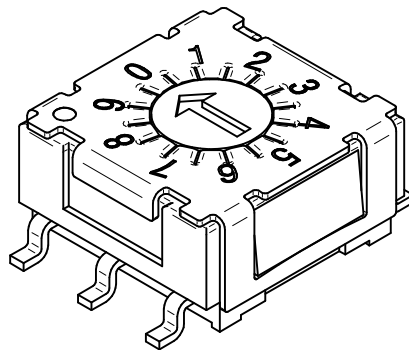
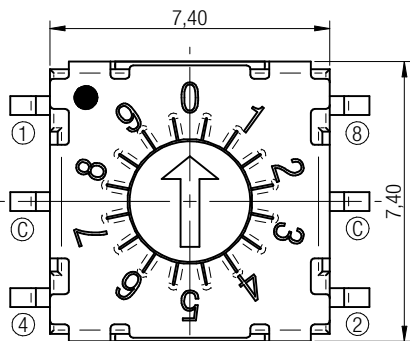


RECOMMENDED LAYOUT



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

MATERIAL

- >**Cover:** Stainless Steel
- >**Base:** LCP UL 94V-0, color black
- >**Actuator:** LCP 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:** -60°C ~ +125°C
- >**Operation condition:** -60°C ~ +125°C
- >**Compliance:** Lead Free, ROHS

PACKAGING INFORMATION

- >**Tape & Reel**

Part number	Color of Actuator	Position	Code
428 542 320 810	red	10	Real Code
428 542 320 811	orange	10	Complement Code

		Real Code				
		C	1	2	4	8
10 Position	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
10 Position	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.

		Projection		GENERAL TOLERANCE .x = +/- 0,2 .xx = +/- 0,15		Basic material	
				Date 11-03-28 Name Jelisarow		DESCRIPTION SwRAS	
				Checked		WS-RAS_7,0 x 7,0 mm Rotary Switch, 10 position, SMD version	
				Würth Elektronik eiCan		Scale 5:1 Position	
a warning text REV FILE		11-09-30 WJ DATE BY		EDV NO 42854232081x.dft		Drawing.- No. 42854232081x A4	
						System Solid Edge V20	