

**TECHNICAL CHARACTERISTICS**

**SPECIFICATION**

- >Rating: 50mA, 12VDC
- >Contact Resistance: Initial: 100mOHM max. After Life Test: 20HM max.
- >Insulation Resistance: min. 100MOHM at 500VDC
- >Dielectric Strength: 250VAC for 1 minute
- >Stroke: 0.2 ± 0.1mm
- >Bounce: 10ms.max.

**MATERIAL**

- >Cover: Stainless Steel
- >Stem: LCP UL 94V-0
- >Frame: LCP UL 94V-0, color Black
- >Contact: Stainless Steel with silver
- >Terminal: Copper alloy with silver plating

**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

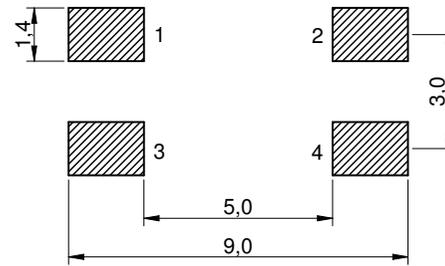
**ENVIRONMENTAL**

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

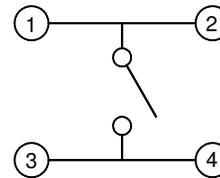
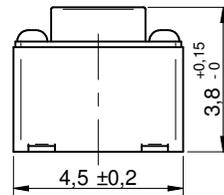
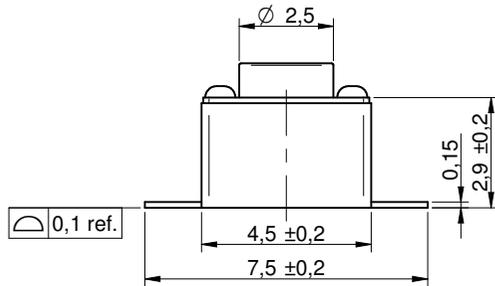
**PACKAGING INFORMATION**

- >Tape & Reel

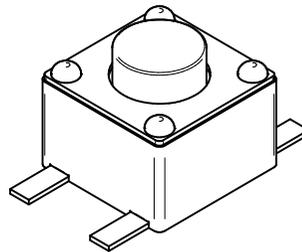
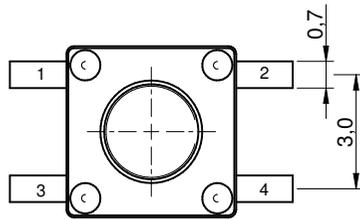
PN	Force	Color of Stem	Life cycle
430 181 038 816	160g ± 50gf	Black	1.000.000



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, Wurth 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	13-03-26	Jelisarow				
				Checked	13-03-26	Hsu				
c	remove Contact cladding	14-10-30	DaF			Scale	3:1	Position		SIZE
b	revised MatchCode	14-07-24	AL			Würth Elektronik eiCan		Drawing.- No. 430181038816		A4
a	Bounce 10ms max.	14-04-11	DaF							
REV	FILE	DATE	BY			System :Solid Edge ST4				