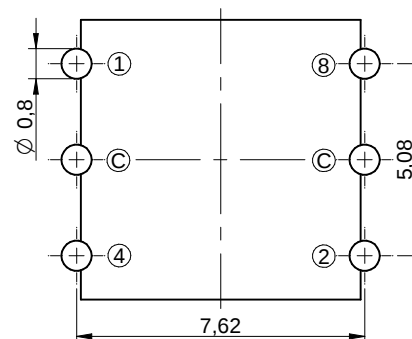
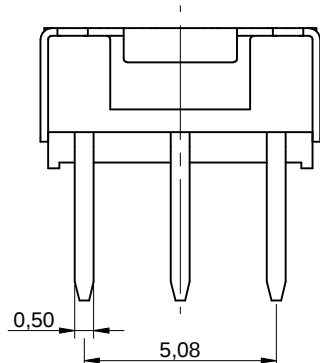
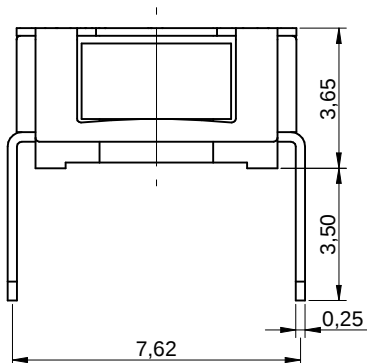
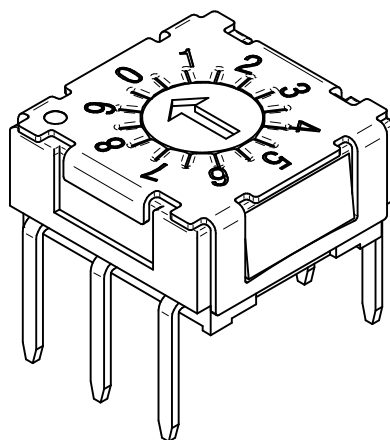
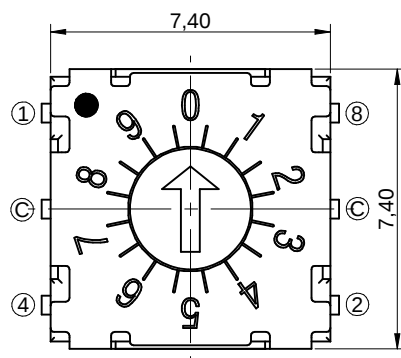




RECOMMENDED LAYOUT



## TECHNICAL CHARACTERISTICS

### SPECIFICATION

#### >Contact Rating:

Switching: 100mA, 42VDC  
Non-Switching: 400mA, 42VDC

#### >Contact Resistance:

Initial: 80mOHM max.  
After Life Test: 200mOHM max.

#### >Insulation Resistance:

min. 100MOHM at 250VDC

#### >Dielectric Strength:

250VAC for 1 minute

#### >Operating Force:

120g ± 30g

#### >Life cycle:

25.000 steps

#### >Position:

10

#### >Actuator:

Arrow type

### SOLDERING INFORMATION

#### >Terminal in THT version

#### >Wave soldering 260°C for 10 sec. max

#### >Hand soldering at 350°C for 3 sec. max

### WASHABLE DEFINITION

Please do not submerge 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: -60°C ~ +125°C

#### >Operation condition: -60°C ~ +125°C

#### >Compliance: Lead Free, ROHS

### PACKAGING INFORMATION

#### >Tube

| Part number     | Color of Actuator | Position | Code            |
|-----------------|-------------------|----------|-----------------|
| 428 547 320 910 | red               | 10       | Real Code       |
| 428 547 320 911 | orange            | 10       | Complement Code |

| Real Code |             |
|-----------|-------------|
|           | C 1 2 4 8   |
| 0         | • • • • • 0 |
| 1         | • • • • • 1 |
| 2         | • • • • • 2 |
| 3         | • • • • • 3 |
| 4         | • • • • • 4 |
| 5         | • • • • • 5 |
| 6         | • • • • • 6 |
| 7         | • • • • • 7 |
| 8         | • • • • • 8 |
| 9         | • • • • • 9 |

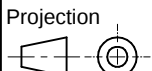
| Complement Code |             |
|-----------------|-------------|
|                 | C 1 2 4 8   |
| 0               | • • • • • 0 |
| 1               | • • • • • 1 |
| 2               | • • • • • 2 |
| 3               | • • • • • 3 |
| 4               | • • • • • 4 |
| 5               | • • • • • 5 |
| 6               | • • • • • 6 |
| 7               | • • • • • 7 |
| 8               | • • • • • 8 |
| 9               | • • • • • 9 |

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, 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.

|                                                                                     |                     |                                                                                      |     |                                                                                                                 |          |                                                                                 |  |          |  |           |
|-------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------|--|----------|--|-----------|
|  |                     |  |     | GENERAL TOLERANCE<br>.x = +/- 0,2<br>.xx = +/- 0,15                                                             |          | Basic material                                                                  |  |          |  |           |
|                                                                                     |                     |                                                                                      |     | Date                                                                                                            | Name     | DESCRIPTION<br><br>WS-ROTV_7,0 x 7,0 mm Rotary Switch, 10 position, THT version |  |          |  |           |
|                                                                                     |                     |                                                                                      |     | Drawn                                                                                                           | 11-03-28 |                                                                                 |  |          |  | Jelisarow |
|                                                                                     |                     |                                                                                      |     | Checked                                                                                                         | 11-03-28 |                                                                                 |  |          |  | Hsu       |
| c                                                                                   | revised MatchCode   | 14-07-25                                                                             | AL  |  Würth Elektronik<br>eiCan |          | Scale 5:1                                                                       |  | Position |  | SIZE      |
| b                                                                                   | Washable Definition | 14-03-06                                                                             | DaF |                                                                                                                 |          |                                                                                 |  |          |  |           |
| a                                                                                   | warning text        | 11-09-30                                                                             | WJ  |                                                                                                                 |          | Drawing.- No. 42854732091x                                                      |  |          |  | A4        |
| REV                                                                                 | FILE                | DATE                                                                                 | BY  | EDV NO 42854732091x.dft                                                                                         |          | System :Solid Edge V20                                                          |  |          |  |           |