

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 Type**

MATERIAL

- >**Cover:** PBT UL 94V-0, color Red
- >**Base:** PA 66 UL 94V-0, color Black
- >**Actuator:** PA 66 UL 94V-0, color White
- >**Support:** PA 66 UL 94V-0, color Black
- >**Contact:** Gold Plated
- >**Terminal:** Tin Plated

SOLDERING INFORMATION

- >**Terminal in THT version**
- >**Wave soldering 260°C 10sec. max**
- >**Hand soldering with 30W or under at 350°C for 3 sec. max or at 270°C for 5 sec max**
- >**Keep in "off" position during soldering**
- >**Ultrasonic cleaning not re-commended**
- >**Any inflow of Flux into the switch may influence the contact function**

ENVIRONMENTAL

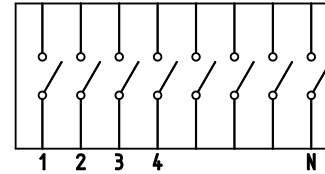
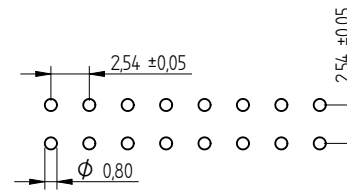
- >**Storage condition: -40°C ~ +85°C**
- >**Operation condition: -40°C ~ +85°C**
- >**Compliance: Lead Free, ROHS, Reach**

PACKAGING INFORMATION

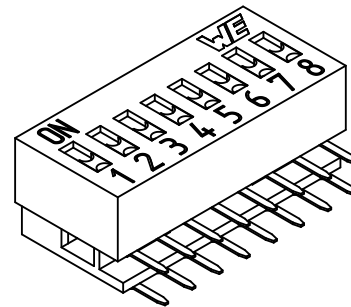
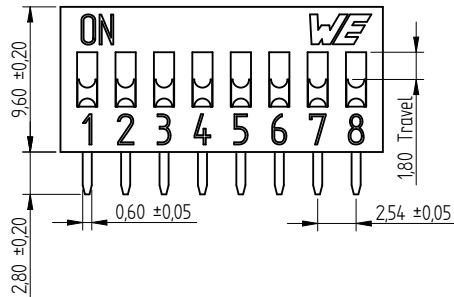
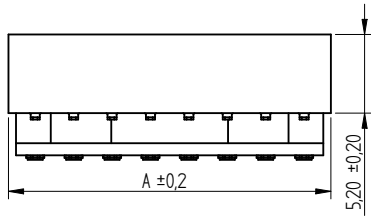
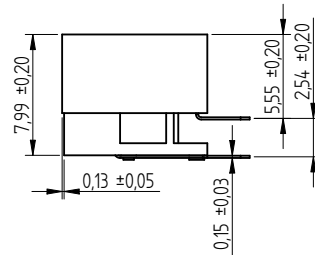
- >**Tube packaging only**
- >**On delivery in "off" position**

DIMENSION

| | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|
| No.Of Pole | 2 | 3 | 4 | 5 | 6 | 7 |
| Dim. A (mm) | 6,08 | 8,62 | 11,16 | 13,70 | 16,24 | 18,78 |
| No.Of Pole | 8 | 9 | 10 | 12 | | |
| Dim. A (mm) | 21,32 | 23,86 | 26,40 | 31,48 | | |



Wiring Diagram



| | | | | | | | | |
|-----|------|------------|----|--------------------------------|------------------|----------------------------|--|--|
| | | Projection | | GENERAL TOLERANCE | | Basic material | | |
| | | | | .x = +/- 0,2 .xx = +/- 0,15 | | | | |
| | | | | Date | Name | DESCRIPTION | | |
| | | | | Drawn | 09-02-24 | Jelisarow | WE-SWITCH_BOX_Type, right angle, THT version | |
| | | | | Checked | | | flat Actuator without top tape sealed | |
| | | | | Würth Elektronik RDX | | Scale | 2:1 | |
| | | | | | | Position | | |
| | | | | | | Drawing.- No. 4182171709xx | | |
| REV | FILE | DATE | BY | EDV NO | 4182171709xx.dft | | SIZE A4 | |
| | | | | | | | System :Solid Edge V20 | |