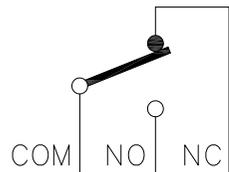
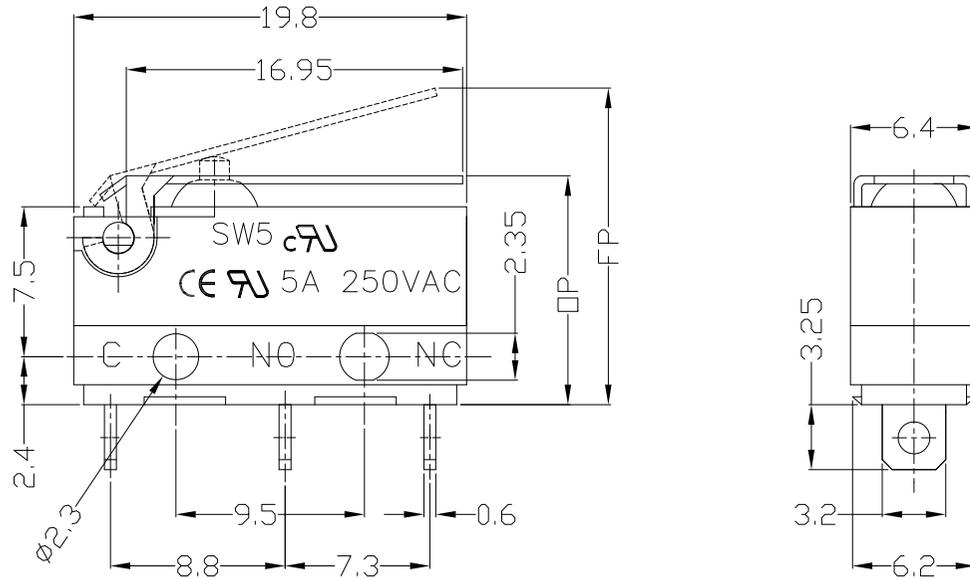




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## DIMENSIONS



## CIRCUIT DIAGRAM

## MODEL CODE

SW 5 - 01 X - XX - C5 - M

1 2 3 4 5 6 7

- Series : SW
- Current Rating: 5=5A 250VAC
- Actuator: 00=Non-lever 01-99=Lever
- Termination: N (2=SPST-NO)
- Operating Force: see chart
- Contact type: C5=5Amps Contact
- Body type: M=6.4mm(the terminal can be solder waterproof wires)

## 1.Functional spec

1.1 Rated Voltage	250VAC
1.2 Rated Current	5A
1.3 Contact Resistance	≤100mΩ(Initial value)
1.4 Operating Force	45±20gf   60±25gf   100±40gf
1.5 Free Position	15.5±1.0mm
1.6 Operating Position	13.5±1.0mm

## 2.Reliable Rating

2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	10,000 CYCLES
2.3 Insulation Resistance	≥100MΩ DC500V
2.4 Withstand Voltage	AC1000V 1 minute
2.5 Soldering Technique	Hand Soldering
2.6 Operating Temper	-25°C ~ +80°C
2.7 Ambient Humidity Used	<85%RH

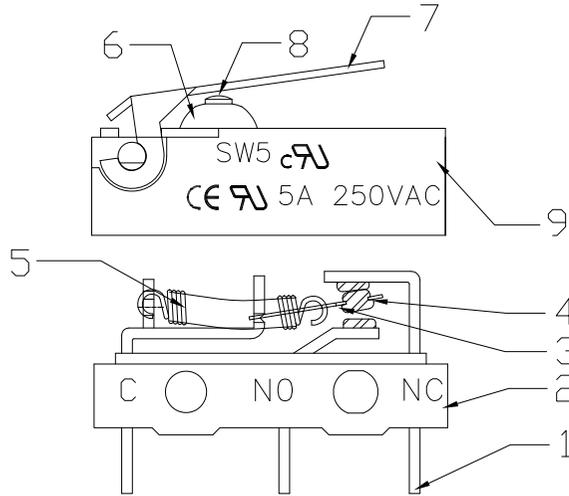
Tolerance:±0.2		UNITS	东莞市铀高电子制品有限公司			
		mm	TITLE:		PART NO.:	
		MAT'L	MICRO SWITCH Waterproof SW5 SERIES		SW5-01N-XX-C5-M	
		SEE NOTE	DR: Ricky 2017/3/9		DWG NO.:	
		FINISH	CHKD: Ricky 2017/3/9		ATD-01N-XX-C5-M	
		SEE NOTE	APPD:		SCALE	SHEET
		Q'TY	11		1/2	REV. A
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### Structure chart



3. Protection class	Test conditions and technical requirement	Conclusion to determine
3.1 protection against ingress of dust <math>\le 0.10\text{mm}</math> (IP5X)	The switches are placed in a position of normal use inside the test chamber. The test is carried out according to the second enclosure of IEC60529-1989. The test shall be continued for a period of 8h. After testing, the switches are taken out of the chamber and left at $25\pm 10^\circ\text{C}$ conditions. Load Rating: 5A 250VAC, test the temperature rise of the switches.	After test: 1. Operating is normal; 2. The temperature rise shall not exceed 50K; 3. Between terminals, terminal and surface of the crust, dielectric withstand in voltage $\ge 1000\text{V}$
3.2 protection against ingress of water (IPX1)	The switches are placed in an oven which the temperature is $70\pm 2^\circ\text{C}$ for 240 hours. Then the switches are taken out of the oven immediately and left at $25\pm 10^\circ\text{C}$ conditions for 16 hours. After that, testing protection against ingress of water. During the testing, the temperature between the water and the samples shall not exceed 5K, and the switches have no electric current.	After test: 1. The body of the switch and the airproof cap have no transmutation, dilapidation, induration; 2. The switch shall withstand the dielectric strength $\ge 1000\text{V}$ 3. There is no trace of water on insulation which could result in a reduction of creepage distances and clearances below the values specified.
3.3 reference standards and conditions	IEC60529-1989 IEC61058-1:1996 Environment condition: temperature range $15^\circ\text{C}-35^\circ\text{C}$	

### Material list

NO.	PARTS	MATERIAL	Q'TY	FINISHING	Tolerance: $\pm 0.2$	UNITS mm	东莞市铀高电子制品有限公司			
9	Upper Housing	Nylon	1	Black		SEE NOTE	TITLE:	PART NO.:		
8	Button	PBT	1	Black			MAT'L	MICRO SWITCH Waterproof SW5 SERIES	SW5-01N-XX-C5-M	
7	Lever	SUS301	1			SEE NOTE	DR:	DWG NO.:		
6	Cap	RUBBER	1				FINISH	<i>Ricky</i> 2017/3/9	ATD-01N-XX-C5-M	
5	Spring	SUS304	1			SEE NOTE	CHKD:	SCALE		
4	Contact	Silver alloy	3				Q'TY	<i>Ricky</i> 2017/3/9	1:1	2/2
3	Change Plate	C5210	1			SEE NOTE	APPD:	A	DRAWING	
2	Base	Nylon	1	Black			FINISHING			
1	Terminal	C2680	3		THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNOTECH INC.					