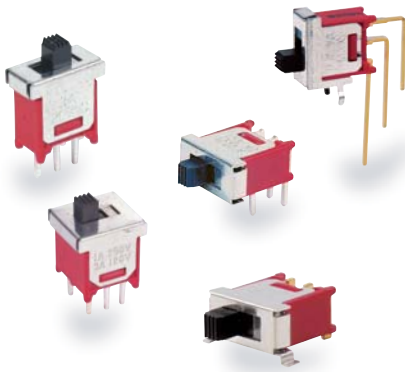


5F Series

Sub-Miniature Slide Switches



SPECIFICATIONS

CONTACT RATING: Dependent upon contact material See Page 89.

MECHANICAL LIFE: 30,000 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.(std)
-30°C to 85°C.(SMT)

MATERIALS

CASE: Diallyl phthalate (DAP) (UL94v-0).

HOUSING: Stainless steel or phosphor bronze,tin plated.

ACTUATOR: Nylon,black std.

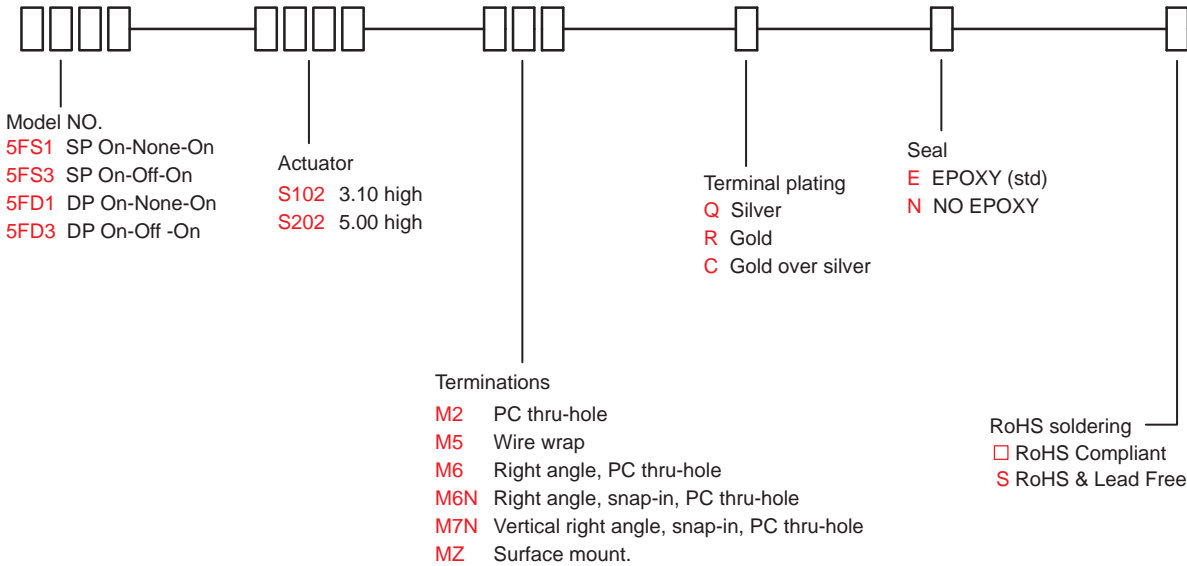
CONTACT: Brass or copper alloy,with silver or gold plated.

TERMINALS: Copper alloy,with silver and gold plated.



HOW TO ORDER

MODEL NO. ACTUATOR TERMINATIONS TERMINAL PLATING SEAL RoHS SOLDERING

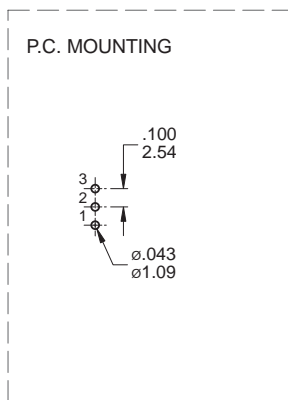
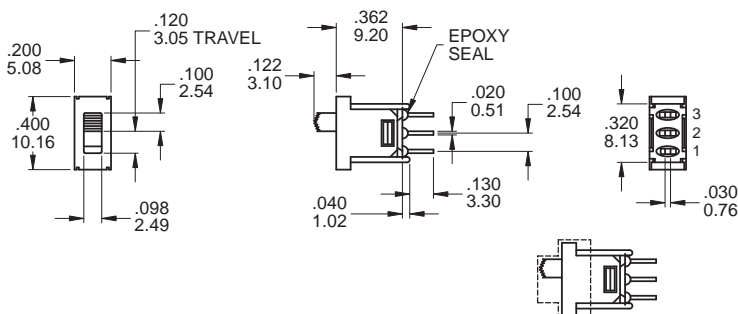


SWITCH FUNCTION

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	Q2511	5FS1	ON	NONE	ON	2-1	N/A	2-3
	Q2513	5FS3	ON	OFF	ON		OPEN	
DP	Q2521	5FD1	ON	NONE	ON	2-1,5-4	N/A	2-3,5-6
	Q2523	5FD3	ON	OFF	ON		OPEN	

MOM=MOMENTARY

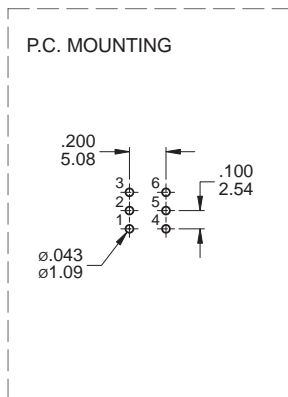
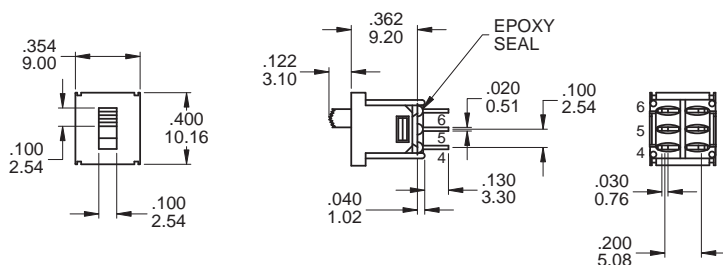
POLE OPTIONS



SPDT

Part No. Shown : 5FS1S102M2QE

Waterproof transparent cover

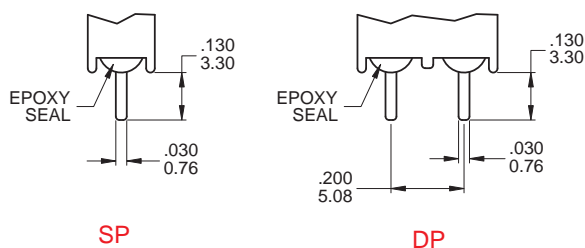


DPDT

Part No. Shown : 5FD1S102M2QE

TERMINATION OPTIONS

M2 PC Thru-hole



SP

DP

OTHER TERMINATION OPTIONS

M6 Right angle P.C. Mount

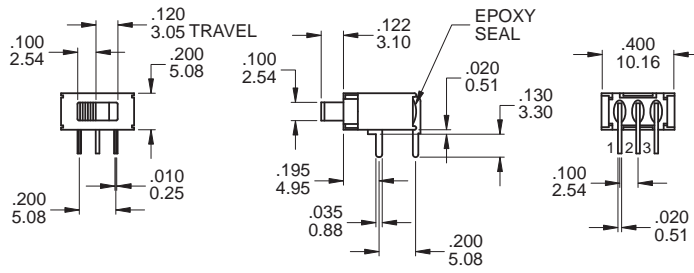
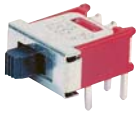
M6N Snap-in, Right angle P.C. Mount

5F Series

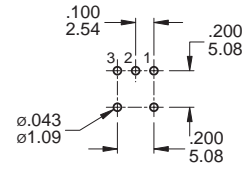
Sub-Miniature Slide Switches

5F
Slide Switches

M6



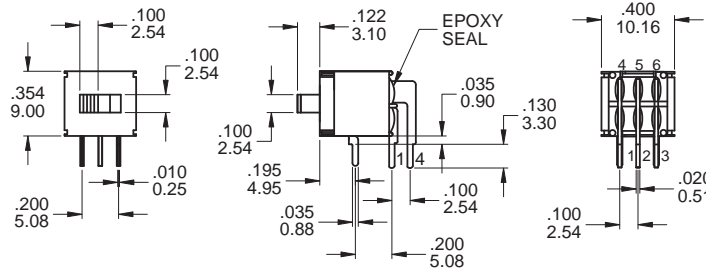
P.C. MOUNTING



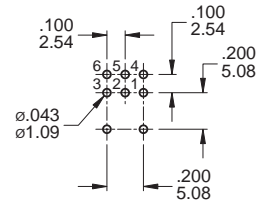
SPDT

Part No. Shown : 5FS1S102M6QE

M6



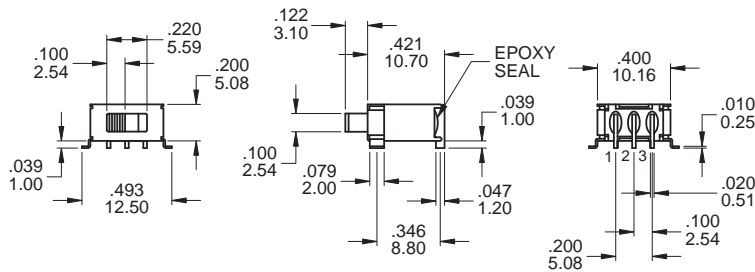
P.C. MOUNTING



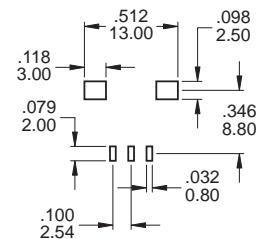
DPDT

Part No. Shown : 5FD1S102M6RE

MZ



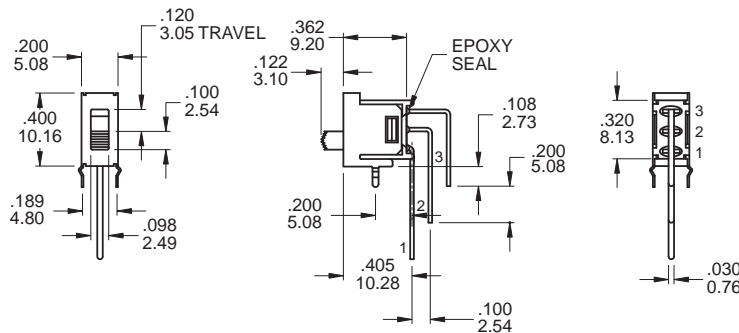
P.C. MOUNTING



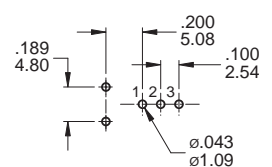
SPDT

Part No. Shown : 5FS1S102MZRE

M7N (SP only)



P.C. MOUNTING

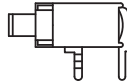


SPDT

Part No. Shown : 5FS1S102M7NRE

SNAP-IN TERMINATION OPTIONS

M6N



CONTACT MATERIAL OPTIONS

	CONTACT PLATING	TERMINAL PLATING	RATINGS
Q	Silver	Q = Silver	3 Amps with resistant load @ 120VAC or 28VDC 1 Amps with resistant load @ 250VAC
C	Gold over Silver	C = Gold over silver	
R	Gold	R = 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 5 sec. (PCB is 1.6mm in thickness)



5F
Slide Switches