

SPECIFICATIONS

- CONTACT RESISTANCE: 50mΩmax. initial .
- MECHANICAL LIFE: 20,000 cycles.
- INSULATION RESISTANCE: 1,000 MΩ min.
- DIELECTRIC STRENGTH: 1,000 Vrms min. @sea level.
- OPERATING TEMPERATURE: -40°C to 80°C.

MATERIALS

- CASE: PBT,white.
- ACTUATOR: PBT,black .
- HOUSING: POM,black .
- CONTACT/TERMINALS: Copper alloy,with silver or gold plated .



HOW TO ORDER

MODEL NO.	ACTUATOR	ACTUATOR COLOR	TERMINATIONS	TERMINAL PLATING	SEAL	RoHS SOLDERING
<div><div></div><div></div><div></div><div></div></div> <div>Model NO. 6MS1 SP On-None-On 6MS3 SP On-Off-On 6MD1 DP On-None-On 6MD3 DP On-Off-On</div>	<div><div></div><div></div></div> <div>Actuator S1 Flush S2 2.80 high S3 Slide S4 6.00 high S5 Slide (DPDT only)</div>	<div><div></div><div></div></div> <div>Actuator color 02 black(std)</div>	<div><div></div><div></div></div> <div>Terminations M1 SPDT - PC thru-hole M2 DPDT - PC thru-hole M3 SPDT - PC thru-hole M4 DTD - PC thru-hole</div>	<div><div></div></div> <div>Terminal plating Q Silver R Gold C Gold over silver</div>	<div><div>E</div></div> <div>Seal E EPOXY (std)</div>	<div><div></div></div> <div>RoHS soldering S RoHS & Lead Free</div>

6M Series

Miniature Slide Switches for P.C. Board

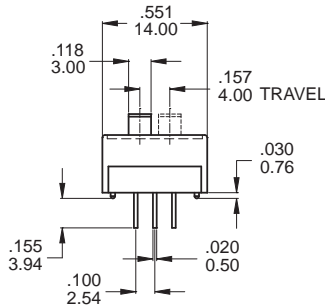
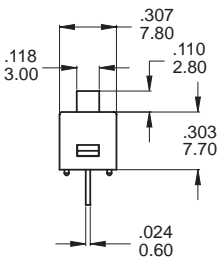
SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	6MS1	ON	NONE	ON	2-1 	OPEN	2-3
	6MS3	ON	OFF	ON	1-2 (COMM) 		1-3
DP	6MD1	ON	NONE	ON	2-1,5-4 	OPEN	2-3,5-6
	6MD3	ON	OFF	ON	1-2 (COMM) 		4-5

POLE OPTIONS



SPDT



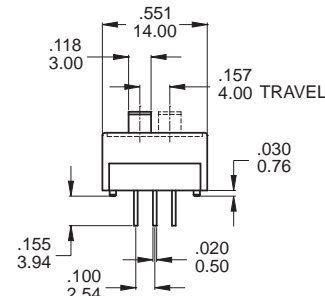
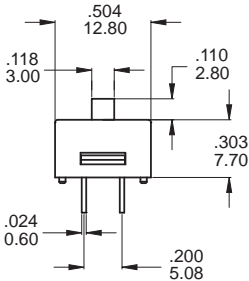
P.C. MOUNTING



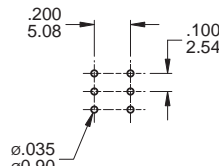
Part No. Shown : 6MS1S202M1QES



DPDT



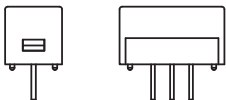
P.C. MOUNTING



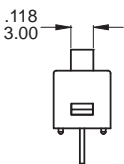
Part No. Shown : 6MD1S202M2QES

ACTUATOR OPTIONS

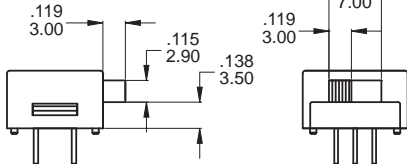
S1



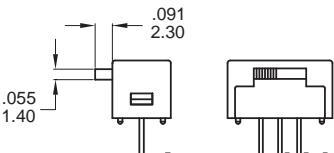
S2



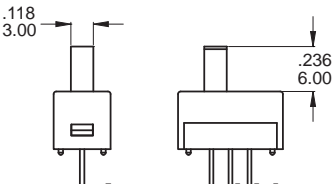
S5 DPDT only



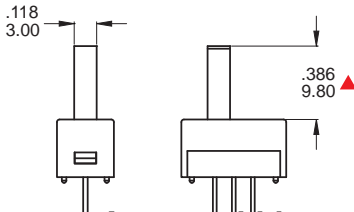
S3



S4

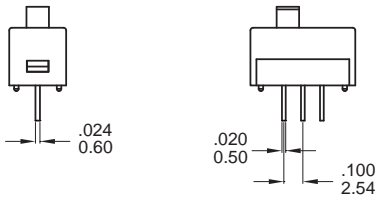


S6



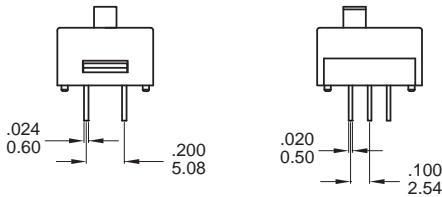
TERMINAL OPTIONS

M1



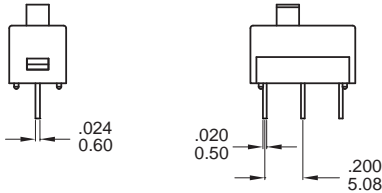
SPDT

M2



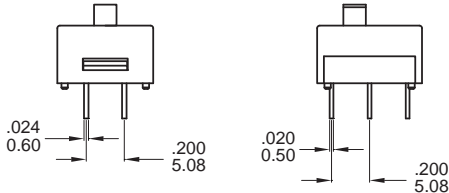
DPDT

M3



SPDT

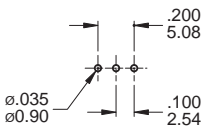
M4



DPDT

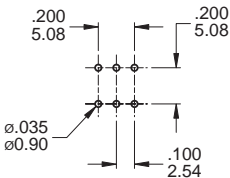
P.C.B MOUNTING

M1



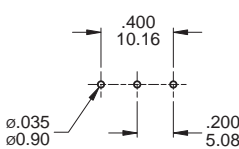
SPDT

M2



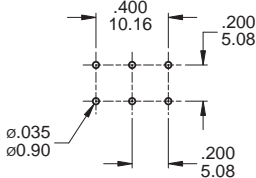
DPDT

M3



SPDT

M4



DPDT

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

WAVE SOLDERING: Recommended Soldering Temperature: 260 ± 5°C

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

