

## 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

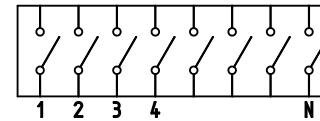
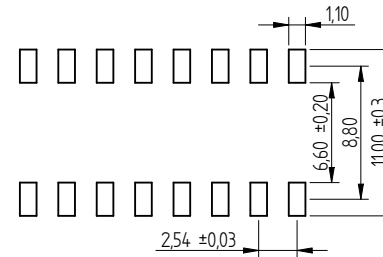
- > **Terminal in SMD version**
- > **Reflow soldering according to JEDEC J-STD-020D**
- > **Keep in "off" position during soldering**
- > **For cleaning or washing only with top tape sealed**
- > **VPH Heating Process only with top tape sealed**

### ENVIRONMENTAL

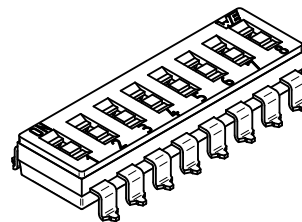
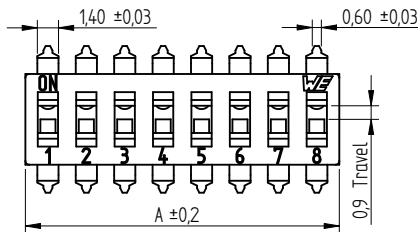
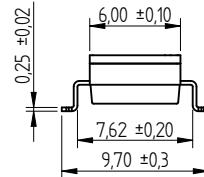
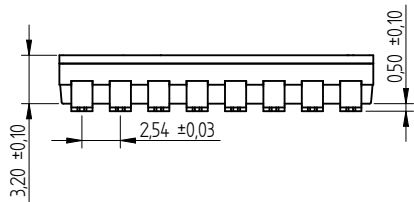
- > **Storage condition:** -40°C ~ +85°C
- > **Operation condition:** -40°C ~ +85°C
- > **Compliance:** Lead Free, ROHS, Reach

### 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