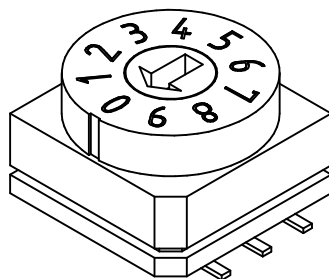
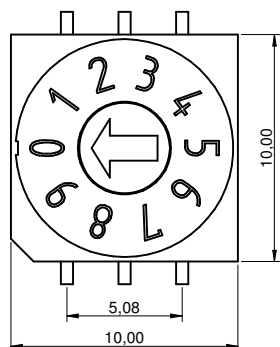


RECOMMENDED LAYOUT



TECHNICAL CHARACTERISTICS

SPECIFICATION

- >**Contact Rating:**
 - 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:** 10
- >**Actuator:** Arrow type

MATERIAL

- >**Cover:** LCP UL 94V-0, color grey
- >**Base:** LCP UL 94V-0, color grey
- >**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**

ENVIRONMENTAL

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

PACKAGING INFORMATION

>Tape and Reel

Part number	Color of Actuator	Position	Code
428 521 320 810	light grey	10	Real Code
428 521 320 811	blue	10	complement code

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


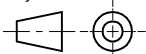

Complement Code									
	C	1	2	4	8				
0	•	•	•	•	•	•	•	•	•
1	•	•	•	•	•	•	•	•	•
2	•	•	•	•	•	•	•	•	•
3	•	•	•	•	•	•	•	•	•
4	•	•	•	•	•	•	•	•	•
5	•	•	•	•	•	•	•	•	•
6	•	•	•	•	•	•	•	•	•
7	•	•	•	•	•	•	•	•	•
8	•	•	•	•	•	•	•	•	•
9	•	•	•	•	•	•	•	•	•

Scale - 3:1

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.

				<p>GENERAL TOLERANCE</p> <p>.x = +/- 0,2 .xx = +/- 0,15</p>		<p>Basic material</p>						
					Date	Name	<p>DESCRIPTION</p> <p>SwRotary</p> <p>WS-RAS Rotary Switch 10x10mm, 10 position, SMD version</p>					
				Drawn	09-11-05	Jelisarow						
				Checked								
b	new contact rating	12-02-02	WJ	 Würth Elektronik eiCan			Scale	3:1	Position		SIZE	
a	warning text	11-09-30	WJ				Drawing- No.	42852132081x				
REV	FILE	DATE	BY	EDV NO	42852132081x.dft				System Solid Edge V20			A4