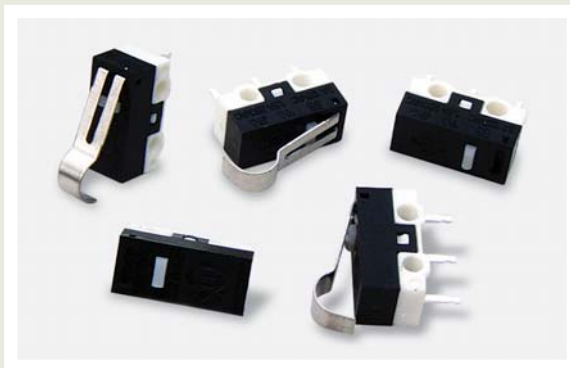


# SERIES SS SWITCHES

## SNAP ACTION SWITCHES - SUB-MINIATURE



E-SWITCH®



### SPECIFICATIONS

Contact Rating: Gold .4VA max. @ 20 VDC or VAC Max.  
0.1 Amps @ 125 VAC  
1.5 Amps @ 250 VAC  
3 Amps @ 125 VAC

Life Expectancy: 100,000 cycles typical

Mechanical Life: 1,000,000 cycles typical

Insulation Resistance: 100 MΩ min. @ 500V DC

Dielectric Strength: 500VDC

Operating Temperature: -25° C to 75°

Operating Force: See Chart

### MATERIALS

Switch Housing: High Temperature PBT (UL94 V-0)

Actuator Button: High Temperature PBT (UL94 V-0)

Terminals: Copper Alloy, plated

Contacts: Silver Alloy (std) or Gold

Spring: Spring Steel

### FEATURES & BENEFITS

- ▶ Subminiature package size
- ▶ Designed for higher reliability applications

### APPLICATIONS/MARKETS

- ▶ Appliance
- ▶ Timing controls
- ▶ Vending machines
- ▶ Gaming
- ▶ Industrial controls

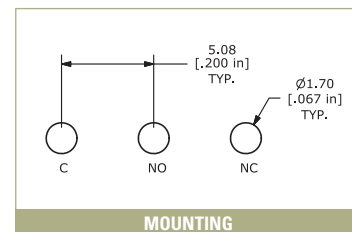
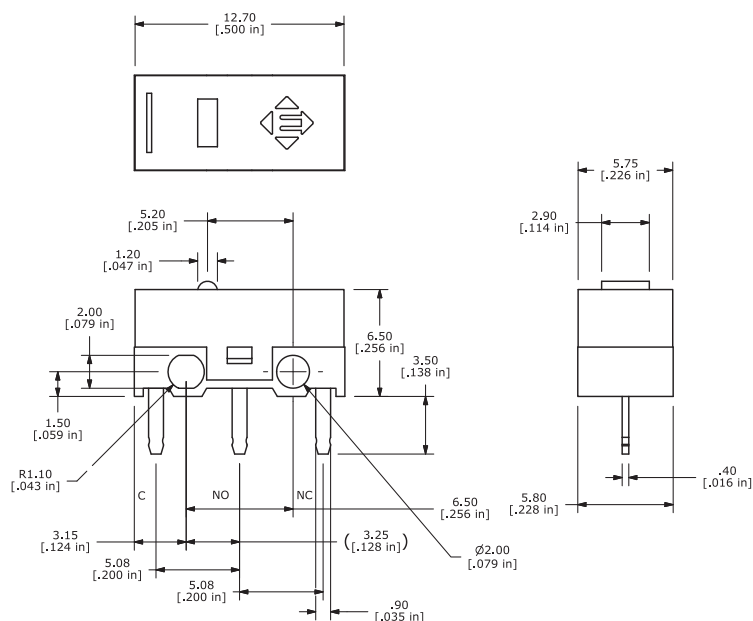
### HOW TO ORDER

| SERIES    | OPERATING TEMP. | CURRENT RATING | ACTUATOR | OPERATING FORCE | TERMINATION | CIRCUIT |
|-----------|-----------------|----------------|----------|-----------------|-------------|---------|
| <b>SS</b> |                 |                |          |                 |             |         |

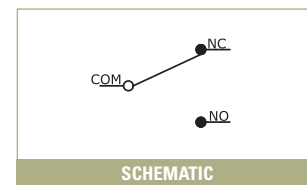
### Example Ordering Number

SS-075-03-01-F030-P1-A

Specifications subject to change without notice 10.31.19



MOUNTING



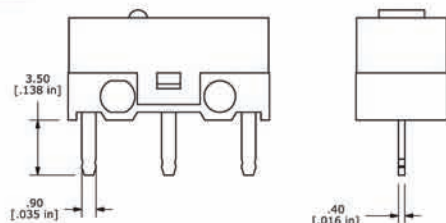
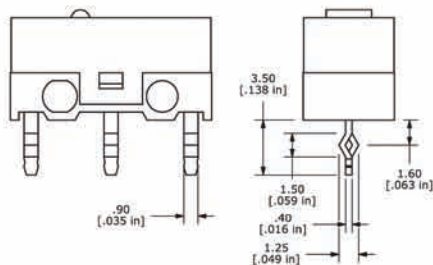
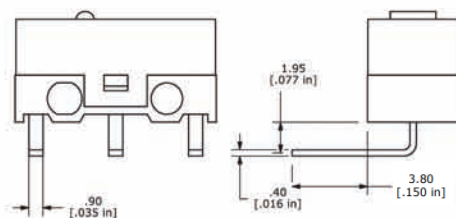
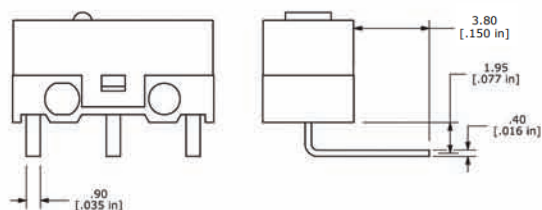
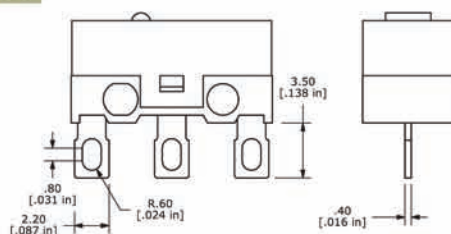
SCHEMATIC



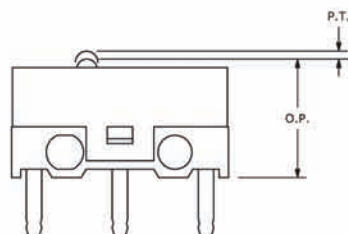
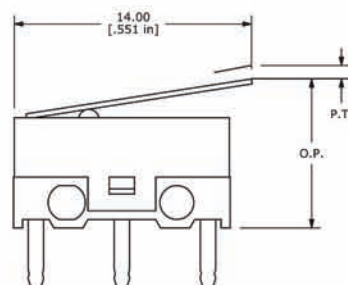
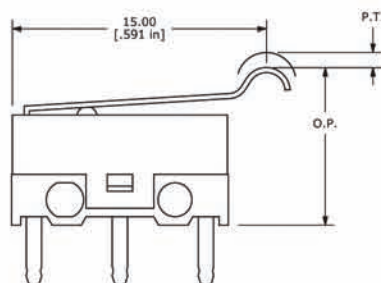
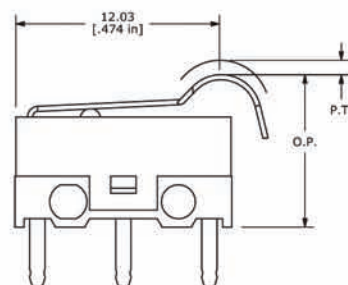
# SERIES SS SWITCHES

## SNAP ACTION SWITCHES - SUB-MINIATURE

### TERMINATION OPTIONS

**P1****R1****V1****V2****S1**

### ACTUATOR OPTIONS

**00****01****02****03**

PT= Pretravel OP= Operating Point

#### ACTUATOR AND OPERATING FORCE CHART

| Actuator | Actuation/Return Force |          |          |          |  | Pre-Travel | Operating Point |
|----------|------------------------|----------|----------|----------|--|------------|-----------------|
| 00       | 070 / 25               | 090 / 40 | 110 / 50 | 130 / 60 |  | 0.35 Max   | 7.0 ± 0.2       |
| 01       | 020 / 5                | 030 / 10 | 035 / 10 | 040 / 15 |  | 1.60 Max   | 8.80 ± 0.8      |
| 02       | 015 / 5                | 025 / 10 | 030 / 10 | 035 / 10 |  | 2.00 Max   | 10.80 ± 0.8     |
| 03       | 020 / 5                | 030 / 10 | 040 / 15 | 050 / 15 |  | 1.35 Max   | 9.65 ± 0.8      |