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|-------------------------|------------------------|
| Switching: | 150mA, 24VDC |
| Non-Switching: | 400mA, 24VDC |
| >Contact Resistance: | |
| Initial: | 80mOHM max. |
| After Life Test: | 200mOHM max. |
| >Insulation Resistance: | min. 100MOHM at 250VDC |
| >Dielectric Strength: | 250VAC for 1 minute |
| >Operating Force: | 700g max. |
| >Life cycle: | 10.000 steps |
| >Position: | 16 |
| >Actuator: | Cross type |
| | |

Real Code

C 1 2 4 8

0 •

1

6 •

7 •

8

13 •

14 •

9

8 • • •

10 • •

Complement Code

• I D

MATERIAL

С 2

С

5,08

4

14,60

>Cover: LCP UL 94V-0. color arev LCP UL 94V-0, color grey >Base: >Actuator: PA 66 UL 94V-0 >Contact: Gold Plated >Terminal: Gold Plated

SOLDERING INFORMATION

>Terminal in SMD version >Reflow soldering according to JEDEC J-STD 020 Hot Air

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

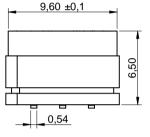
>Storage condition: -40°C ~ +85°C >Operation condition: -40°C ~ +85°C >Compliance: Lead Free, ROHS, Reach

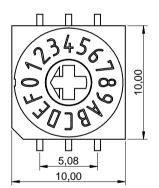
PACKAGING INFORMATION

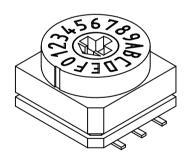
| | | | | • | | | • | | | | |
|-------|-----------------|-------------------|----------|-----------------|--|----|---|---|---|--|--|
| | >Tape and Reel | | | | | | | | ٠ | | |
| | Part number | Color of Actuator | Position | Code | | 13 | • | | ٠ | | |
| - 3:1 | 428 521 520 816 | light grey | 16 | Real Code | | 14 | ٠ | ٠ | | | |
| - 3.1 | 428 521 520 817 | blue | 16 | complement code | | 15 | • | | | | |

| | | | | | | | 428 52 | 21 520 817 | blue 1 | complement code | e 15 • | |
|-----------------------------|-----|---------------------|----------|--------------------------------|---------|-----------|----------------|---|--------|-----------------|--------|------|
| ntion | | | | GENERAL TOLERANCE | | | Basic material | | | | | |
| eld ation, | | | | .x = +/- 0,2 .xx = +/- 0,15 | | | | | | | | |
| higher of asked | | | | | | Date | Name | DESCRIF | TION | | | |
| | | | | | Drawn | 09-11-05 | Jelisarow | WS-ROSV Rotary Switch 10x10mm, 16 position, SMD version | | | | |
| | | | | | Checked | 09-11-05 | Hsu | | | | | |
| | d | revised MatchCode | 14-07-25 | AL | | | | | | | | |
| | с | Washable Definition | 14-03-05 | DaF | | | | Scale | 3:1 | Position | | SIZE |
| nents, nctions - fety | b | new contact rating | 12-02-02 | WJ | /eiCan\ | | | | | | | SIZE |
| | а | warning text | 11-09-30 | WJ | | | | Drawing No. 42852152081x | | | | A4 |
| | REV | FILE | DATE | BY | EDV NO | 428521520 |)81x.dft | | | System :So | | |

Scale







This electronic component is designed and developed with the intent for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportati (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where I safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Wurth Elektronik must be as for a written approval.

In addition, even electronic component in general electronic equipme when used in electrical circuits that require high safety, reliability fund or performance, the sufficient reliability evaluation-check for the safe must be performed before by the user before usage.