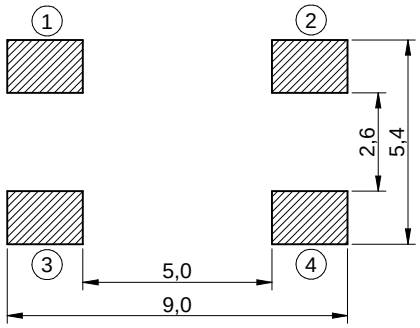
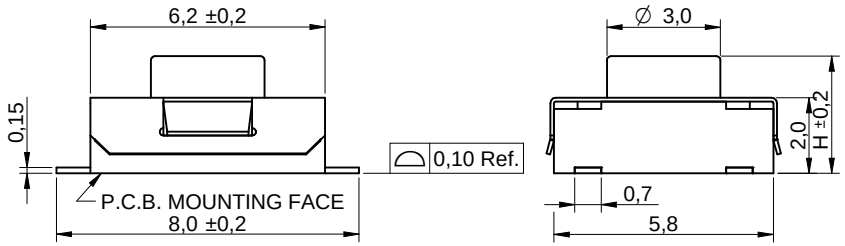
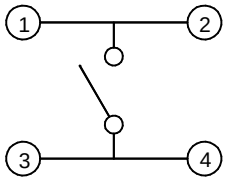
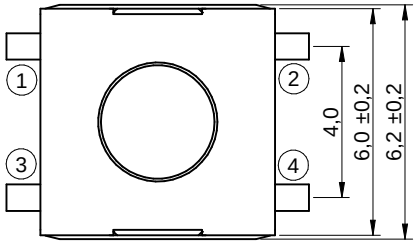


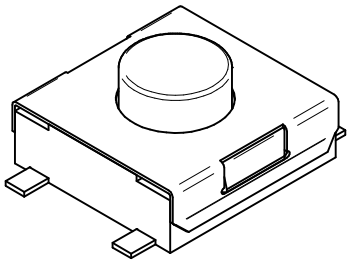
P.C.B. MOUNTING PLAN





SCHEMATIC





Scale - 5:1

TECHNICAL CHARACTERISTICS

SPECIFICATION

>Rating: 50mA, 12VDC
>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 + 0.2 mm / - 0.1 mm
>Bounce 10ms max.

MATERIAL

>Cover: Stainless S**teel**
>Stem: LCP UL 9**4V-0**
>Frame: LCP UL 94V-0, color Bl**ack**
>Contact: Stainless Steel with silver
>Terminal: Brass with silver plati**ng**
>Tape: Polyimide tap***e***

SOLDERING INFORMATION

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

WASHABLE DEFINITION

Please do not submerse washable products into water or cleaning agents or put them in locations exposed to water or liquids completely.
When cleaning by hand (brushing), please do not use excessive force on our switch to avoid malfunction afterwards, because you could deform function relevant areas or you could damage sealing functions.
Do not clean washable series immediately after soldering. The cleaning agent may be absorbed into the switch through respiration while the switch cools.

ENVIRONMENTAL

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

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						

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.

REV	FILE	DATE	BY
e	remove Contact cladding	14-11-03	DaF
d	revised MatchCode	14-07-24	AL
c	Bounce 10ms max.	14-04-11	DaF
b	washable definition	14-01-31	DaF
a	warning text	11-10-28	WJ

WÜRTH ELEKTRONIK

Projection

GENERAL TOLERANCE
.x = +/- 0,2
.xx = +/- 0,15

	Date	Name
Drawn	09-09-10	Jelisarow
Checked	09-09-10	Hsu

WE eiCan CAD — Würth Elektronik eiCan

EDV NO 4304x1xxx8x6.dft

Basic material

DESCRIPTION

WS-TASV 6x6mm washable Tact Switch, SMD version

Scale 5:1 | Position | SIZE A4

Drawing.- No. 4304x1xxx8x6

System :Solid Edge V20