

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 HB, color White

>Tape: Polyimide Film

>Contact: Gold Plated

>Terminal: Gold Plated

SOLDERING INFORMATION

>Terminal in SMD version

>Reflow soldering according to JEDEC J-STD 020 Hot Air
3 cycles max.

>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

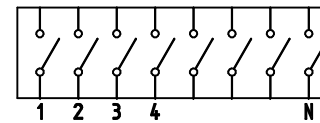
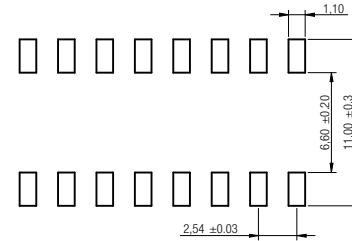
>Tape & Reel packaging

>On delivery in "off" position

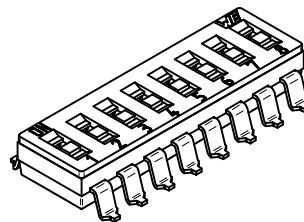
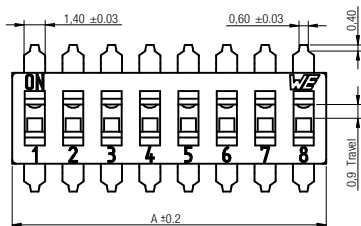
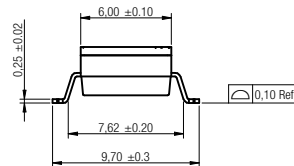
DIMENSION

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	

Scale - 2:1



Wiring Diagram



This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

		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	
b	warning text	11-10-26	WJ	SIZE	
a	Actuator: HB was 94V-0	11-08-26	WJ	Drawing.- No. 4181211608xx	
REV	FILE	DATE	BY	EDV NO	4181211608xx.dft
					System Solid Edge V20