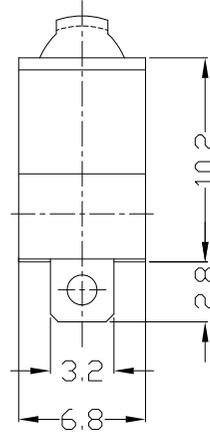
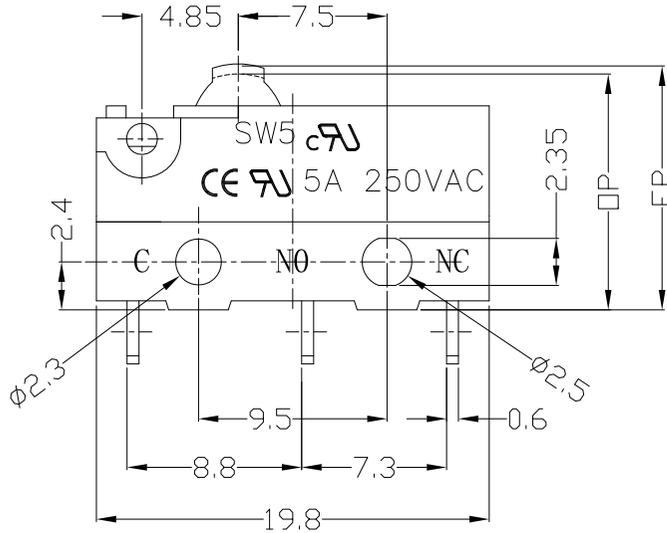




RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

DIMENSIONS

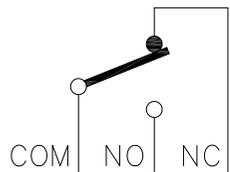


MODEL CODE

SW5-00X-XX-C5

1 2 3 4 5 6

- Series : SW
- Current Rating: 5=5A 250VAC
- Actuator: 00=Non-lever 01-99=Lever
- Termination: see chart (N/P)
(2=SPST-NO)
- Operating Force: see chart
- Contact type: C5=5Amps Contact
- Body type: none=6.8mm



CIRCUIT DIAGRAM

1.Functional spec

1.1 Rated Voltage	250VAC
1.2 Rated Current	5A
1.3 Contact Resistance	≤100mΩ(Initial value)
1.4 Operating Force	115±30gf 175±45gf 250±50gf
1.5 Free Position	12.5±0.5mm
1.6 Operating Position	11.5±0.5mm

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	Hand Soldering
2.6 Operating Temper	-25°C ~ +80°C
2.7 Ambient Humidity Used	<85%RH

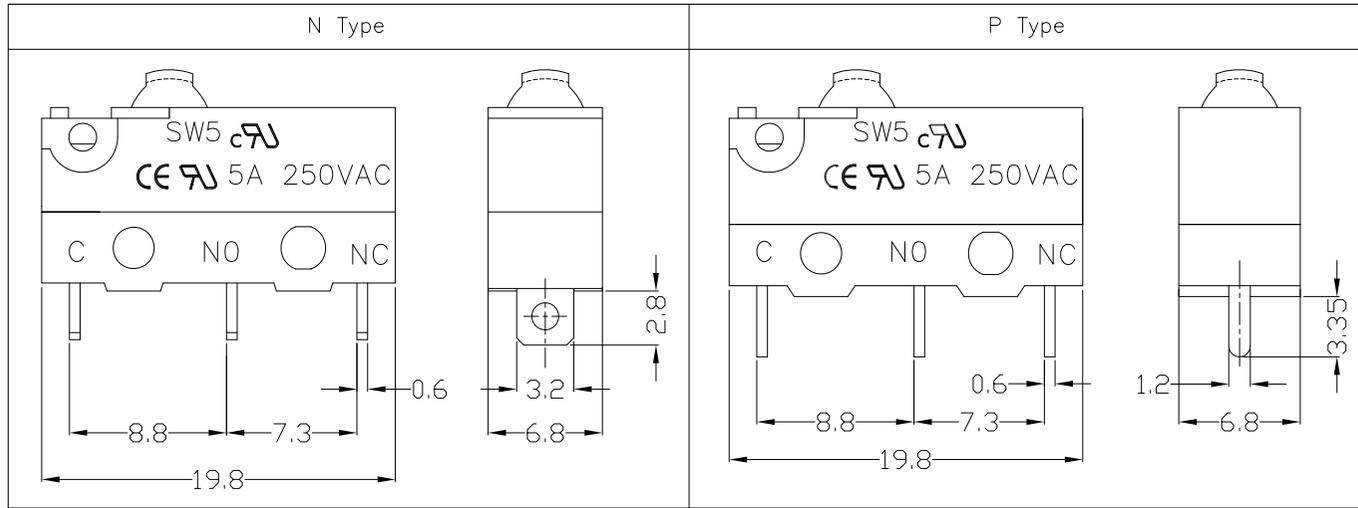
Tolerance:±0.2		UNITS	东莞市铀高电子制品有限公司			
		mm				
		MAT'L	SEE NOTE		TITLE: MICRO SWITCH Waterproof SW5 SERIES	
		FINISH	SEE NOTE		PART NO.: SW5-00N-XX-C5	
		Q'TY	CHKD: Ricky 2017/3/7		DWG NO.: ATD-00X-XX-C5	
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					1:1	1/2



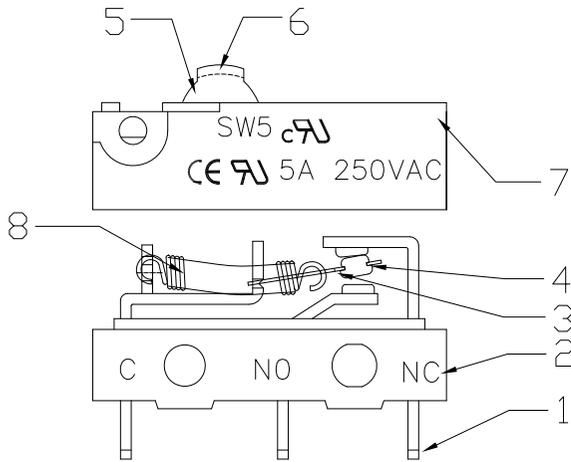
RoHS
Compliant
2002/95/EC

Terminal Type

REV.	ECN.	NO.	APPD.



Structure chart



3. Protection class	Test conditions and technical requirement	Conclusion to determine
3.1 protection against ingress of dust $\leq 1.0\text{mm}$ (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 $\geq 1000\text{V}$
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 airtight cap have no transmutation, dilatation, induration; 2. The switch shall withstand the dielectric strength $\geq 1000\text{V}$ 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
8	Spring	SUS304	1	
7	Upper Housing	Nylon	1	Black
6	Button	PBT	1	Black
5	Cap	RUBBER	1	
4	Contact	Silver alloy	3	
3	Change Plate	C5210	1	
2	Base	Nylon	1	Black
1	Terminal	C2680	3	

Tolerance: ± 0.2	UNITS mm
	MAT'L
	SEE NOTE
	FINISH
	SEE NOTE
	Q'TY

东莞市铀高电子制品有限公司			
TITLE: MICRO SWITCH Waterproof SW5 SERIES		PART NO.: SW5-00X-XX-C5	
DR: Ricky 2017/3/7		DWG NO.: ATD-00X-XX-C5	
CHKD: Ricky 2017/3/7		SCALE	SHEET
APPD:		1:1	2/2
		REV.	CUSTOMER DRAWING
		A	

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