

FEATURES:

- Compact detector switch with smooth switching action
- SMT & Through hole type are both available
- UL94V-0 LCP High-Temp thermoplastic used.
- SMT type is available for tape & reel package.

MATERIAL:

- Cover: UL 94V-0 LCP High-Temp thermoplastic.
Color: Black
- Base: UL 94V-0 LCP High-Temp thermoplastic.
Color: Black
- Contact: Stainless steel with silver cladding.
- Terminal: Phosphor bronze with silver plated.

SPECIFICATION

MECHANICAL

- Operation Force: 30 gf max
- Stroke: 2mm
- Operation Temperature Range: -20°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.

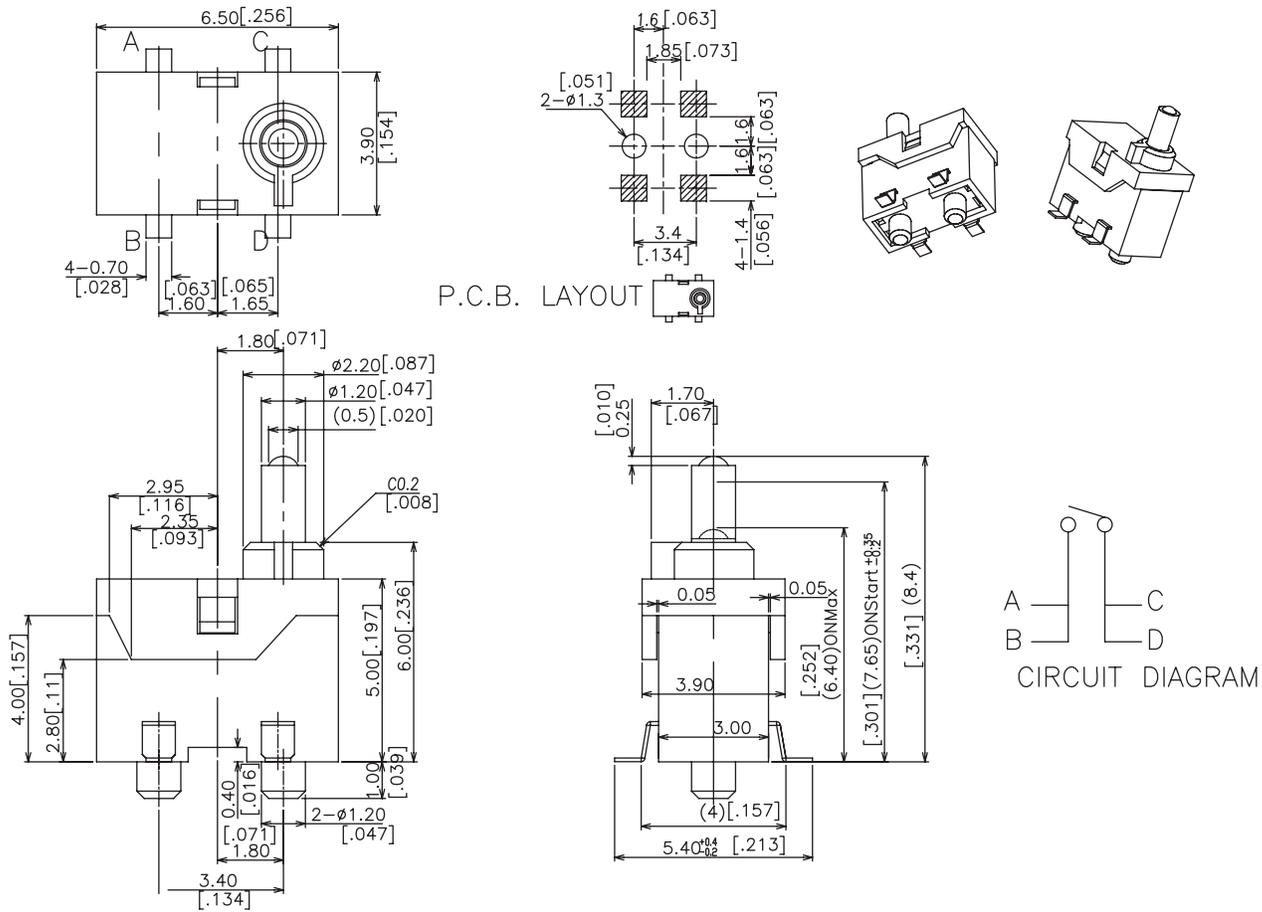
ELECTRICAL

- Electrical Life: 50 000 cycles
- Rating: 5mA, 5VDC
- Contact Resistance: 500MΩ max.
- Insulation Resistance: 100MΩmin. at 250VDC.
- Dielectric Strength: 250VAC/1 minute.
- Contact Arrangement: SPST
- Contact Arrangement: 1 pole , 1 throw

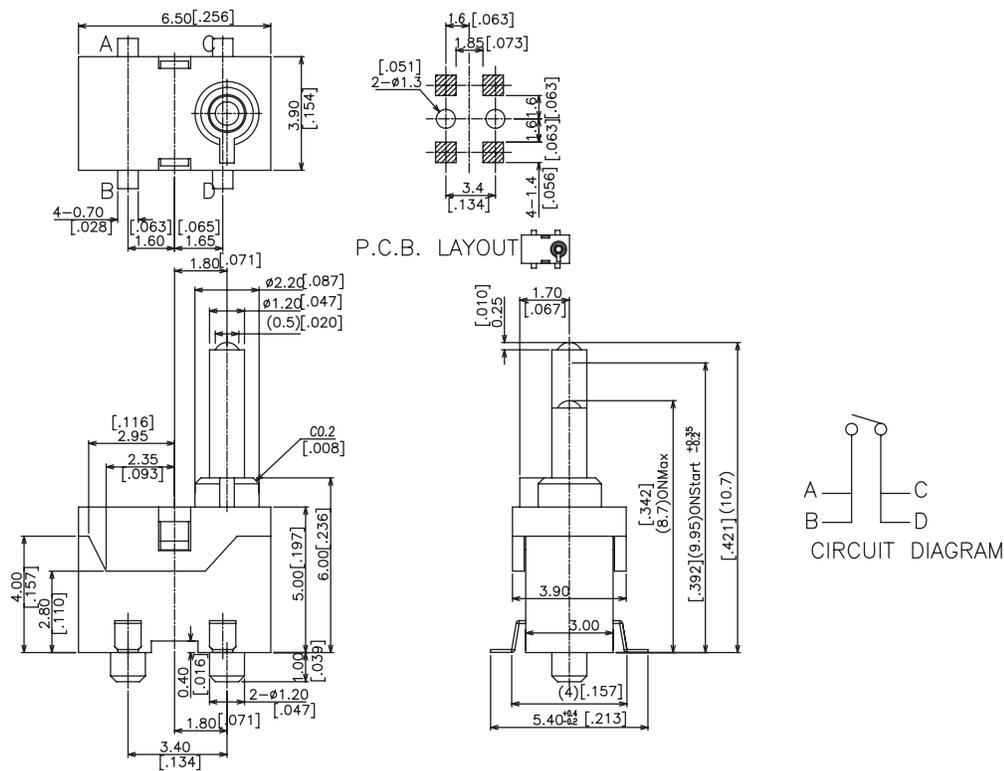
Packaging:

| Part Number | Number per Tube | Number per Reel |
|-------------|-----------------|-----------------|
| SVDS-M | 72 | 500 |
| SVDS-H | 72 | - |
| SVDS-ML | - | 400 |

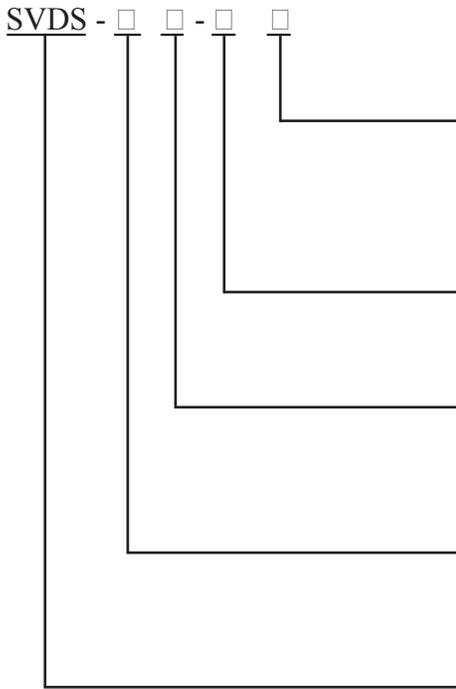
SVDS-M



SVDS-ML



HOW TO ORDER:



Package Style:

B = Tube

T/R = Tape & Reel [only SVDS-M, SVDS-ML]

Soldering:

R = Lead Free Solderable

Total Height:

L = 10.7mm

[] = 8.4mm

Terminal Type:

M = SMT Terminals

H = Through Hole Type

Detector Switch

Soldering Process

▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 320°C approx. 2 seconds while applying

▲ Wave Soldering : Recommended Solder temperature at 260°C max. 5 seconds for through hole type.

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

▲ Make sure that there is no flux rise on the surface of the PCB

