

FEATURES:

- 1.5mm Travel
- Surface mounting type
- Thinner type of height 1.4mm

MATERIAL:

- Cover: Nickel Silver
- Base: LCP High Temp Thermoplastic.
Color: Black
- Contact: Alloy Copper, Gold plated
- Terminal: Brass, Gold plated
- Spring Plate: Stainless Steel

SPECIFICATION

MECHANICAL

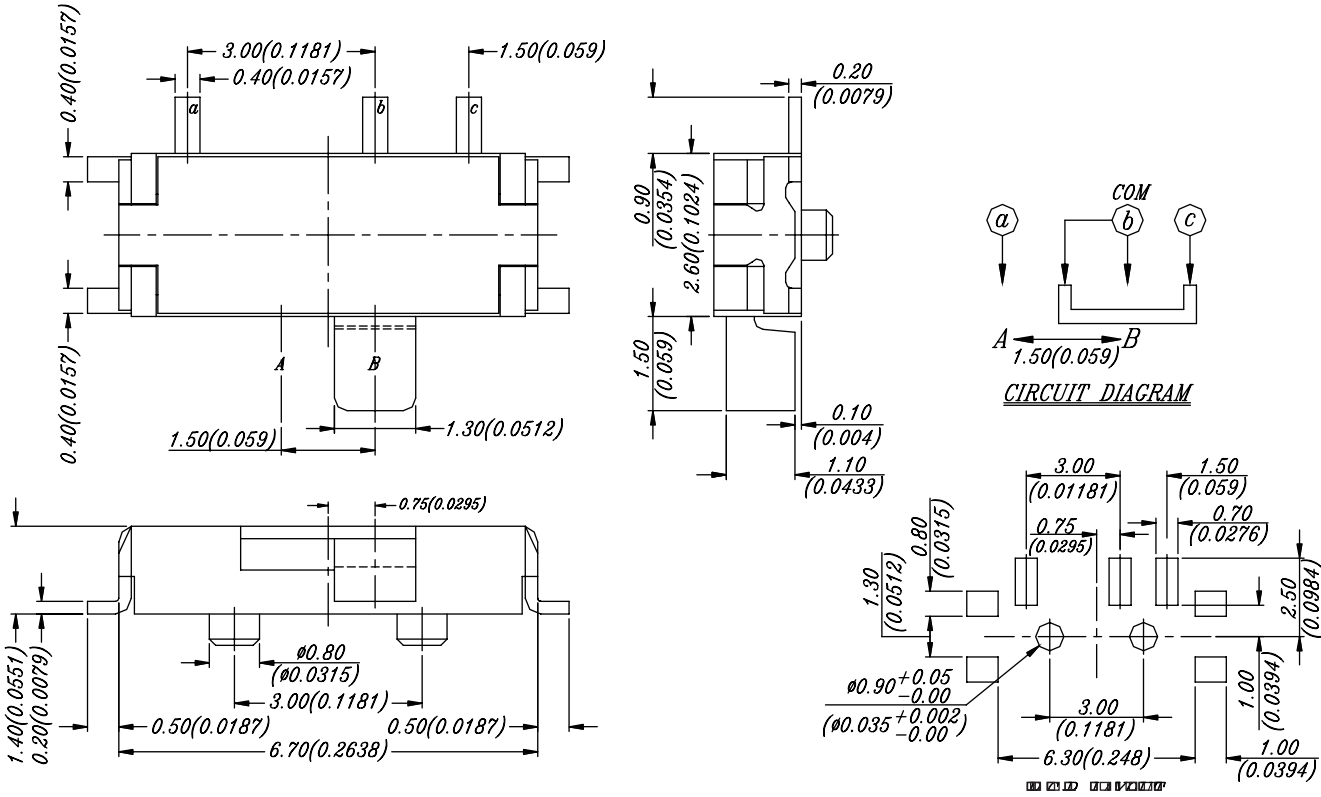
Prod.	Operation Force
SMS3	150 ± 100gf (1.47N ± 0.98N)
SMS4	A -> B 150 ± 100gf (1.47N±0.98N)
	B -> C 200±150gf(1.96N±1.47N)
	C -> B 150±100gf (1.47N±0.98N)
	B -> A 200±150gf(1.96N±1.47N)
SMS6	200 ± 150gf (1.96N±1.47N)
SMS14	B->C 200±150gf (1.96N±1.47N)
	C->D 200±150gf (1.96N±1.47N)
	C->B 200±150gf (1.96N±1.47N)
	B->A 200±150gf (1.96N±1.47N)
	A->B 150±100gf (1.47N±0.98N)
	D->C 150±100gf (1.47N±0.98N)

- Stroke: 1.5mm
- Operation Temperature Range: -20°C to +70°C
- Storage Temperature Range: -40°C to +85°C
- Vibration Test: MIL-STFD-202F METHOD 201A.
Frequency: 10-55-10Hz/1 minute
Directions: X,Y,Z, three mutually perpendicular directions.
Time: 2 hours each direction.
High reliability.
- Shock Test: MIL-STD-202F METHOD 213B
CONDITION A.
Gravity: 50G (peak value), 11 msec
Direction and times: 6 sides and 3 times in each direction.
High reliability.

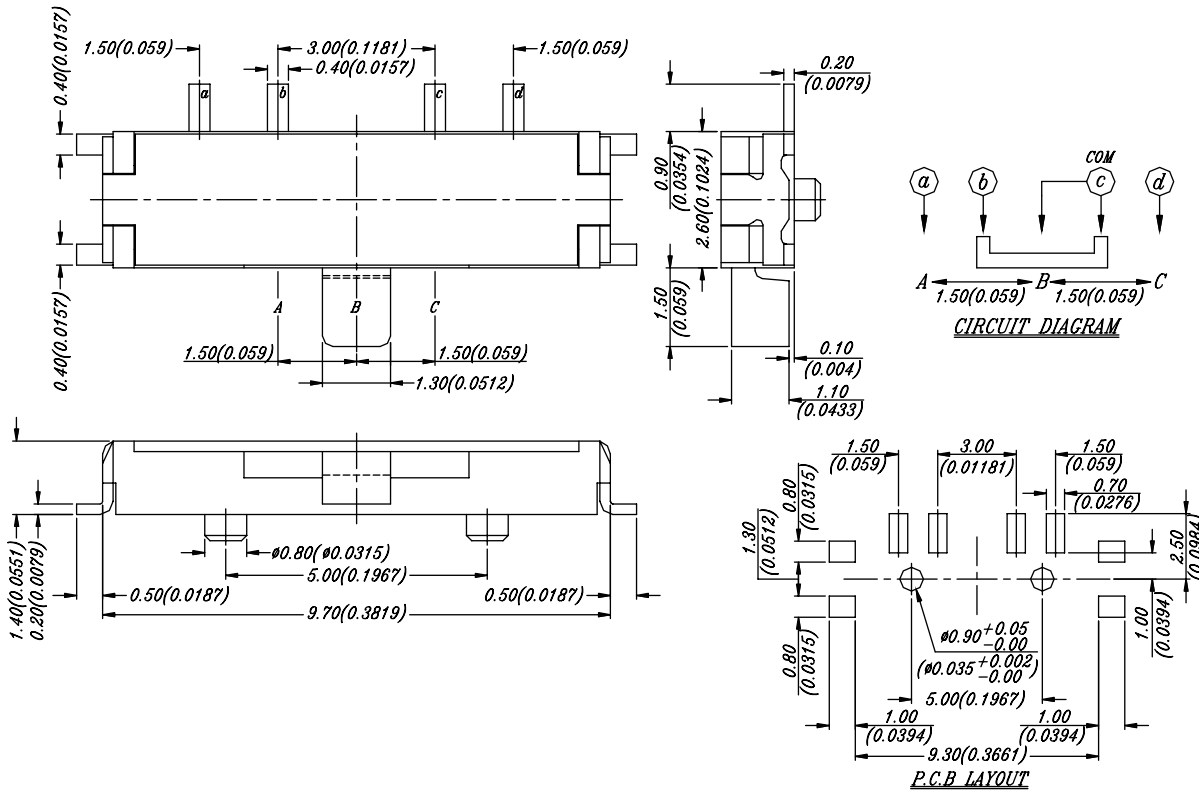
ELECTRICAL

- Electrical Life: 10 000 cycles
- Non-Switching Rating: 300mA, 4VDC
- Switching Rating: 25mA, 24VDC
- Contact Resistance: 100mΩ max.
- Insulation Resistance: 100MΩmin. at 500VDC.
- Dielectric Strength: 500VAC/1 minute.
- Capacitance: 5pF max.
- Circuit: SPDT, SP3T, SP4T, DPDT

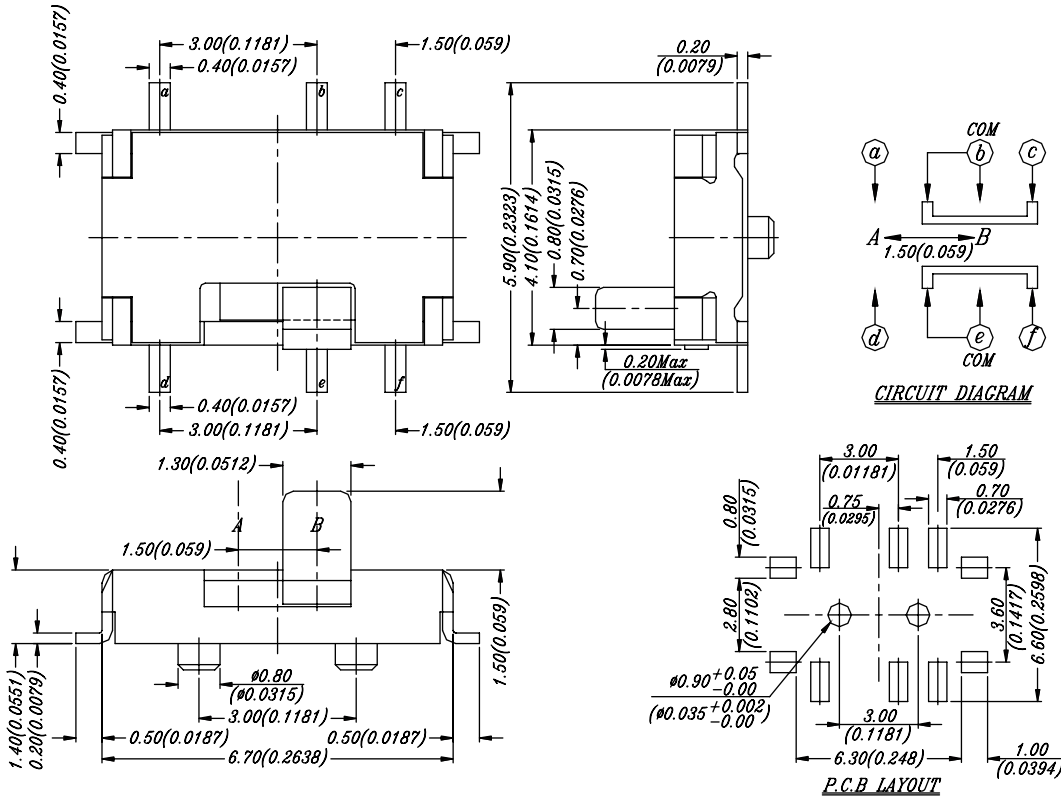
SMS3



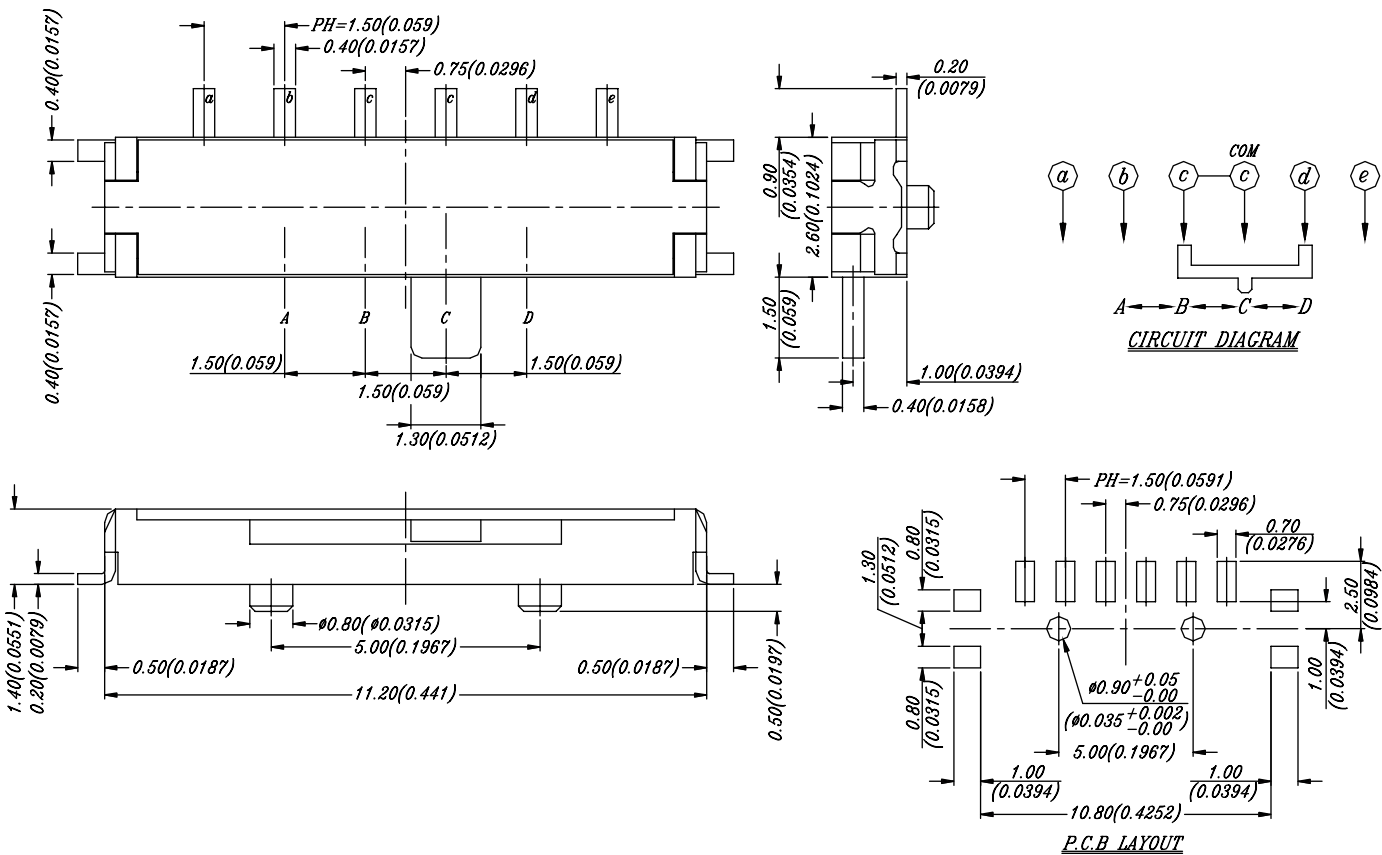
SMS4



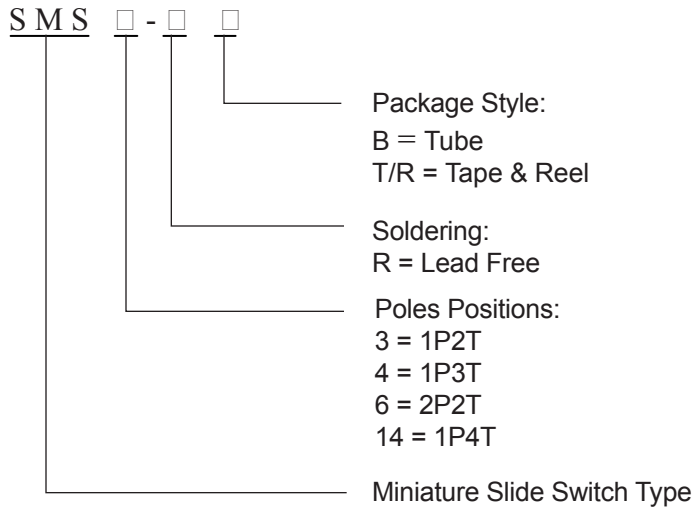
SMS6



SMS14



HOW TO ORDER:



Soldering Process

- ▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C approximately 5 seconds.
- ▲ Reflow Soldering : When applying reflow soldering, the peak temperature of the reflow oven should be set to 260°C max.

