

TECHNICAL CHARACTERISTICS

SPECIFICATION

- > **Contact Rating:**
 - Switching: 25mA, 24VDC
 - Non-Switching: 100mA, 50VDC
- > **Contact Resistance:**
 - Initial: 50mOHM max.
 - After Life Test: 100mOHM max.
- > **Insulation Resistance:** min. 100MOHM at 500VDC
- > **Dielectric Strength:** 500VAC for 1 minute
- > **Operating Force:** 1000g max.
- > **Mechanical Life:** min. 5000 cycles
- > **Electrical Life:** 2000 cycles / 25mA, 24VDC
- > **Flat Actuator with top tape sealed**

MATERIAL

- > **Cover:** PPS UL 94V-0, color Black
- > **Base:** PPS UL 94V-0, color Black
- > **Actuator:** PA 46 UL 94V-0, color White
- > **Tape:** Polyimide Film
- > **Contact:** Gold Plated
- > **Terminal:** Gold Plated

SOLDERING INFORMATION

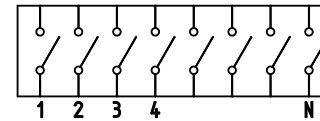
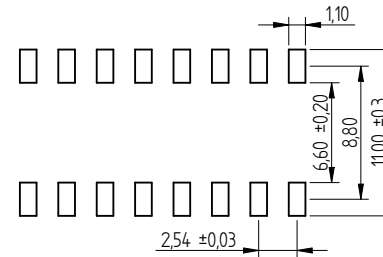
- > **Terminal in SMD version**
- > **Reflow soldering according to JEDEC J-STD-020D**
- > **Keep in "off" position during soldering**
- > **For cleaning or washing only with top tape sealed**
- > **VPH Heating Process only with top tape sealed**

ENVIRONMENTAL

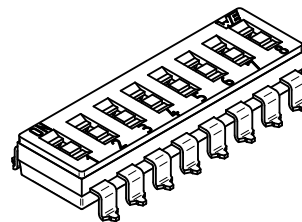
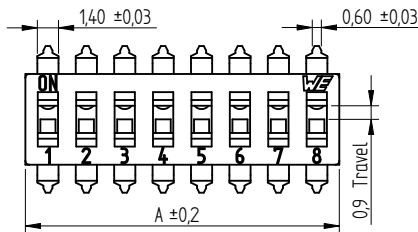
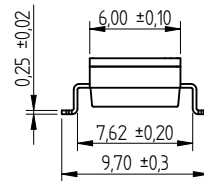
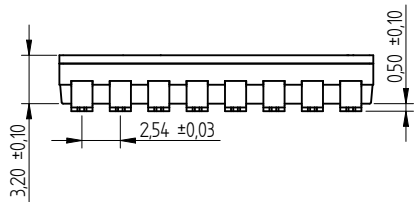
- > **Storage condition:** -40°C ~ +85°C
- > **Operation condition:** -40°C ~ +85°C
- > **Compliance:** Lead Free, ROHS, Reach

PACKAGING INFORMATION

- > **Tape & Reel packaging**
- > **On delivery in "off" position**



Wiring Diagram



DIMENSION

| | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|
| No.Of Pole | 1 | 2 | 3 | 4 | 5 | 6 |
| Dim. A (mm) | 2,98 | 5,52 | 8,06 | 10,60 | 13,14 | 15,68 |
| No.Of Pole | 7 | 8 | 9 | 10 | 12 | |
| Dim. A (mm) | 18,22 | 20,76 | 23,30 | 25,84 | 30,92 | |

| | | | | | | |
|-----|----------------|--------------------------------|----------|----------------------------|------------------------------------|-----------------------|
| | Projection | GENERAL TOLERANCE | | Basic material | | |
| | | .x = +/- 0,2 .xx = +/- 0,15 | | | | |
| | | Date | Name | DESCRIPTION | | |
| | | Drawn | 09-02-24 | Jelisarow | WE-SWITCH_IC-type, SMD version | |
| | | Checked | | | flat actuator with top tape sealed | |
| | | | | Scale | 2:1 | Position |
| | | Würth Elektronik RDX | | Drawing.- No. 4181211608xx | | SIZE A4 |
| REV | FILE | DATE | BY | EDV NO | 4181211608xx.dft | System Solid Edge V20 |