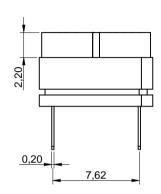
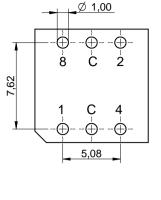
# 9,60 ±0,1 029 08 E

10,00





RECOMMENDED LAYOUT

# TECHNICAL CHARACTERISTICS

# SPECIFICATION

>Contact Rating: Switching:

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

### 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 260°C for 10 sec. max >Hand soldering at 350°C for 3 sec. max

#### 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

#### >Tube

Scale - 3:1

Part number	Color of Actuator	Position	Code					
428 527 520 916	dark grey	16	Real Code					
428 527 520 917	ivory	16	complement code					

	Real Code								
		U	1	2	4	8			
	0	•					0		
	1	•	٠				1		
	2	٠		٠			2		
	თ	•	٠	٠			3		
_	4	٠			٠		4		
16 Position	5	٠	٠		٠		5		
sit	6	٠		٠	٠		6		
8	7	٠	٠	٠	٠		7		
16	8	٠				٠	8		
	9	٠	٠			٠	9		
	10	•		•		٠	Α		
	11	٠	٠	٠		٠	В		
	12	٠			٠	٠	С		
	13	•	٠		٠	٠	D		
	14	٠		٠	•	٠	Е		
	15	٠	٠	٠	٠	٠	F		

	Complement Code								
		С	1	2	4	8			
	0	•	•	٠	•	•	0		
	1	•		٠	•	•	1		
	2	•	٠		•	•	2		
	3	•			•	•	3		
	4	•	٠	٠		•	4		
16 Position	5	•		٠		•	5		
sit	6	•	•			•	6		
Ъ	7	•				•	7		
9	8	•	٠	٠	٠		8		
	9	•		٠	•		9		
	10	•	٠		•		Α		
	11	٠			٠		В		
	12	•	٠	٠			С		
	13	•		٠			D		
	14	•	•				Е		
	15	•					F		

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.

						•	428 52	27 520 917	ivory	16 complement code	15 •	F		
n		Projection			GENERAL TOLERANCE			Basic material						
		WÜRTH ELEKTRONIK			.x = +/- 0,2 .xx = +/- 0,15									
۱,						Date	Name	DESCRIP	TION					
					Drawn	09-11-06	Jelisarow	WS-ROTV Rotary Switch 10x10mm, 16 position, THT version				0		
ity					Checked	09-11-06	Hsu	Swort Notary Switch rexternin, to position, trit version						
	d	revised MatchCode	14-07-25	AL										
	С	Washable Definition	14-03-06	DaF	WE	Würth Elektronik		Scale	3:1	Position		SIZE		
ts,	b	new contact rating	12-02-02	WJ	eiCan CAD eiCan							SIZE		
he	а	warning text	11-09-30	WJ				Drawing No. 42852752091x			A4			
	REV	FILE	DATE	BY	EDV NO 42852752091x.dft			System :Solid Edge V20						
					-									