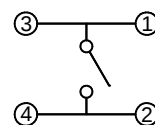


P.C.B. MOUNTING PLAN



SCHEMATIC

## TECHNICAL CHARACTERISTICS

### SPECIFICATION

|                         |                        |
|-------------------------|------------------------|
| >Rating:                | 50mA, 12VDC            |
| >Contact Resistance:    |                        |
| Initial:                | 100mOHM max.           |
| After Life Test:        | 1OHM max.              |
| >Insulation Resistance: | min. 100MOHM at 500VDC |
| >Dielectric Strength:   | 250VAC for 1 minute    |
| >Bounce:                | 10ms max.              |

### MATERIAL

|            |                                  |
|------------|----------------------------------|
| >Cover:    | Stainless Steel                  |
| >Stem:     | PA46, UL HB                      |
| >Frame:    | PA46, UL HB, color White         |
| >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

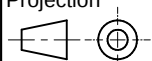
| PN              | Force       | Color of Stem | Life cycle | Stroke              |
|-----------------|-------------|---------------|------------|---------------------|
| 434 353 045 816 | 160g ± 50gf | White         | 200.000    | 0,25 mm ± 0,1       |
| 434 333 045 822 | 220g ± 50gf | Black         | 100.000    | 0,30 mm +0,1 / -0,2 |

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.

|                                                                                     |                         |                                                                                      |     |                                                                                                              |          |           |                                                              |  |          |  |      |  |
|-------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------|----------|-----------|--------------------------------------------------------------|--|----------|--|------|--|
|  |                         |  |     | <div>GENERAL TOLERANCE</div> <div>.x = +/- 0,2</div> <div>.xx = +/- 0,15</div>                               |          |           | Basic material                                               |  |          |  |      |  |
|                                                                                     |                         |                                                                                      |     |                                                                                                              | Date     | Name      | DESCRIPTION                                                  |  |          |  |      |  |
|                                                                                     |                         |                                                                                      |     | Drawn                                                                                                        | 10-07-14 | Jelisarow |                                                              |  |          |  |      |  |
| e                                                                                   | remove Contact cladding | 14-10-30                                                                             | DaF | Checked                                                                                                      | 10-07-14 | Hsu       |                                                              |  |          |  |      |  |
| d                                                                                   | revised MatchCode       | 14-07-24                                                                             | AL  |                                                                                                              |          |           | WS-TASU 4,7x3,5 mm side push tact switch, J-Bend SMD version |  |          |  |      |  |
| c                                                                                   | Bounce 10ms max.        | 14-04-11                                                                             | DaF |  Würth Elektronik eiCan |          |           | Scale 5:1                                                    |  | Position |  | SIZE |  |
| b                                                                                   | description             | 12-06-06                                                                             | WJ  |                                                                                                              |          |           | Drawing.- No. 4343x30458xx                                   |  |          |  |      |  |
| a                                                                                   | warning text            | 11-10-28                                                                             | WJ  |                                                                                                              |          |           |                                                              |  |          |  |      |  |
| REV                                                                                 | FILE                    | DATE                                                                                 | BY  | EDV NO 4343x30458xx.dft                                                                                      |          |           | System :Solid Edge V20                                       |  |          |  | A4   |  |