



FEATURES:

- Available sharp click feel with a positive tactile feedback
- Ultraminiature structure suitable for high density mounting. Economic but high reliability.
- Insert molding in the contact with special treatment prevents flux build-up during soldering and permits auto-dipping.

MATERIAL:

- Base: UL 94V-0 Nylon High-Temp Thermoplastic
Color: Black
- Cover: Nickel Silver
- Dust Proof: PTFE
Color: White
- Contact Disc: Stainless with silver cladding
- Terminal: Copper alloy with silver plated

SPECIFICATION

MECHANICAL

- Operation Force: 1st 80gf \pm 40gf
2nd: 250 \pm 60gf
- Stroke: 1st 0.25 \pm 0.10mm
2nd 0.40 \pm 0.15mm
- Operation Temperature Range: -25°C to +70°C
- Storage Temperature Range: -30°C to +80°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.

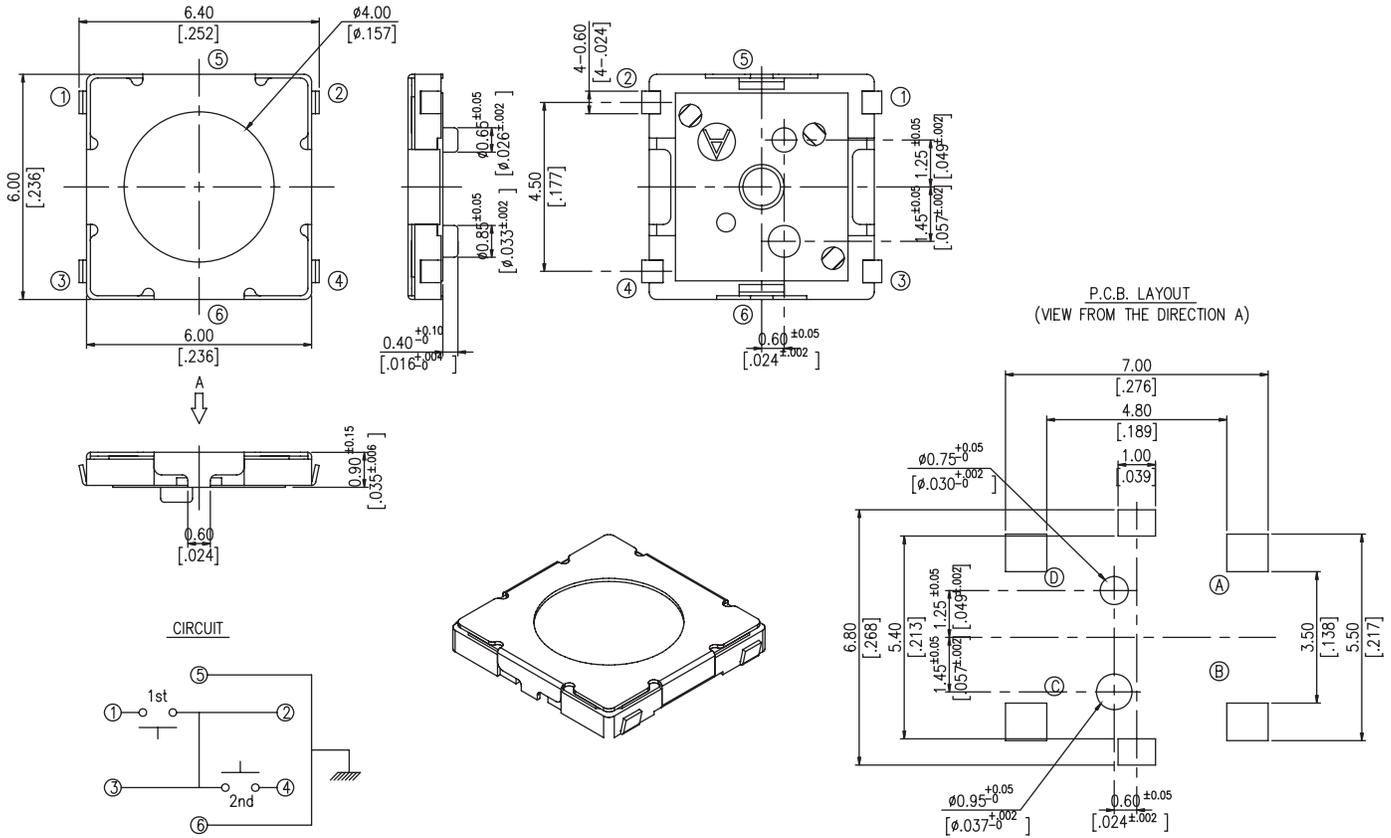
ELECTRICAL

- Electrical Life: 30 000 cycles
- Rating: 50mA, 12VDC
- Contact Resistance: 100m Ω max
- Insulation Resistance: 100M Ω min at 100VDC
- Dielectric Strength: 250VAC/1 minute.
- Circuit: 1 pole 2 throw

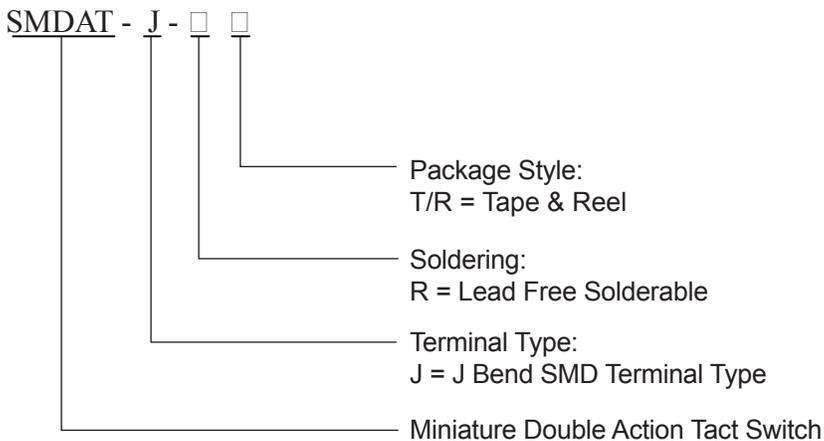
Packaging:

Part Number	Number Per Reel
SMDAT-J-RT/R	4000

SMDAT



HOW TO ORDER:



Soldering Process

▲ Hand Soldering: Use a soldering iron of 30 watts controlled at 350°C approximately 5 seconds while applying.

▲ Reflow Soldering: When applying reflow soldering the peak temperature or the reflow oven should be set to 260°C max.

Temperature Profile:

