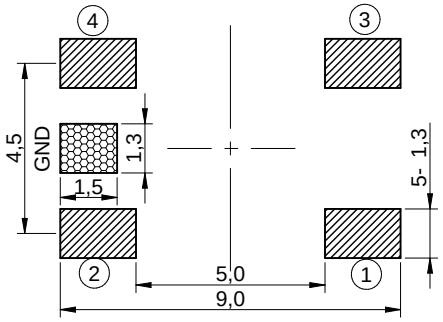
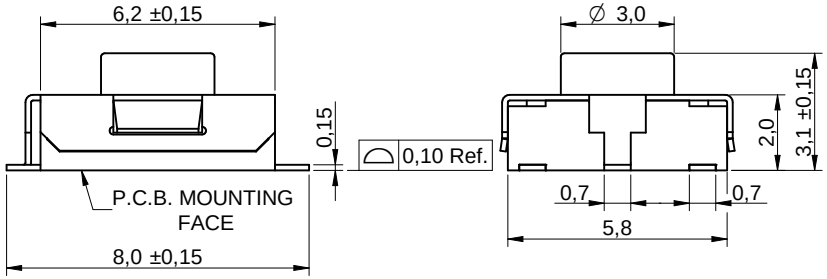
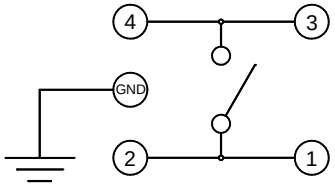


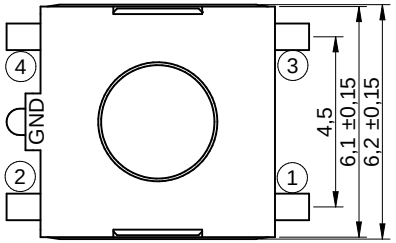
P.C.B. MOUNTING PLAN

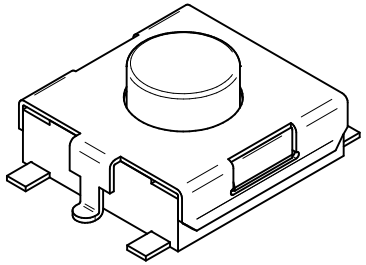


Grounded Terminal can be effective even if not soldered



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 Steel
>Stem: LCP UL 94V-0
>Frame: LCP UL 94V-0, color Black
>Contact: Stainless Steel with silver
>Terminal: Brass 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

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, Reach

PACKAGING INFORMATION

>Tape & Reel

PN	Force	Color of Stem	Life cycle
431 481 031 816	160g ± 50gf	Black	1.000.000
431 471 031 826	260g ± 50gf	White	500.000
431 471 031 836	360g ± 80gf	Salmon	500.000

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
f	remove Contact cladding	14-11-04	DaF
e	revisde MatchCode	14-07-24	AL
d	Bounce 10ms max.	14-04-11	DaF
c	washable definition	14-01-31	DaF
b	new values in chart	12-09-13	WJ
a	warning text	11-10-28	WJ

WÜRTH ELEKTRONIK

Projection

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

Basic material

	Date	Name
Drawn	10-09-30	Jelisarow
Checked	10-09-30	Hsu

DESCRIPTION

WS-TASV 6x6mm washable Tact Switch with ground terminal, SMD version

WE eiCan CAD — Würth Elektronik eiCan

Scale 5:1 | Position | SIZE A4

Drawing.- No. 4314x10318x6

EDV NO 4314x10311x6.dft

System :Solid Edge V20