

TECHNICAL CHARACTERISTICS

SPECIFICATION

- >Rating: 50mA, 12VDC
- >Contact Resistance:
 - Initial: 100mOHM max.
 - After Life Test: 20OHM max.
- >Insulation Resistance: min. 100MOHM at 500VDC
- >Dielectric Strength: 250VAC for 1 minute
- >Stroke: 0.25 + 0.2 mm / - 0.1 mm

MATERIAL

- >Cover: Stainless Steel
- >Stem: LCP UL 94V-0
- >Frame: LCP UL 94V-0, color Black
- >Contact: Stainless Steel with silver cladding
- >Terminal: Brass with silver plating
- >Tape: Polyimide tape

SOLDERING INFORMATION

- >Terminal in SMD version
- >Reflow soldering according to JEDEC J-STD-020D
- >Hand soldering under 350 °C for 3 sec. max

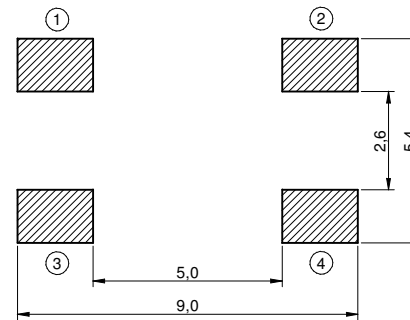
ENVIRONMENTAL

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

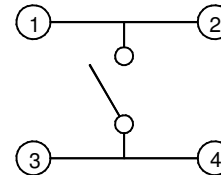
PACKAGING INFORMATION

- >Tape & Reel

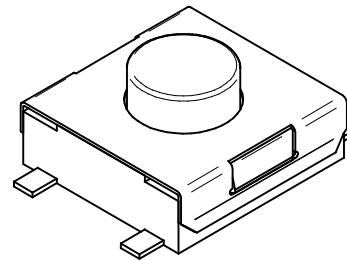
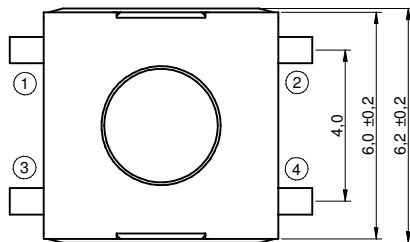
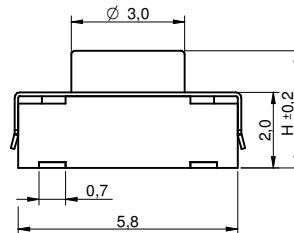
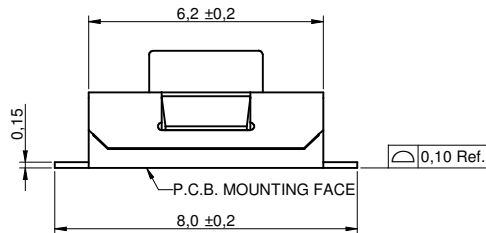
PN	Force	Color of Stem	Life cycle	-025		-031		-035	
				H	Ø D	H	Ø D	H	Ø D
430 481 xxx 816	160g ± 50gf	Black	1.000.000	2.5	3.0	3.1	3.0	3.5	3.0
430 471 xxx 826	260g ± 50gf	White	500.000						
430 451 xxx 836	360g ± 50gf	Salmon	200.000						



P.C.B. MOUNTING PLAN



SCHEMATIC



Scale - 5:1

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.

		Projection		GENERAL TOLERANCE .x = +/- 0,2 .xx = +/- 0,15		Basic material	
				Date	Name	DESCRIPTION	
				Drawn	09-09-10	Jelisarow	SwTact
				Checked			WS-TSW 6x6mm washable Tact Switch, SMD version
						Scale	5:1
						Position	
						SIZE	
a	warning text	11-10-28	WJ			Drawing.- No. 4304x1xxx8x6	
REV	FILE	DATE	BY	EDV NO	4304x1xxx8x6.dft	System: Solid Edge V20	