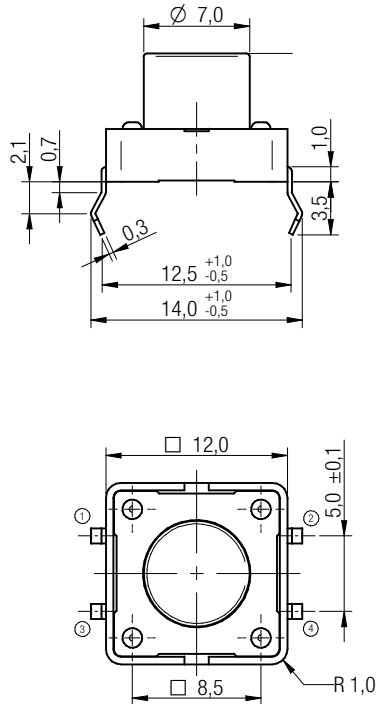
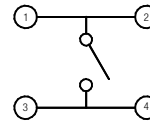
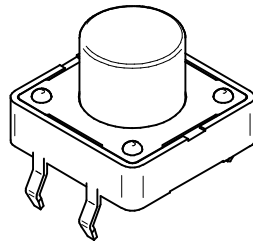


P.C.B. MOUNTING PLAN



SCHEMATIC



## 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:  $0,3 \pm 0,1$  mm

### MATERIAL

- >Cover: Stainless Steel
- >Stem: LCP UL 94V-0
- >Frame: LCP UL 94V-0, color Black
- >Contact: Stainless Steel with silver cladding
- >Terminal: copper alloy with tin plating
- >Tape: Polyimide tape

### SOLDERING INFORMATION

- >Terminal in THT version
- >Wave soldering 260°C 10 sec. max.
- >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

#### >Bulk

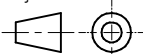
| PN              | Force           | Color of Stem | Life cycle |
|-----------------|-----------------|---------------|------------|
| 430 476 085 716 | 160g $\pm$ 50gf | Black         | 500.000    |
| 430 466 085 726 | 260g $\pm$ 70gf | White         | 300.000    |
| 430 456 085 736 | 360g $\pm$ 90gf | Salmon        | 200.000    |

Scale - 2:1

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, Würth 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<br> |    | GENERAL TOLERANCE<br><br>.x = +/- 0,2<br>.xx = +/- 0,15                                                         |                  | Basic material                                                                   |     |          |  |           |
|                                                                                     |                   |                                                                                                    |    | Date                                                                                                            | Name             | DESCRIPTION<br><br>SwTSW<br><br>WS-TSW 12x12mm washable Tact Switch, THT version |     |          |  |           |
|                                                                                     |                   |                                                                                                    |    | Drawn                                                                                                           | 11-02-14         |                                                                                  |     |          |  | Jelisarow |
|                                                                                     |                   |                                                                                                    |    | Checked                                                                                                         |                  |                                                                                  |     |          |  |           |
|                                                                                     |                   |                                                                                                    |    |                                                                                                                 |                  |                                                                                  |     |          |  |           |
|                                                                                     |                   |                                                                                                    |    |  Würth Elektronik<br>eiCan |                  | Scale                                                                            | 2:1 | Position |  | SIZE      |
| b                                                                                   | warning text      | 11-10-28                                                                                           | WJ |                                                                                                                 |                  | Drawing.- No. 4304x60857x6                                                       |     |          |  | A4        |
| a                                                                                   | Material of Frame | 11-04-12                                                                                           | WJ |                                                                                                                 |                  |                                                                                  |     |          |  |           |
| REV                                                                                 | FILE              | DATE                                                                                               | BY | EDV NO                                                                                                          | 4304x60859x6.dft | System :Solid Edge V20                                                           |     |          |  |           |