

**»Features**

- Reliability is excellent.
- It's having long life and more operating force can be applied such as lightly force.
- Good feeling and more levers are applied.

**»Applications**

- Joystick , TV game , Time recorder , Air conditioner , Food processor , Juice maker , Alarm , Mixer , Shredder machine , etc.

**»Specifications**

| <b>Electrical Characteristics</b> |   |
|-----------------------------------|---|
| Rating                            | 10A 250/125VAC, UL 61058-1, GB14048.5<br>3A 24 VDC,UL61058-1                    |
| Insulating Resistance             | 100MΩ Min (at 500 VDC)  |
| Dielectric Strength               | AC 1000V (50/60 Hz for 1 minute)  |
| Contact Resistance                | 30mΩ Max. (Initial)   |
| <b>Mechanical Characteristics</b> |   |
| Operating Frequency               | Mechanical:max. 120 operations/minute.<br>Electrical:max. 30 operations/minute. |
| Operating Speed                   | 0.5mm to 500mm/s (pin plunger models)   |
| Vibration                         | 10 to 55Hz, 1.5 mm double amplitude   |
| Operating Life                    | Electrical: 100,000 cycles.<br>Mechanical: 1,000,000 cycles.                    |
| <b>Climatic Characteristics</b>   |   |
| Degree of Protection              | IP40 (Excluding the terminals)  |
| Operating Temperature             | -0°C ~ +55°C  |
| Operating Humidity                | 95% max. (for 5°C to 35°C)  |

**»Product Selection**

VSION      
1 2 3

**1. ACTUATOR TYPES**

- 00: Pin plunger
- 01: Short hinge lever
- 02: Hinge lever
- 03: Long hinge lever
- 04: Simulated roller leaf lever
- 05: Short hinge roller lever
- 06: Hinge roller lever

**2.CONTACT FORM & COMMON TERMINAL POSITION**

- 1 : SPDT-ON/NC
- 2 : SPST-NC
- 3 : SPST-NO

**3.TERMINAL TYPE**

- A:Solder Terminal
- C:Quick-connect Terminal 6.4x0.8
- C2:Quick-connect Terminal 4.8x0.8
- B:Screw Terminal

**»Operating Characteristics**

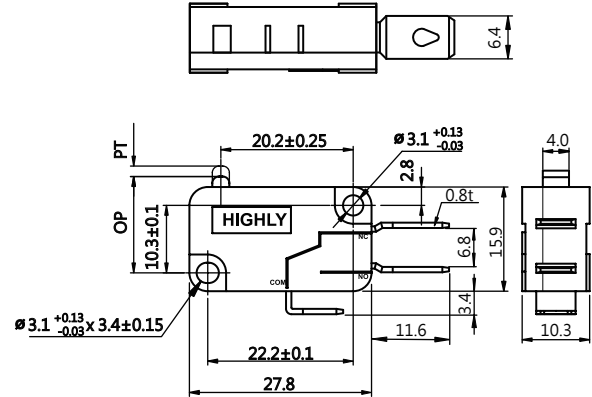
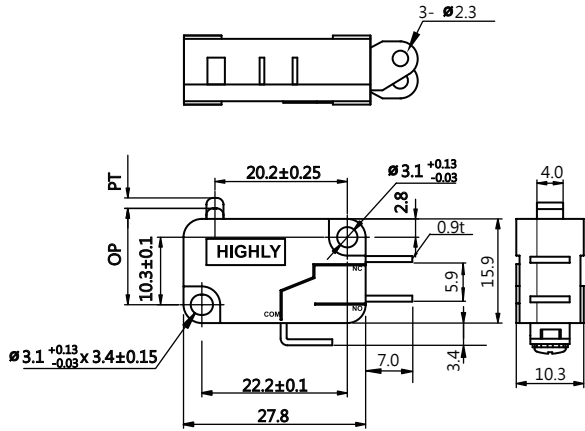
| Actuator Type              | 00 Pin Plunger                 | 01 Short Hinge Lever          | 02 Hinge Lever          | 03 Long Hinge Lever |
|----------------------------|--------------------------------|-------------------------------|-------------------------|---------------------|
|                            |                                |                               |                         |                     |
| Operating Force max.       | 230gf                          | 230gf                         | 115gf                   | 60gf                |
| Pretravel max.             | 1.6mm                          | 1.9mm                         | 3.7mm                   | 8.0mm               |
| Overtravel min.            | 0.8mm                          | 0.6mm                         | 1.6mm                   | 3.0mm               |
| Movement Differential max. | 0.15-0.4mm                     | 0.5mm                         | 1.2mm                   | 2.2mm               |
| Releasing Force min        | 30gf                           | 20gff                         | 10gf                    | 5gf                 |
| Operating Position         | 14.7±0.4mm                     | 15.2±0.6mm                    | 15.2±1.2mm              | 15.2±2.6mm          |
| Actuator Type              | 04 Simulated roller leaf lever | 05 Short Hinge Roller Plunger | 06 Hinge Roller Plunger |                     |
|                            |                                |                               |                         |                     |
| Operating Force max.       | 115gf                          | 230gf                         | 115gf                   |                     |
| Pretravel max.             | 3.7mm                          | 1.9mm                         | 3.7mm                   |                     |
| Overtravel min.            | 1.6mm                          | 0.6mm                         | 1.6mm                   |                     |
| Movement Differential max. | 1.2mm                          | 0.5mm                         | 1.2mm                   |                     |
| Releasing Force min.       | 14gf                           | 45gf                          | 14gf                    |                     |
| Operating Position         | 18.7±1.2mm                     | 20.7±0.6mm                    | 20.7±1.5mm              |                     |

» Outline Dimension

Terminal

(A) : Solder Type

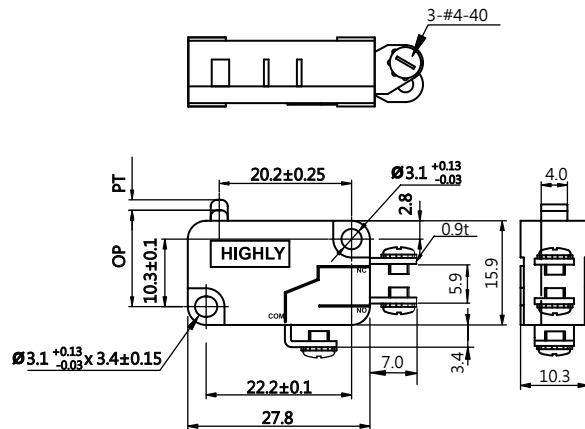
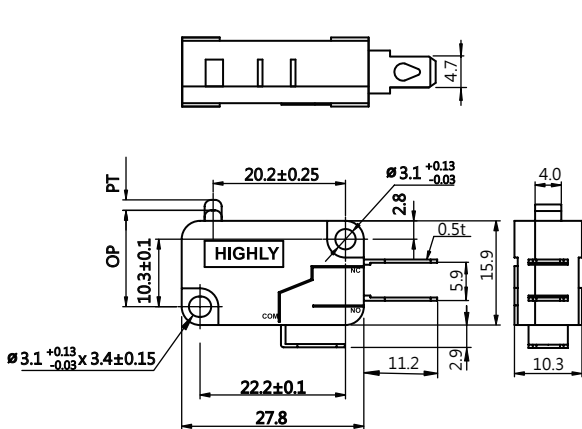
(C) : Quick-connect 6.4x0.8 Type(#250)



Terminal

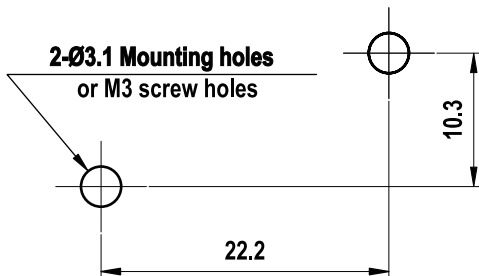
(C2) : Quick-connect 4.8x0.8 Type(#187)

(B) : Screw Type



» Mounting

Mount the switch by tightening the two M3 screws with a matching driver, using appropriate torque (4-6 kg-cm).



» Contact Form & Common Terminal Position

| Contact Form             | 1 : SPDT   | 2 : SPST-NC | 3 : SPST-NO |
|--------------------------|------------|-------------|-------------|
| Common Terminal Position | button<br> | button<br>  | button<br>  |