



FEATURES:

- Compact detector switch with smooth switching action
- SMT type is available for tape & reel package.

MATERIAL:

- Cover: Nickel Silver
- Base: UL94V-0 PA9T High-temp Thermoplastic
Color:Black
- Stem(1): UL94V-0 PA9T High-temp Thermoplastic
Color:Black
- Stem(2): UL94V-0 PA9T High-temp Thermoplastic
Color:Black
- Contact : Alloy Copper, Gold plated.
- Terminal: Brass, Gold plated.

SPECIFICATION

MECHANICAL

- Mechanical Life: 50 000 operations.
- Operation Force: 40 gf max
- Operation Temperature Range: -10°C to +60°C
- Storage Temperature Range: -20°C to +70°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.

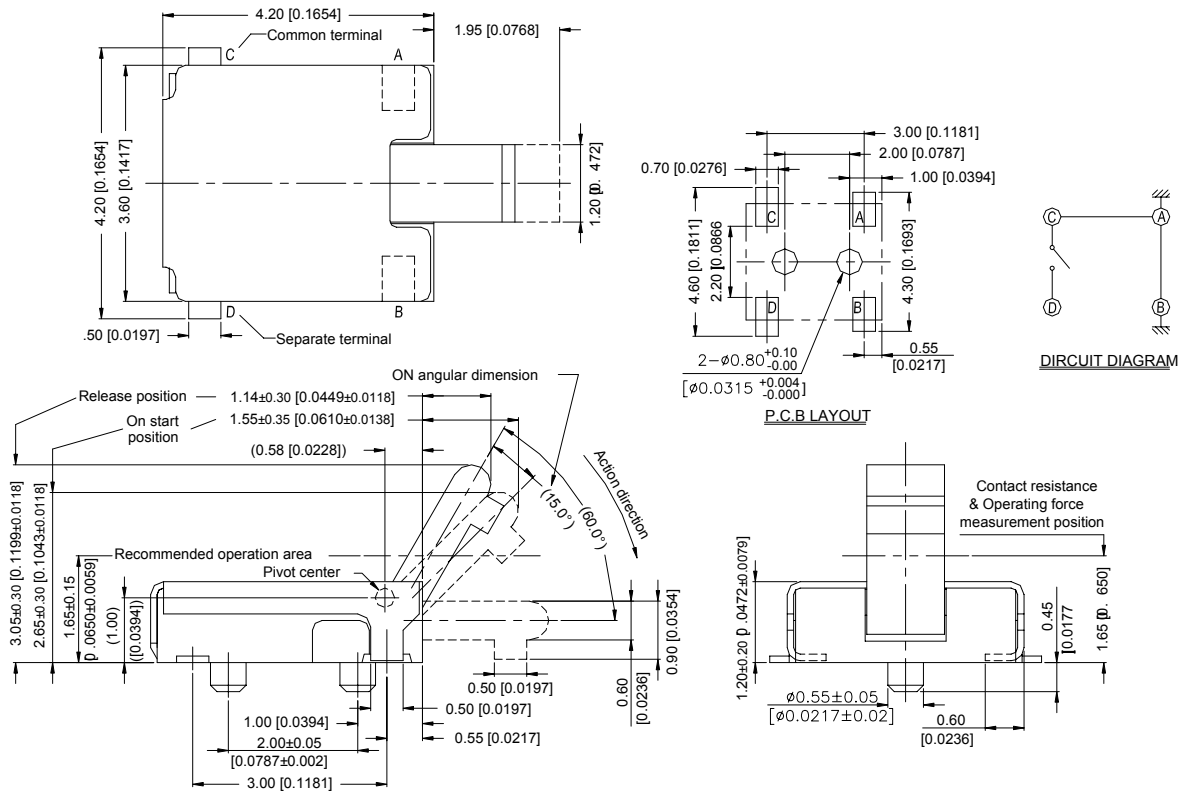
ELECTRICAL

- Electrical Life: 50 000 cycles
- Rating: 1mA, 5VDC
- Contact Resistance: 1Ω max.
- Insulation Resistance: 100MΩ min.
- Dielectric Strength: 100VAC / 1 minute.
- Contact Arrangement: 1 pole , 1 throw

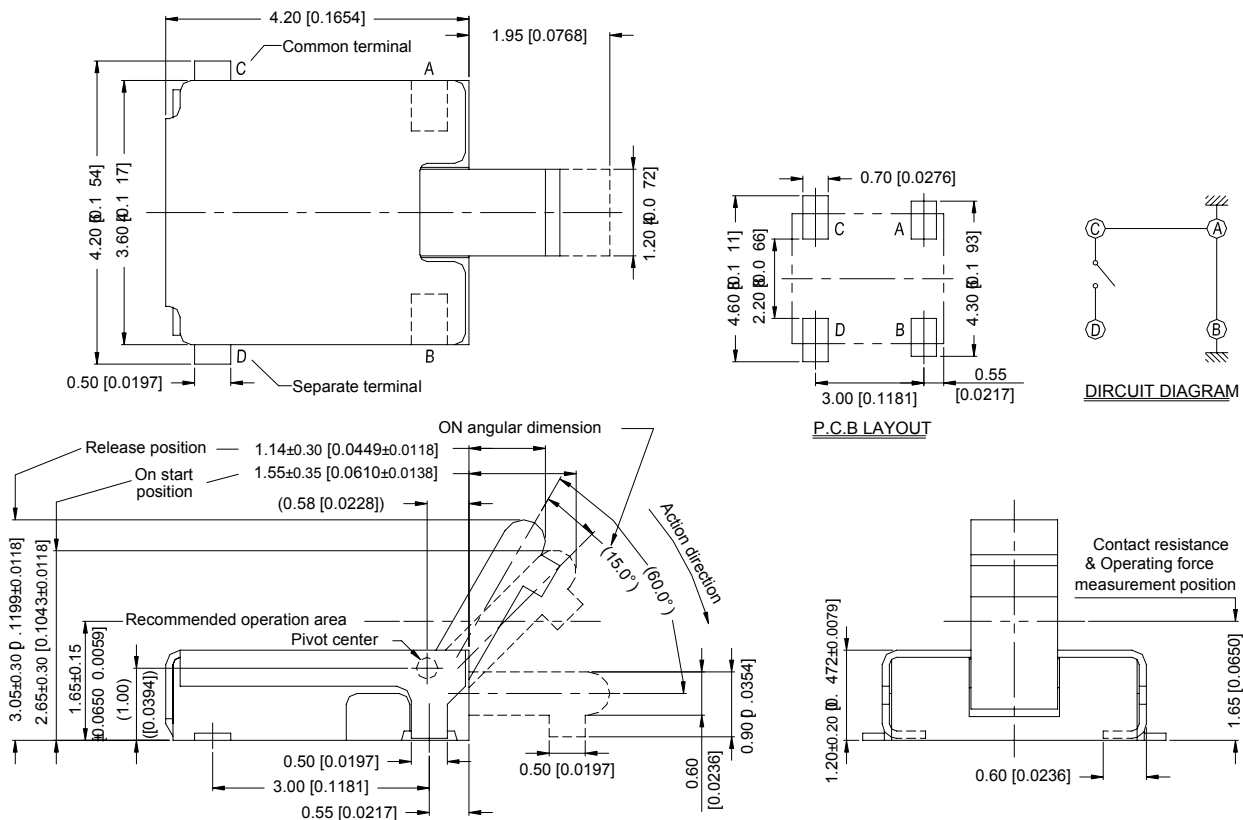
Packaging:

| Part Number | Number Per Tube | Number Per Reel |
|-------------|-----------------|-----------------|
| SVTDSU-XX-R | - | 2300 |

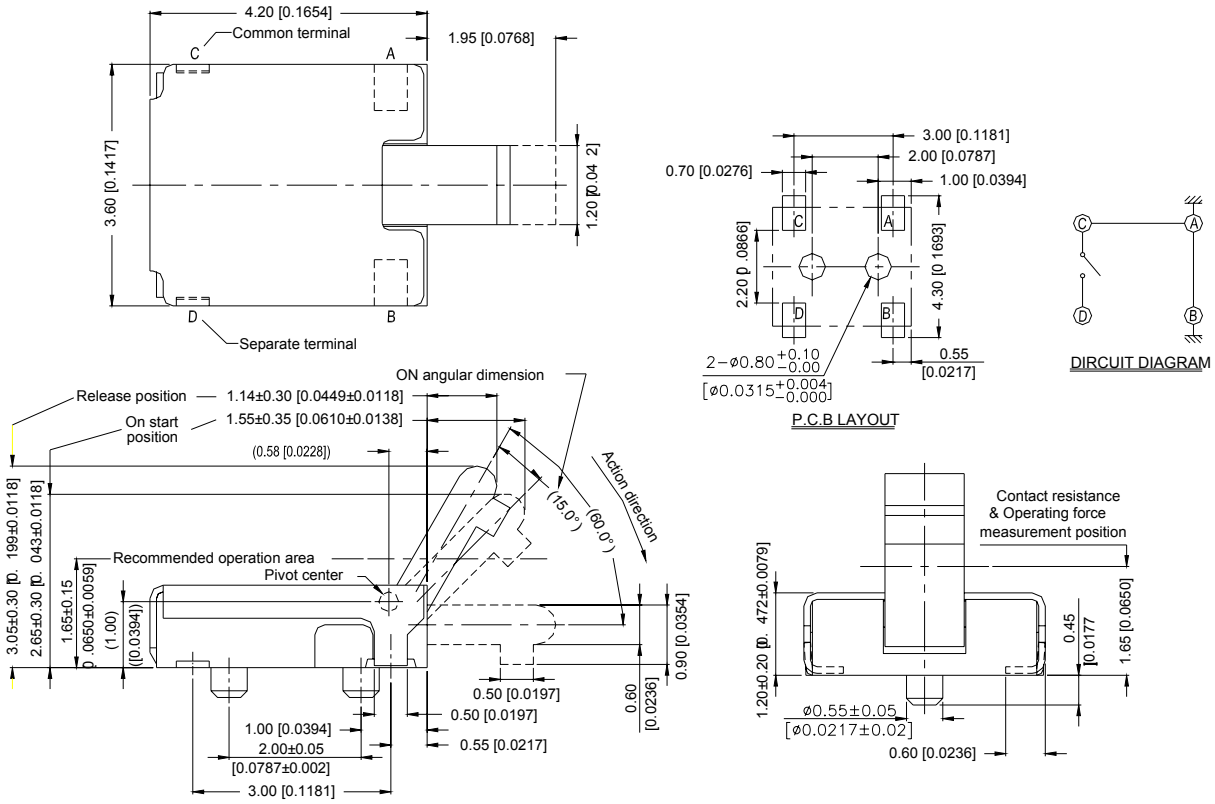
SVTDSU-PF-R



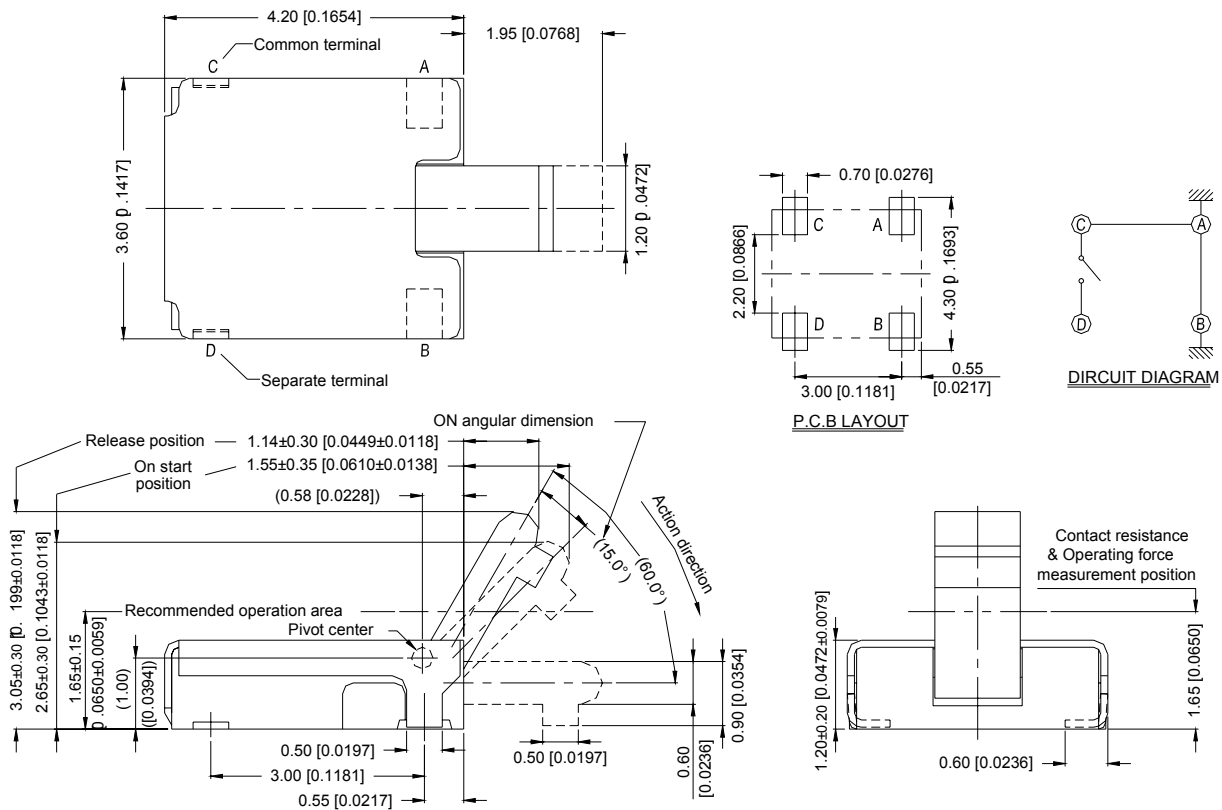
SVTDSU-F-R



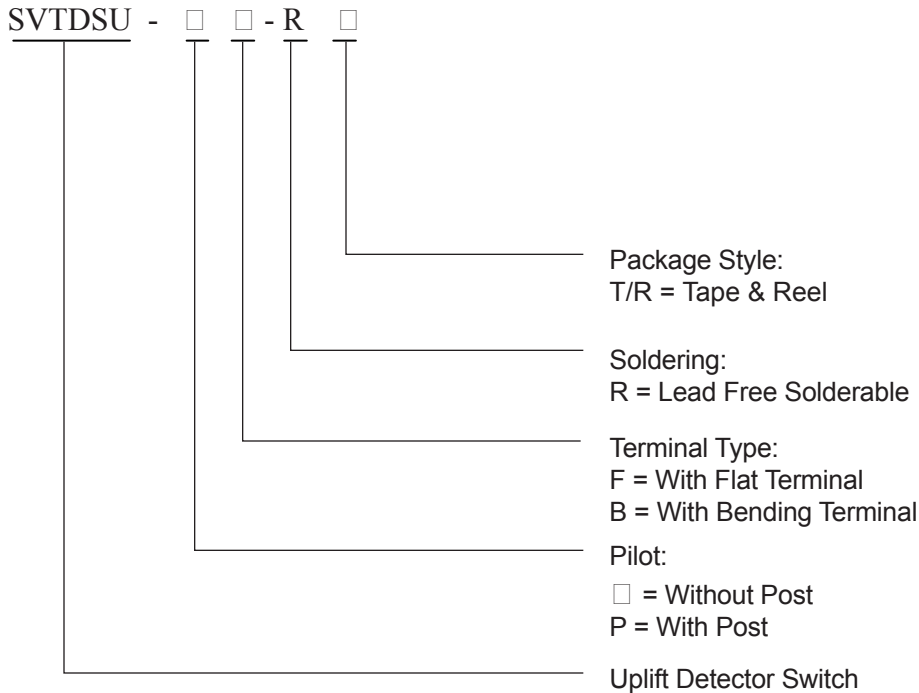
SVTDSU-PB-R



SVTDSU-B-R



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 of the reflow Oven should set at 260°C max.

Temperature Profile:

