

### FEATURES:

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

### MATERIAL:

- Cover: Copper alloy, tin plated.
- Base: UL 94V-0 High-Temp thermoplastic.  
Color: Black
- Stem: UL 94V-0 High-Temp thermoplastic  
Color: Black
- Contact Disc: Stainless steel with silver cladding.
- Terminal: Brass with silver plated.

### SPECIFICATION

#### MECHANICAL

- Operation Force: 40 gf max
- Stroke: 2.15mm 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.

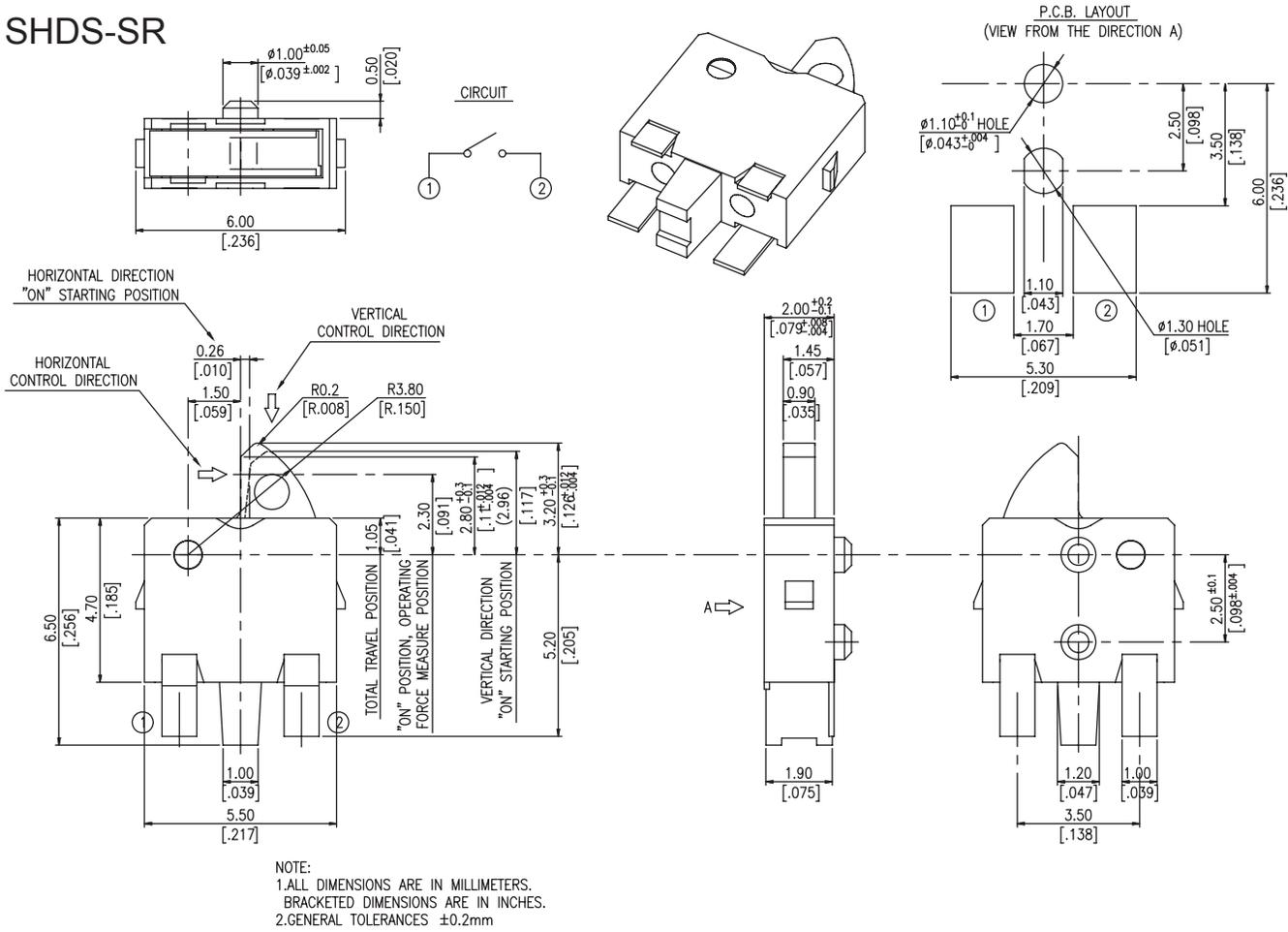
#### ELECTRICAL

- Electrical Life: 50 000 cycles
- Rating: 50mA, 20VDC
- Contact Resistance: 1Ω max.
- Insulation Resistance: 100Ωmin. at 100VDC.
- Dielectric Strength: 100VAC/1 minute.
- Contact Arrangement: 1 pole , 1 throw

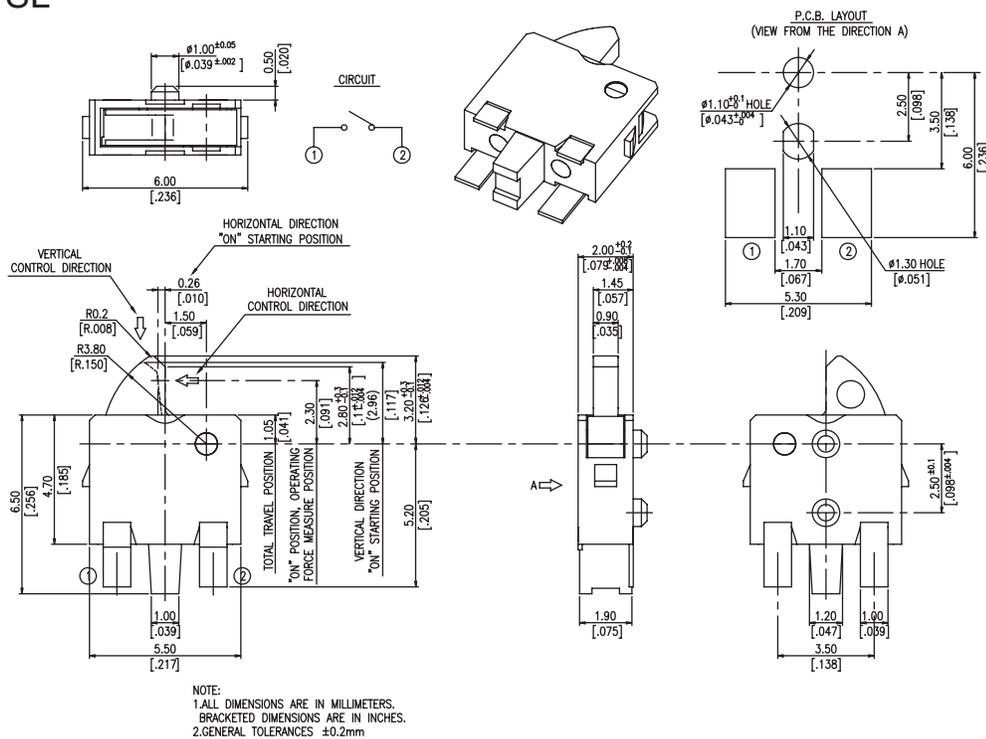
### Packaging:

Part Number	Number Per Tube	Number per Reel
SHDS-S	-	3000
SHDS-SG	-	2000

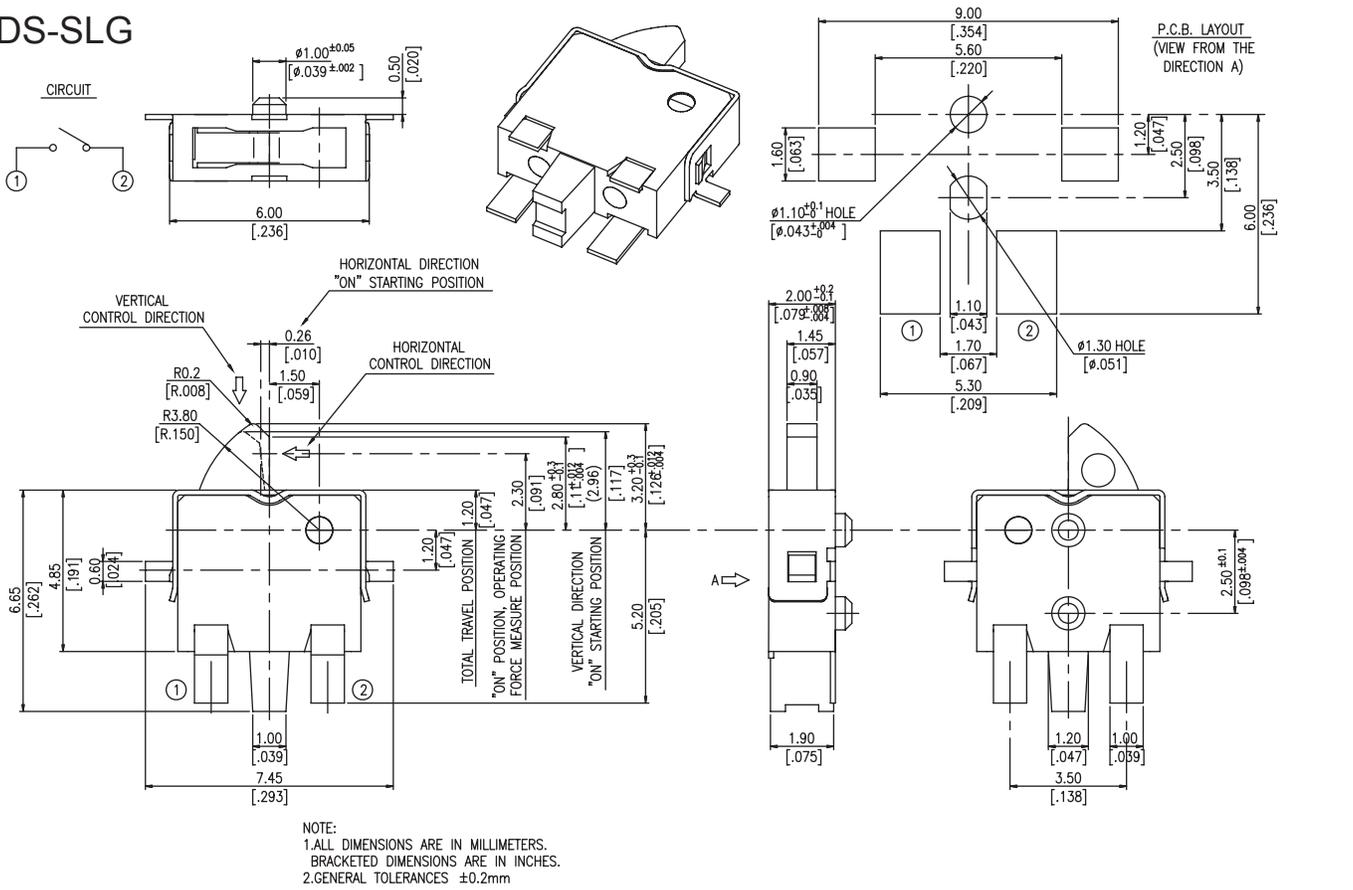
### SHDS-SR



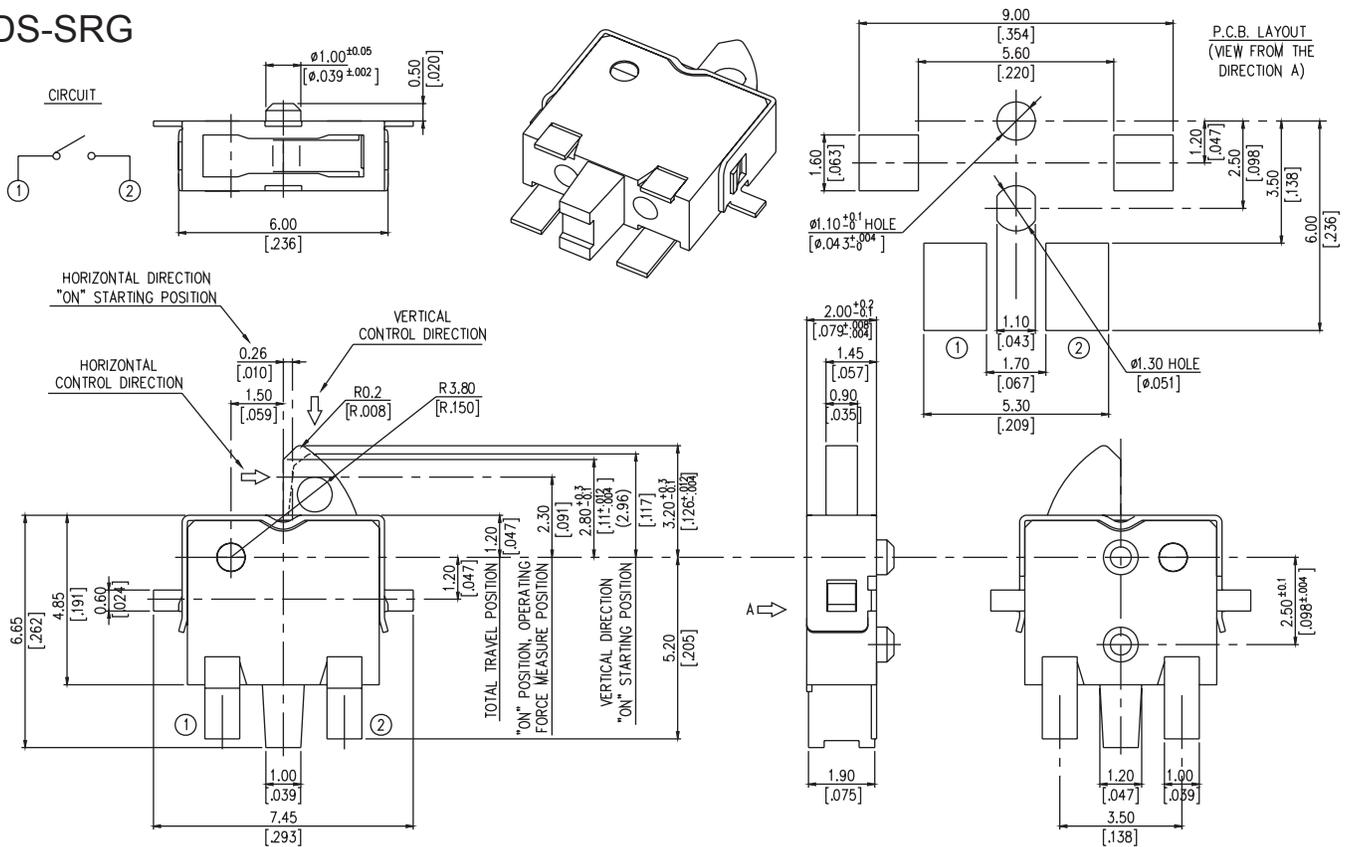
### SHDS-SL



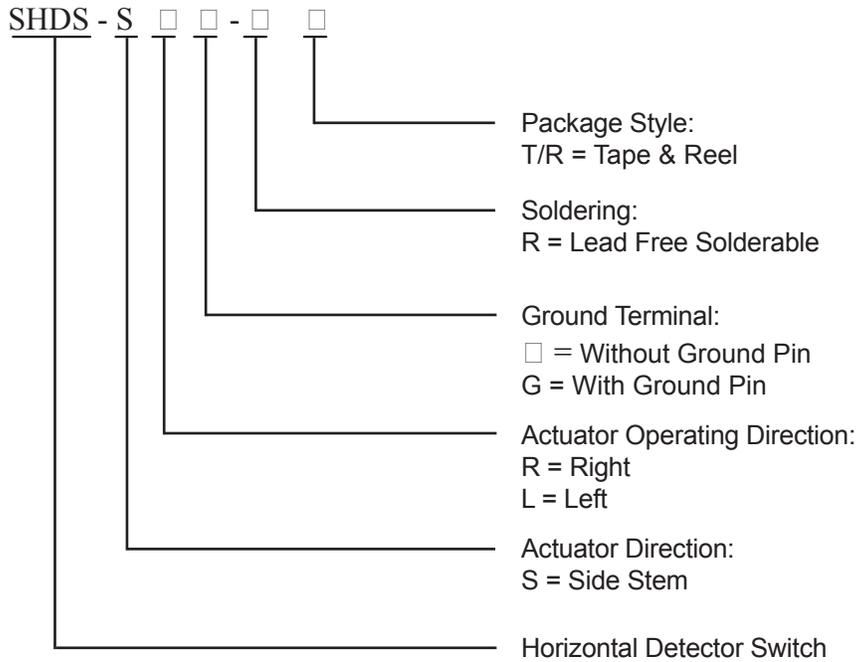
### SHDS-SLG



### SHDS-SRG



### HOW TO ORDER:



### Soldering Process

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

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

