

TECHNICAL CHARACTERISTICS

SPECIFICATION

>Rating: 20mA, 15VDC
 >Contact Resistance: Initial: 100mOHM max. After Life Test: 2OHM max.
 >Insulation Resistance: min. 100MOHM at 500VDC
 >Dielectric Strength: 250VAC for 1 minute
 >Stroke: 0.25 +0.05 / - 0.15mm

MATERIAL

>Cover: Copper alloy
 >Frame: LCP UL 94V-0, 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-020D
 >Hand soldering under 350 °C for 3 sec. max

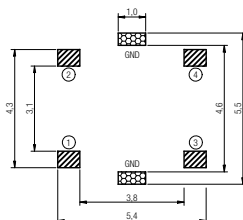
ENVIRONMENTAL

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

PACKAGING INFORMATION

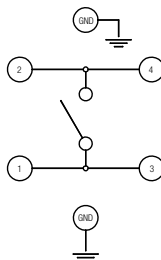
>Tape & Reel

PN	Force	Color of Stem	Life cycle
431 183 008 816	160g ± 50gf	No actuator	1.000.000
431 153 008 826	260g ± 50gf	No actuator	200.000

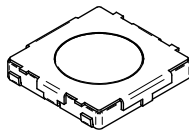
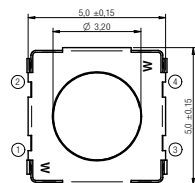
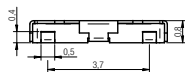
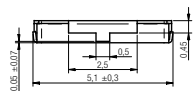


P.C.B. MOUNTING PLAN

Grounded Terminal can be effective even if not soldered



SCHEMATIC



Scale - 5:1

WE WÜRTH ELEKTRONIK		Projection	GENERAL TOLERANCE x = +/- 0.2 xx = +/- 0.15		Basic material
			Date	Name	DESCRIPTION
			Drawn 10-07-13	Jelisarow	SwTact
			Checked		WS-TSS 5x5mm Tact Switch with ground terminal, J-Bend SMD version
			Würth Elektronik eiCan		Scale 5:1
			Drawing - No. 4311x30088x6		Position
REV	FILE	DATE	BY	EDV NO 4311x30088x6.dft	SIZE A4
					System Solid Edge V20