



### FEATURES:

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

### MATERIAL:

- Cover: UL 94V-0 Nylon High-temp Thermoplastic  
Color:Black
- Base: UL 94V-0 Nylon High-temp Thermoplastic  
Color: Black
- Stem: UL 94V-0 Nylon High-temp Thermoplastic  
Color:Black
- Contact Disc: Stainless with silver plated
- Terminal: Phosphor Bronze with silver plated

### SPECIFICATION

#### MECHANICAL

- Operation Force: 35 gf max
- Stroke:1.05mm max
- Operation Temperature Range: -15°C to +70°C
- Storage Temperature Range: -40°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.

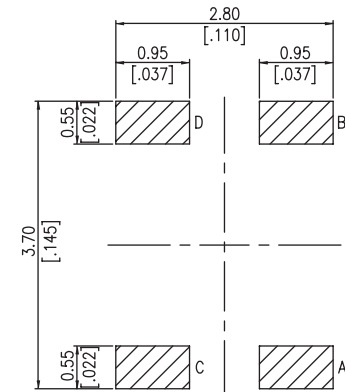
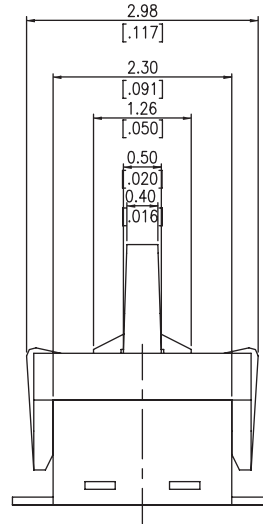
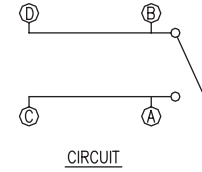
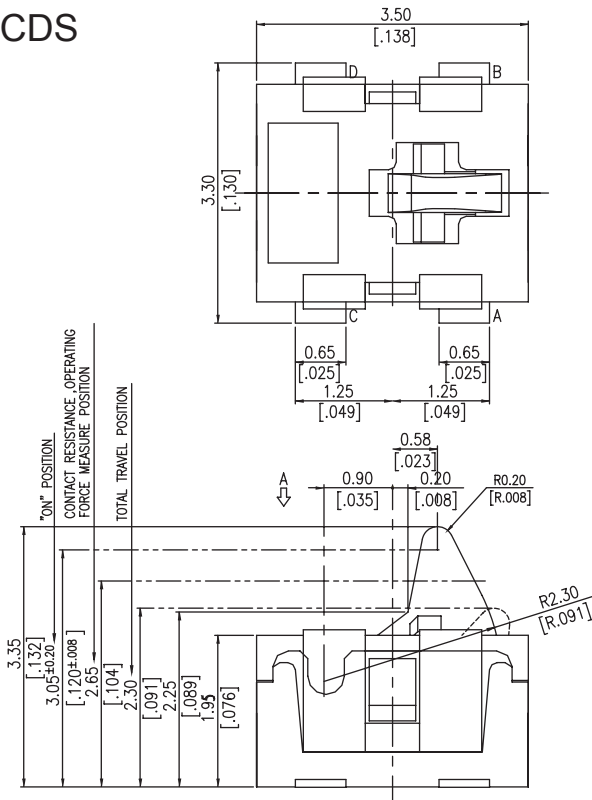
#### ELECTRICAL

- Electrical Life: 100 000 cycles
- Rating: 0.1 ~ 100 mA, 20mV ~ 5VDC
- Contact Resistance: 500mΩ max.
- Insulation Resistance: 100MΩ min. at 100VDC.
- Dielectric Strength: 250VAC/1 minute.
- Contact Arrangement: 1 pole , 1 throw

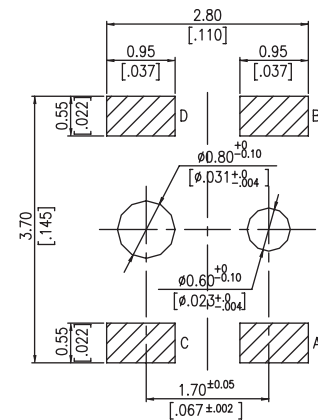
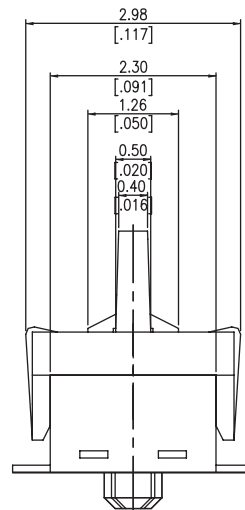
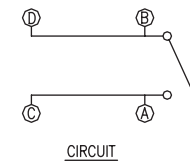
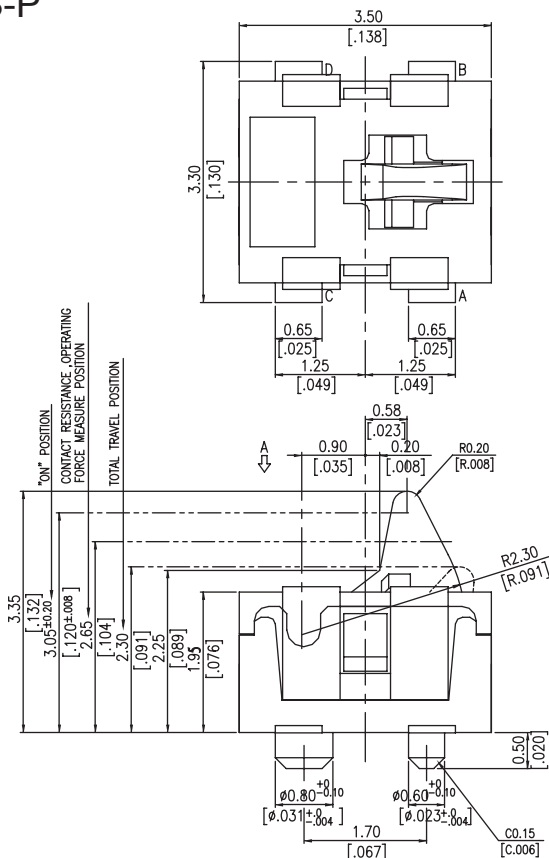
### Packaging:

Part Number	Number Per Tube	Number Per Reel
SVCDS	-	1800
SVCDS-P	-	1800

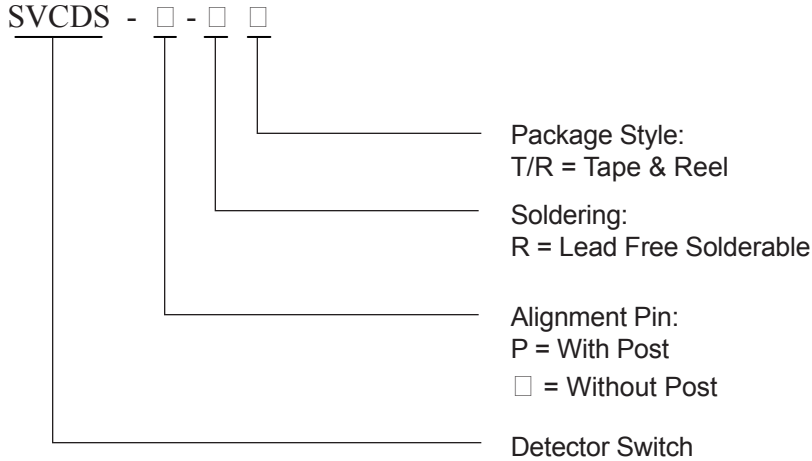
### SVCDS



### SVCDS-P



### HOW TO ORDER:



### Soldering Process

- ▲ Hand Soldering : Use soldering iron of 30 watts, controlled at 320°C approximately 5 seconds while applying.
- ▲ Reflow Soldering : When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C max.
- ▲ Wave Soldering: Recommended solder temperature at 260°C max. 5 seconds for through hole type.

### △ Reflow Temperature Profile:

