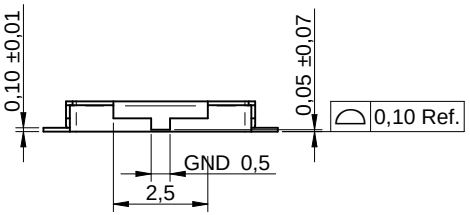
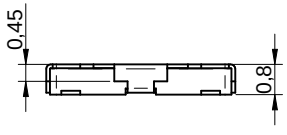
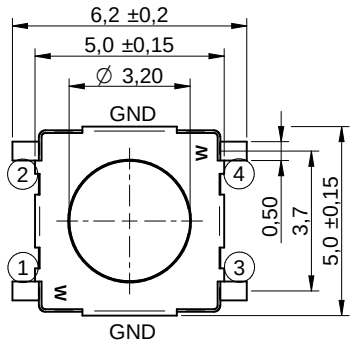
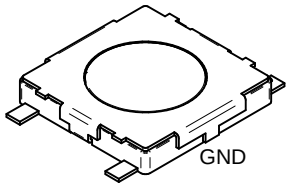
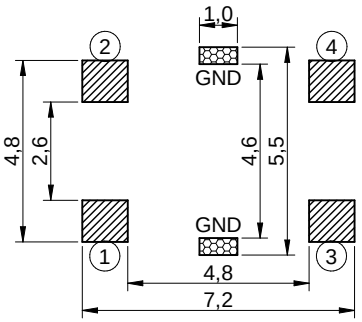




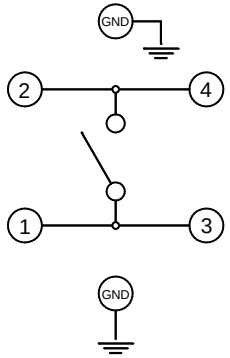






P.C.B. MOUNTING PLAN

Grounded Terminal
can be effective even if not soldered



SCHEMATIC

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 / - 0.1mm
>Bounce: 10ms max.

MATERIAL

>Cover: Copper alloy
>Frame: LCP UL 94V-0, color Black
>Contact: Stainless Steel with silver
>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
431 181 008 816	160g ± 50gf	No actuator	1.000.000
431 151 008 826	260g ± 50gf	No actuator	200.000

Scale - 5:1

REV	FILE	DATE	BY
f	remove Contact cladding	14-11-03	DaF
e	revised MatchCode	14-07-24	AL
d	Bounce 10ms max.	14-04-11	DaF
c	warning text	11-10-28	WJ
b	Stroke Tolerance was +/- 0,15	11-08-30	WJ
a	General Tolerance was +/- 0,2	11-08-26	WJ

WÜRTH ELEKTRONIK

Projection

GENERAL TOLERANCE
.x = +/- 0,1
.xx = +/- 0,15

	Date	Name
Drawn	10-07-13	Jelisarow
Checked	10-07-13	Hsu

WE eiCan CAD — Würth Elektronik eiCan

EDV NO 4311x10088x6.dft

Basic material

DESCRIPTION

WS-TASV 5x5mm Tact Switch with ground terminal, SMD version

Scale	5:1	Position		SIZE
Drawing.- No. 4311x10088x6				A4
System :Solid Edge V20				