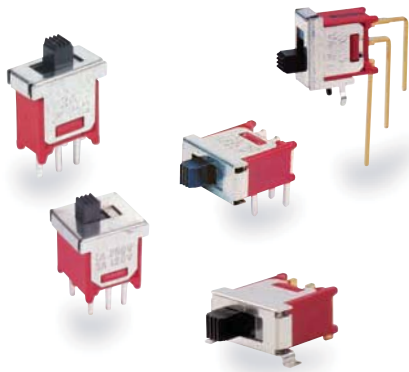




SPECIFICATIONS

CONTACT RATING: Dependent upon contact material See Page 91.

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: -30°C to 85°C.

MATERIALS

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

HOUSING: Brass, tin plated.

ACTUATOR: Nylon, black std.

CONTACT: Brass, with silver or gold plated.

TERMINAL SEAL: Copper alloy, with silver and gold plated .
(See Page 91)



5F
Slide Switches

HOW TO ORDER

MODEL NO.	ACTUATOR	TERMINATIONS	CONTACT MATERIAL	SEAL	ROHS SOLDERING
MODEL NO. 5FS1 SP On-None-On 5FS3 SP On-Off-On 5FD1 DP On-None-On 5FD3 DP On-Off -On	ACTUATOR S102 3.10 high S202 5.00 high	TERMINATIONS M2 PC thru-hole M5 Wire wrap M6 Right angle, PC thru-hole M6N Right angle, snap-in, PC thru-hole M7 Vertical right angle, PC thru-hole MT (STD) Right angle, surface mount.	CONTACT MATERIAL Q Silver R Gold G Gold, pure-tin S Silver, pure-tin C Gold over silver K Gold over silver, pure-tin	SEAL E EPOXY (std) N NO EPOXY	☐ RoHS Compliant ☐ RoHS & Lead Free ☐ Halogen Free+RoHS

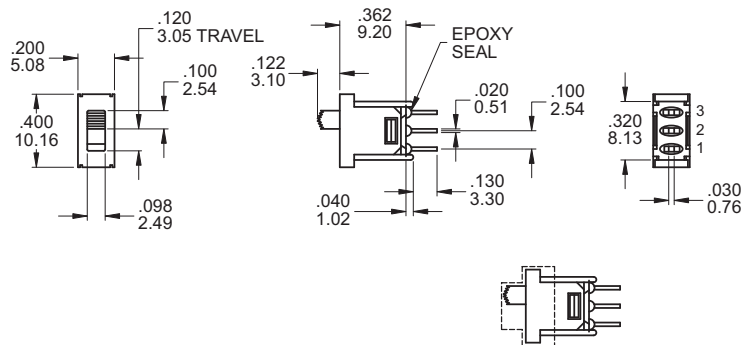
SWITCH FUNCTION

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	1 • 2 (COMM) • 3	OPEN	1 • 2 (COMM) • 3
DP	Q2521	5FD1	ON	NONE	ON	2-1,5-4	N/A	2-3,5-6
	Q2523	5FD3	ON	OFF	ON	1 • 2 (COMM) • 3 4 • 5 • 6	OPEN	1 • 2 (COMM) • 3 4 • 5 • 6

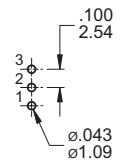
MOM=MOMENTARY

POLE OPTIONS**SPDT**

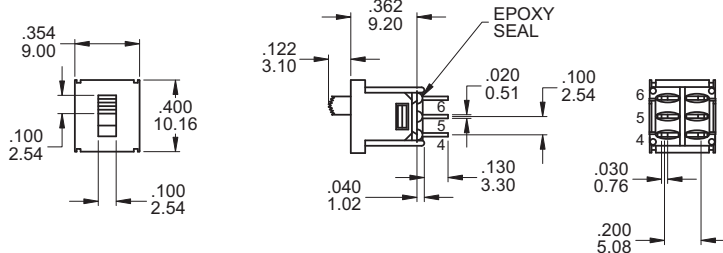
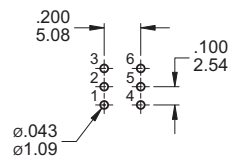
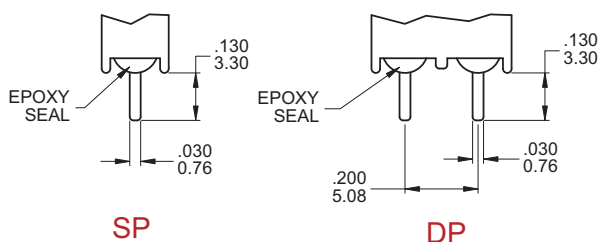
Part No. Shown : 5FS1S102M2QE



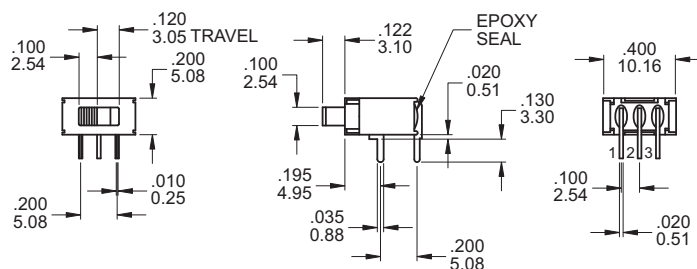
Waterproof transparent cover

P.C. MOUNTING**DPDT**

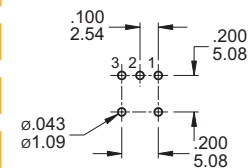
Part No. Shown : 5FD1S102M2QE

**P.C. MOUNTING****TERMINATION OPTIONS****M2 PC THRU-HOLE****OTHER TERMINATION OPTIONS****M6** RIGHT ANGLE P.C. MOUNT**M6N** SNAP - IN
RIGHT ANGLE P.C. MOUNT

M6



P.C. MOUNTING



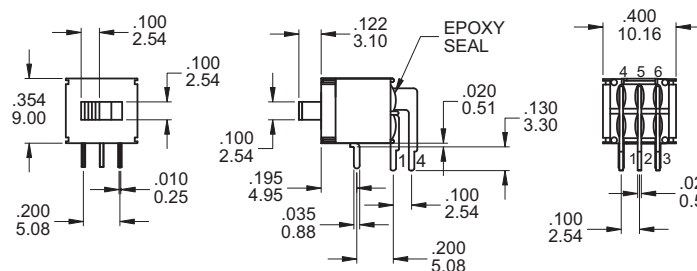
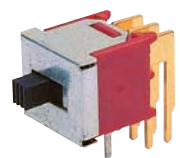
SPDT

Part No. Shown : 5FS1S102M6QE

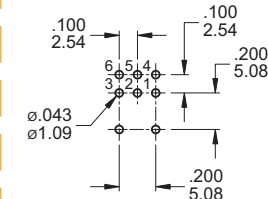


5F
Slide Switches

M6



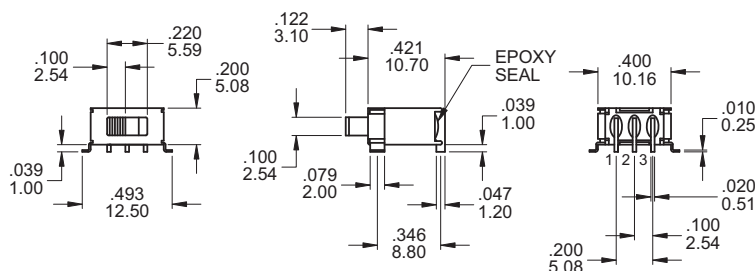
P.C. MOUNTING



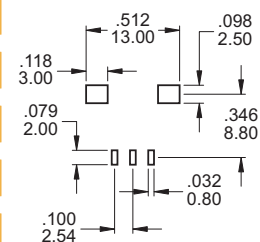
DPDT

Part No. Shown : 5FD1S102M6RE

MZ



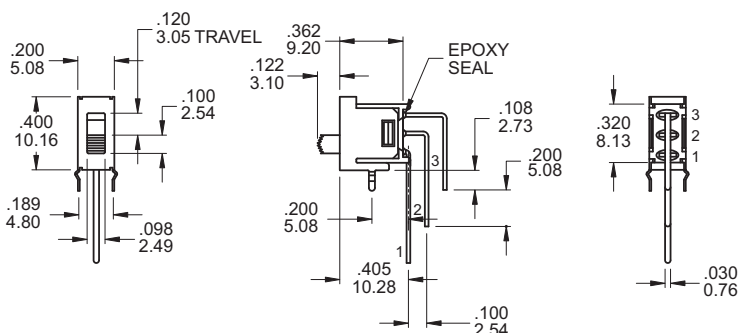
P.C. MOUNTING



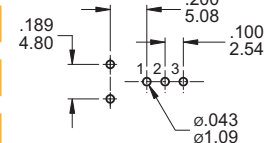
SPDT

Part No. Shown : 5FS1S102MZRE

M7N

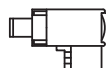


P.C. MOUNTING



DPDT

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
S		S = Silver,pure - tin	
C	Gold over Silver	C = Gold over silver	
K		K = Gold over silver,pure - tin	
R	Gold	R = Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)
G		G = Gold,pure - tin	


5F
Slide Switches
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 : 260 ± 5°C
Duration of Solder Immersion : Max 5 sec.
(PCB is 1.6mm in thickness)

SOLDERING : Vapor phase