



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.

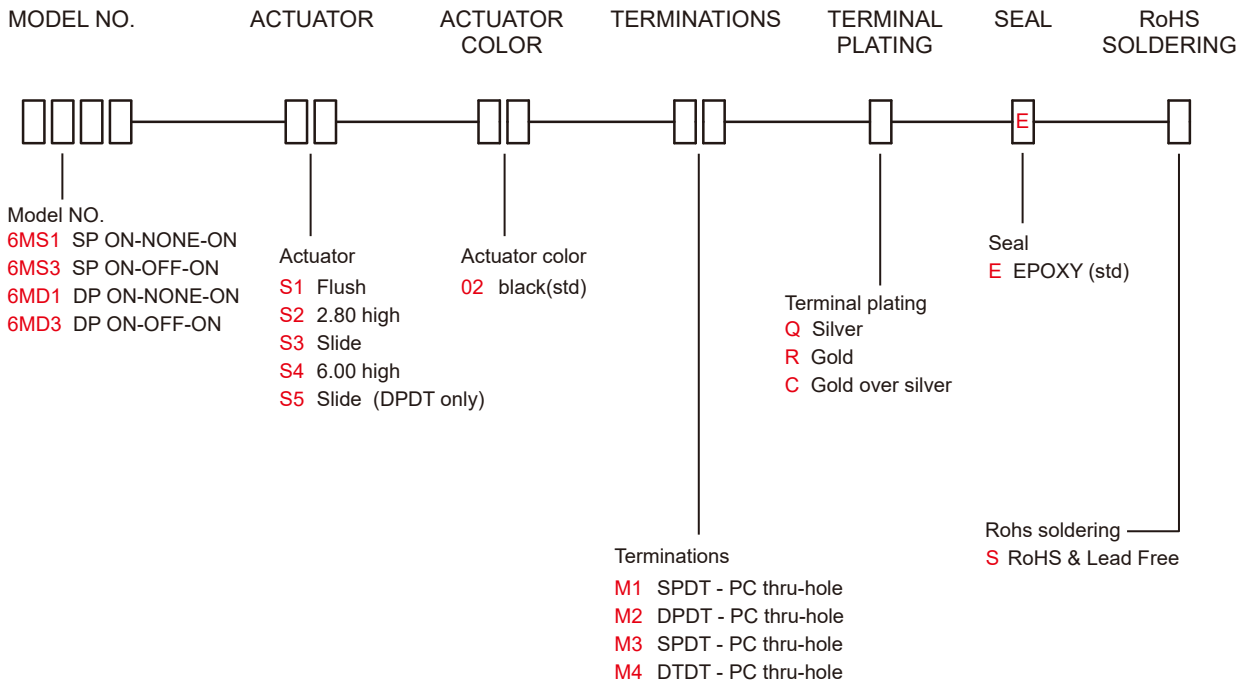


MATERIALS

- CASE: PBT,white.
- ACTUATOR: PBT,black .
- HOUSING: POM,black .
- CONTACT/TERMINALS: Copper alloy,with silver or gold plated .
(See Page 95)




HOW TO ORDER

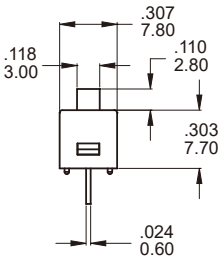


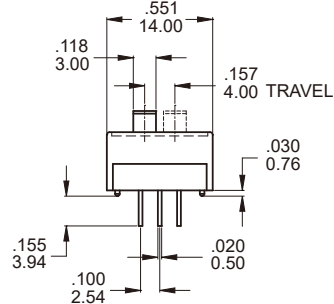
SWITCH FUNCTION

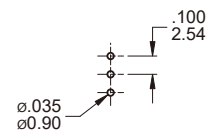
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	6MS1	ON	NONE	ON	2-1	OPEN	2-3
	6MS3	ON	OFF	ON			
DP	6MD1	ON	NONE	ON	2-1,5-4	OPEN	2-3,5-6
	6MD3	ON	OFF	ON			

POLE OPTIONS






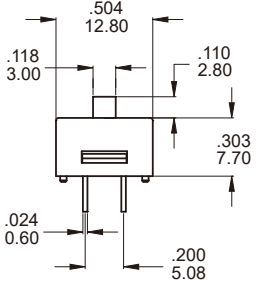


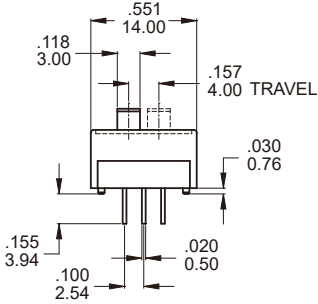


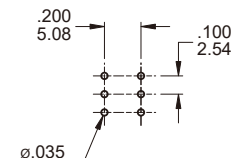
SPDT

Part No. Shown : 6MS1S202M1QES







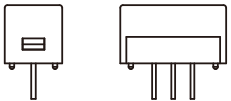


DPDT

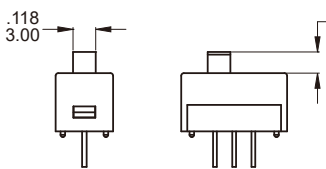
Part No. Shown : 6MD1S202M2QES

ACTUATOR OPTIONS

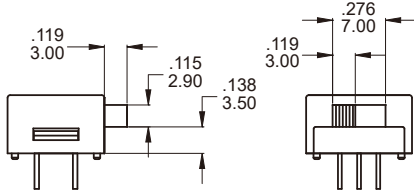
S1



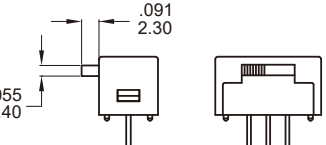
S2



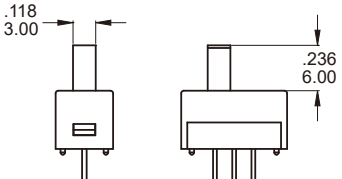
S5 DPDT only



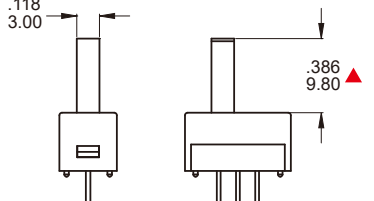
S3

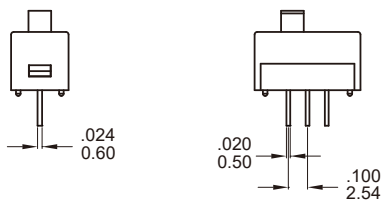
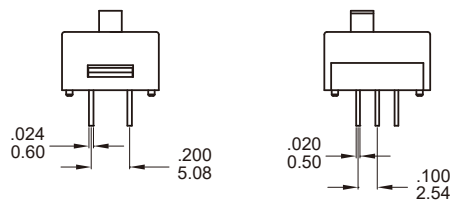
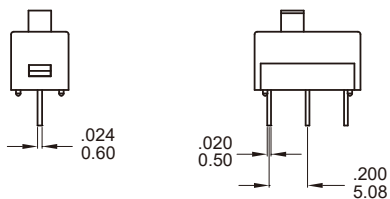
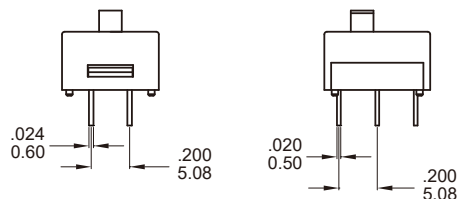
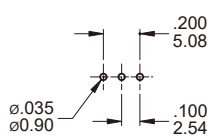
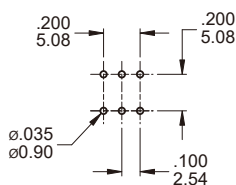
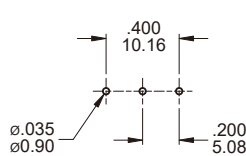
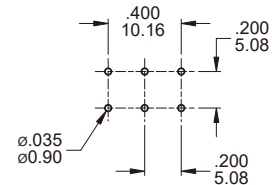


S4



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	Silver	3 Amps with resistant load @ 120VAC or 28VDC 1 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

WAVE SOLDERING: Recommended Soldering Temperature: $260 \pm 5^{\circ}\text{C}$

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