

TECHNICAL CHARACTERISTICS

SPECIFICATION

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

MATERIAL

- >Cover: Stainless Steel
- >Stem: PA46, UL HB
- >Frame: PA46, UL HB, color Black
- >Contact: Stainless Steel with silver cladding
- >Terminal: Copper alloy with silver plating
- >Tape: Polyimide tape

SOLDERING INFORMATION

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

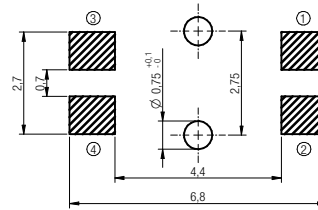
ENVIRONMENTAL

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

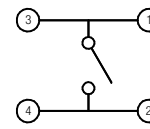
PACKAGING INFORMATION

- >Tape & Reel

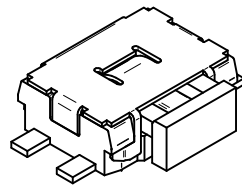
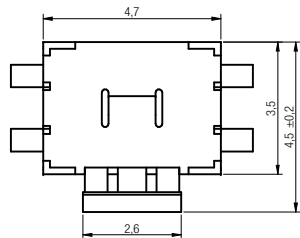
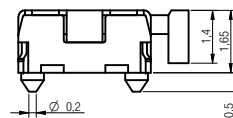
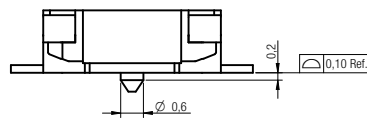
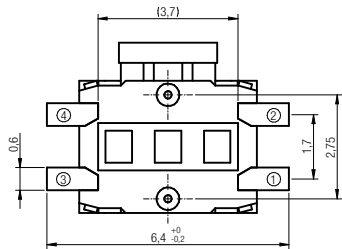
PN	Force	Color of Stem	Life cycle	Stroke
436 351 045 816	160g ± 50gf	White	200.000	0,25 mm ± 0,1
436 331 045 822	220g ± 50gf	Black	100.000	0,30 mm +0,1 / -0,2



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	10-03-22	SwTUS	
				Checked		WS-TUS 4,7x3,5 mm side push tact switch with boss design, SMD version	
						Scale	5:1
						Position	
b	description	12-06-06	WJ			SIZE	
a	warning text	11-10-28	WJ	Würth Elektronik eiCan		Drawing.- No. 4363x10458xx	
REV	FILE	DATE	BY	EDV NO	4363x10458xx.dft	System Solid Edge V20	