

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: PA66 UL 94V-0, color light grey

>Base: PA66 UL 94V-0, color black

>Actuator: POM UL HB

>Contact: Gold Plated

>Terminal: Gold Plated

SOLDERING INFORMATION

>Terminal in THT version

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

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

ENVIRONMENTAL

>Storage condition: -40°C ~ +85°C

>Operation condition: -40°C ~ +85°C

>Compliance: ROHS, Reach

PACKAGING INFORMATION

>Tube

Part number	Color of Actuator	Position	Code
428 427 320 910	dark grey	10	Real Code
428 427 320 911	ivory	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

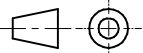
		Complement Code				
		C	1	2	4	8
10 Position	0	•	•	•	•	0
	1	•	•	•	•	1
	2	•	•	•	•	2
	3	•	•	•	•	3
	4	•	•	•	•	4
	5	•	•	•	•	5
	6	•	•	•	•	6
	7	•	•	•	•	7
	8	•	•	•	•	8
	9	•	•	•	•	9

Scale - 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 		GENERAL TOLERANCE .x = +/- 0,2 .xx = +/- 0,15		Basic material					
					Date	Name	DESCRIPTION SwRotary WS-RAT 10x10mm right angle rotary Switch, 10 position, THT version				
					Drawn	12-03-13					Jelisarow
					Checked						
					 Würth Elektronik eiCan		Scale 2:1		Position		SIZE
							Drawing.- No. 42842732091x				A4
REV	FILE	DATE	BY	EDV NO	42842732091x.dft		System: Solid Edge V20				