

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.

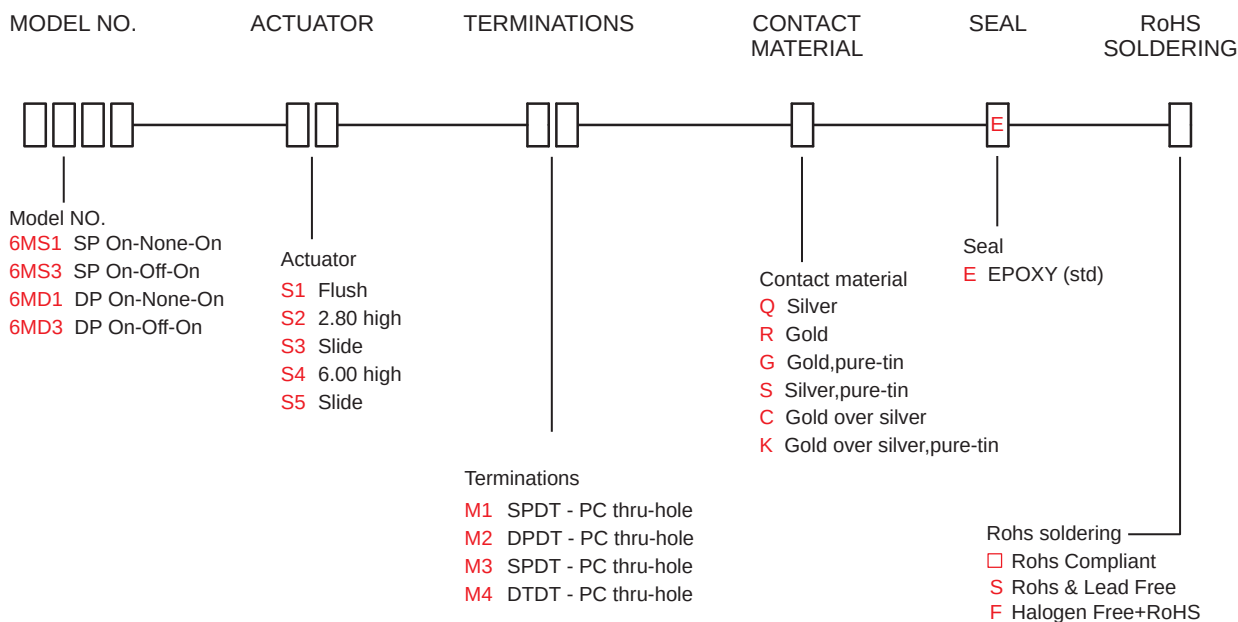
ACTUATOR: PBT,black .

HOUSING: POM,black .

CONTACT/TERMINALS: Copper alloy,with silver or gold plated .
(See Page 98)



HOW TO ORDER



SWITCH FUNCTION

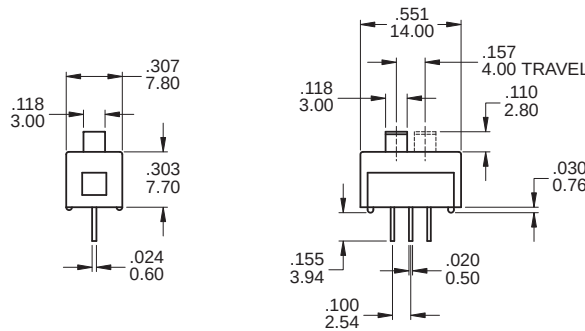
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	6MS1	ON	NONE	ON	2-1	OPEN	2-3
	6MS3	ON	OFF	ON			
DP	6MD1	ON	NONE	ON	2-1,5-4	OPEN	2-3,5-6
	6MD3	ON	OFF	ON			

MOM=MOMENTARY

POLE OPTIONS



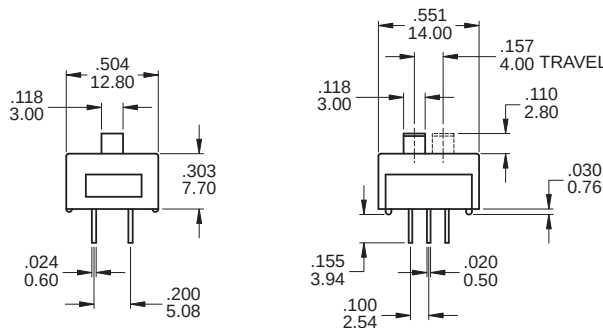
SPDT



Part No. Shown : 6MS1S2M1QE



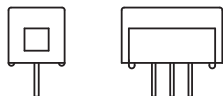
DPDT



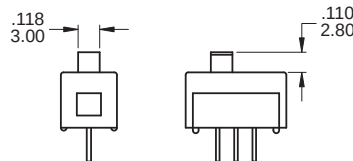
Part No. Shown : 6MD1S2M2QE

ACTUATOR OPTIONS

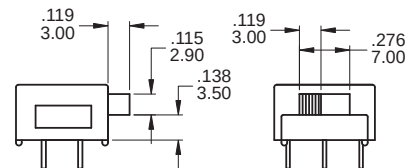
S1



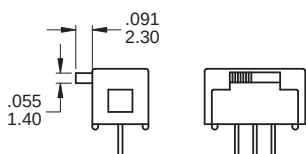
S2



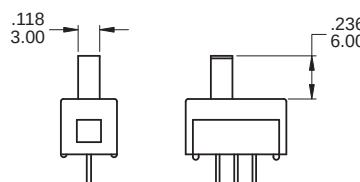
S5 Only DPDT



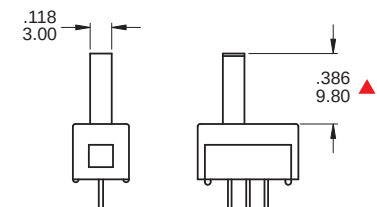
S3



S4

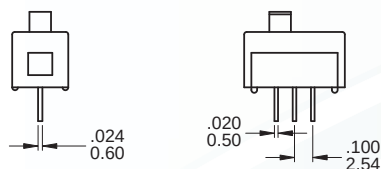


S6

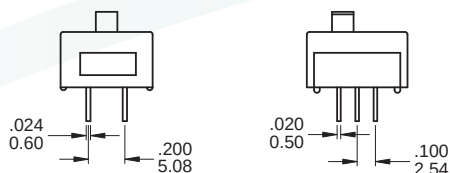


TERMINATION OPTIONS

M1



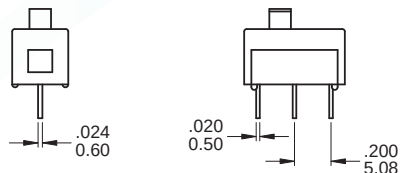
M2



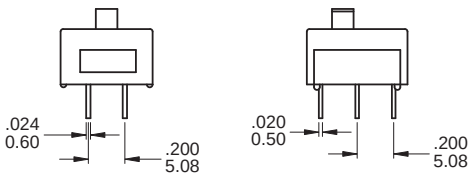
SPDT

DPDT

M3



M4

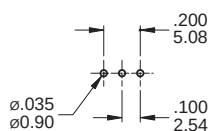


SPDT

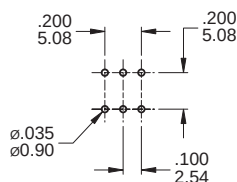
DPDT

P.C. MOUNTING

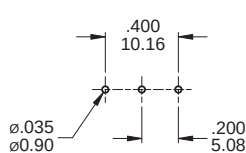
M1



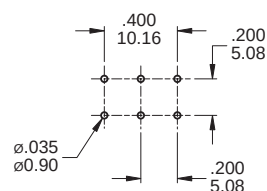
M2



M3



M4



SPDT

DPDT

SPDT

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
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	

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)