1,20 С 2 C 5,08

RECOMMENDED LAYOUT

5,08 10,00

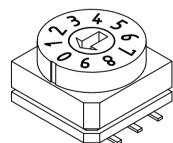
9,60 ±0,1

0,54

2,20

6,80

50

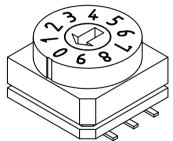


12.00

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, Wurth 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.



△ 0,10 Ref.

>Actuator: PA 66 UL 94V-0 >Terminal: Gold Plated

>Contact: Gold Plated

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

TECHNICAL CHARACTERISTICs

>Insulation Resistance: min. 100MOHM at 250VDC

LCP UL 94V-0. color grev

LCP UL 94V-0, color grey

150mA, 24VDC

400mA, 24VDC

80mOHM max. 200mOHM max.

700g max.

10

10.000 steps

Arrow type

250VAC for 1 minute

SPECIFICATION >Contact Rating: Switching:

Non-Switching:

After Life Test:

Initial:

>Contact Resistance:

>Dielectric Strenath:

>Operating Force:

>Life cycle:

>Position:

>Actuator:

MATERIAL

>Cover: >Base:

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

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

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7 • • • • 7	7		•	•	•	٠	7	
8 • • 8	8	•				٠	8	
9 • • • 9	9	•			٠	٠	9	

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	Complement Code							
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10 Position	2	٠	•		•	•	2	
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1		Projection			GENERAL TOLERANCE			Basic material				
l.	WÜRTH ELEKTRONIK			.x = +/- 0.2 .xx = +/- 0.15								
,						Date	Name	DESCRIP	TION			
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					Checked	09-11-05	HSU	WS-ROSV Rotary Switch 10x10mm, 10 position, SMD version			on	
	d	revised MatchCode	14-07-25	AL								
	С	Washable Definition	14-03-05	DaF	WE	Würth Elo	ktronik	Scale	3:1	Position		SIZE
s,	b	new contact rating	12-02-02	WJ	eiCan	Can		/eiCan			SIZE	
ne	а	warning text	11-09-30	WJ	(CAD) eiCan			Drawing No. 42852132081x			A4	
	REV	FILE	DATE	BY	EDV NO	42852132	081x.dft			System :So	olid Edge V20	
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Scale - 3:1