

## 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:** 300VAC for 1 minute
- > **Operating Force:** 500g max.
- > **Mechanical Life:** min. 2000 cycles
- > **Electrical Life:** 1000 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 Tape
- > **Contact:** Gold Plated
- > **Terminal:** Gold Plated

### SOLDERING INFORMATION

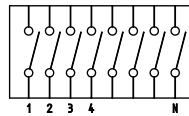
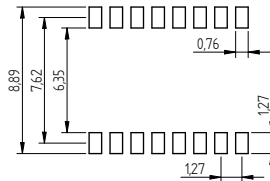
- > **Terminal in SMD version**
- > **Reflow Soldering according to JEDEC J-STD-020D**
- > **Keep in "off" position during soldering**
- > **For cleaning or washing only with top tape sealed**
- > **VPH Heating Process only with top taped sealed**

### ENVIRONMENTAL:

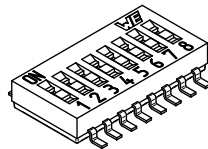
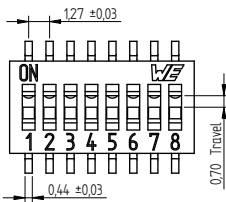
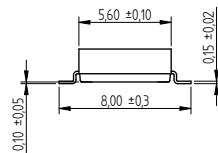
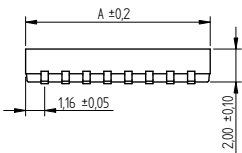
- > **Storage condition:** -40°C ~ +85°C
- > **Operating condition:** -40°C ~ +85°C
- > **Compliance:** Lead Free, ROHS, Reach

### PACKAGING INFORMATION

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



Wiring Diagram



### DIMENSION

No. Of Pole	1	2	3	4	5	6	8	10	12
Dim. A (mm)	2,31	3,58	4,85	6,12	7,39	8,66	11,20	13,74	16,28

			GENERAL TOLERANCE		Basic material				
			$x = +/- 0,2$ $xx = +/- 0,15$						
REV	FILE	DATE	BY	Date	DESCRIPTION				
				Name					
				Drawn 09-02-25	Jelissarow	WE-SWITCH_HP-type, SMD version			
				Checked		flat actuator with top tape sealed			
					Scale	3:1	Position		SIZE
					EDV NO	4161311608xx.dft	Drawing- No. 4161311608xx		A4
								System Solid Edge V20	