MD1S12AM7RE

**VS2**



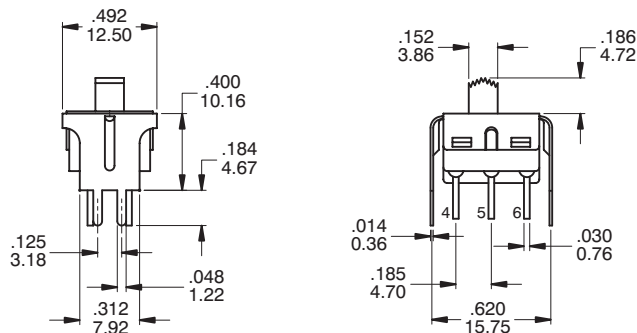
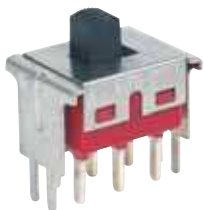
P.C. MOUNTING



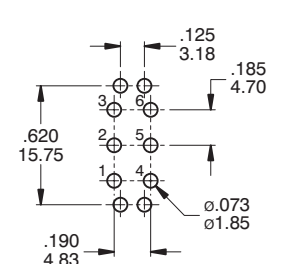
**SPDT**

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**VS2**



P.C. MOUNTING

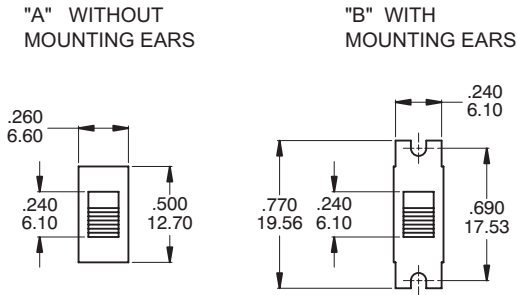


**DPDT**

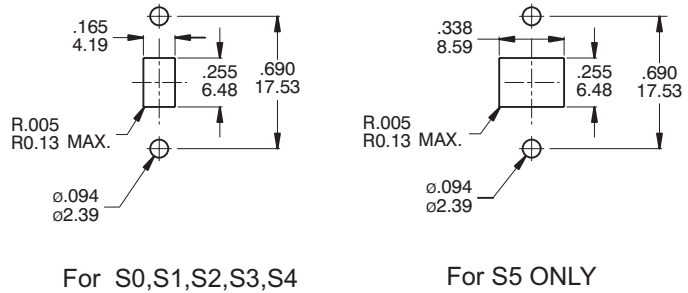
Part No. Shown : 5MD1S12AVS2QE

**MOUNTING EARS / PANEL MOUNTING**

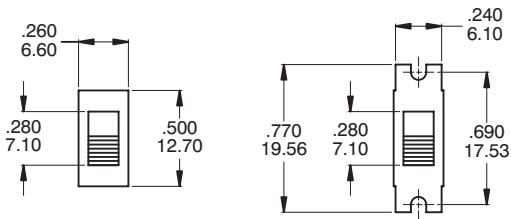
**MOUNTING EARS**



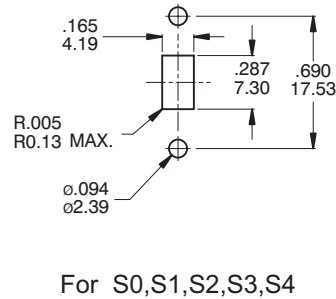
**PANEL MOUNTING**



**THREE POSITIONS ONLY**



**THREE POSITIONS ONLY**



Slide Switches

**CONTACT MATERIAL OPTIONS**

	CONTACT MATERIAL	TERMINAL PLATING	RATINGS
<b>Q</b>	Silver	Q = Silver	5 Amps with resistant load @ 120VAC or 28VDC 2 Amps with resistant load @ 250VA
<b>S</b>		S = Silver,pure - tin	
<b>C</b>	Gold over Silver	C = Gold over silver	
<b>K</b>		K = Gold over silver,pure - tin	
<b>R</b>	Gold	R = Gold	0.4 Volt - Amps ( VA ) max. @ 20V max. ( AC or DC )
<b>G</b>		G = Gold,pure - tin	



**SOLDERING PROCESSES**

MANUAL SOLDERING : Use soldering iron of 30 watts, controlled st 350°C approximately 5 seconds while applying solder.

WAVE SOLDERING : Recommended Soldering Temperature : 260 ± 5°C  
 Duration of Solder Immersion : 5 ± 1 seconds  
 (PCB is 1.6mm in thickness)

**SOLDERING : Vapor phase**

