

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

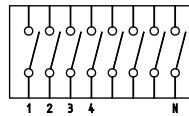
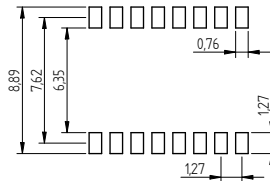
- > Terminal in SMD version
- > Reflow Soldering according to JEDEC J-STD-020D
- > Keep in "off" position during soldering
- > For cleaning or washing only with top tape sealed
- > VPH Heating Process only with top taped sealed

ENVIRONMENTAL:

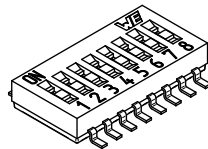
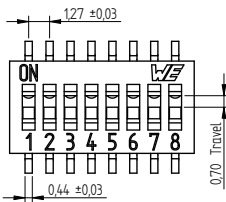
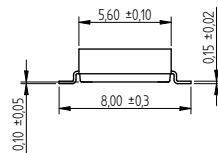
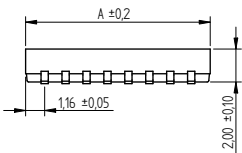
- > Storage condition: -40°C ~ +85°C
- > Operating condition: -40°C ~ +85°C
- > Compliance: Lead Free, ROHS, Reach

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