



## Mechanical Specifications

|                                 |                                                 |         |                 |
|---------------------------------|-------------------------------------------------|---------|-----------------|
| Contact Gap                     | < 3 mm (μ)                                      |         |                 |
| Operating Force                 | 70 – 280 cN (model dependent, without actuator) |         |                 |
| Total Travel (without actuator) | 1.6 mm                                          |         |                 |
| Operating life                  |                                                 |         |                 |
|                                 | Operation Cycles                                |         |                 |
| Contact                         | EN61058                                         | UL1054  | Mechanical Life |
| 1                               | 10,000                                          | 6,000   | 15,000,000      |
| 2                               | 10,000                                          | 6,000   | 10,000,000      |
| 3                               | 50,000                                          | 100,000 | 15,000,000      |
| 4                               | 50,000                                          | 6,000   | 15,000,000      |
| 5                               | 50,000                                          | 6,000   | 15,000,000      |
| 6                               | 50,000                                          | 6,000   | 15,000,000      |
| 7                               | 50,000                                          | 6,000   | 10,000,000      |

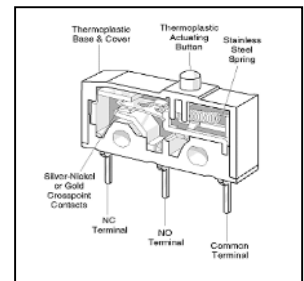
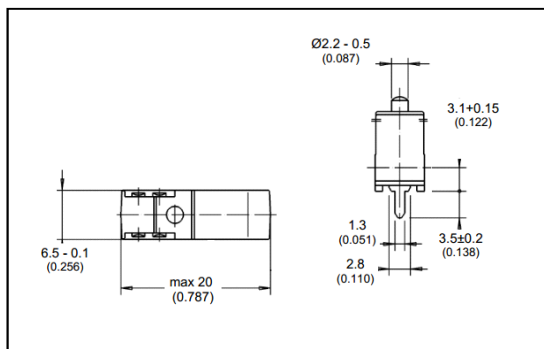
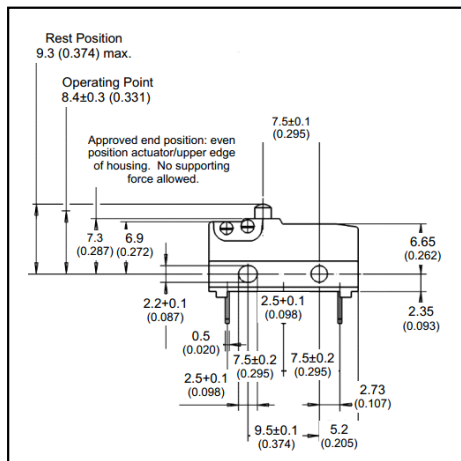
## Material Specifications

|                      |                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Base                 | PET (UL 94 V-0)                                                                                                 |
| Cover                | PBT (UL 94 V-0); PET (UL 94 V-0)                                                                                |
| Actuator             | PBT (UL 94 V-0) 120 °C, POM (UL 94 HB) 85 °C                                                                    |
| Contacts             | AgSnO <sub>2</sub> , AgNi, AuAgPt (Crosspoint)                                                                  |
| Terminals            | CuZn (silver-plated)                                                                                            |
| Auxiliary Actuator   | Stainless Steel or plastic                                                                                      |
| Switching parameters | Complete chart available at <a href="http://switches-sensors.zf.com/us/">http://switches-sensors.zf.com/us/</a> |

## Environmental Specifications

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Ambient Temperature | -40 °C to 85 °C/120 °C (-40 °F to 185 °F/248 °F) |
| Ingress Protection  | IP50                                             |

## Dimensions mm (inches)



### Terminal Options

