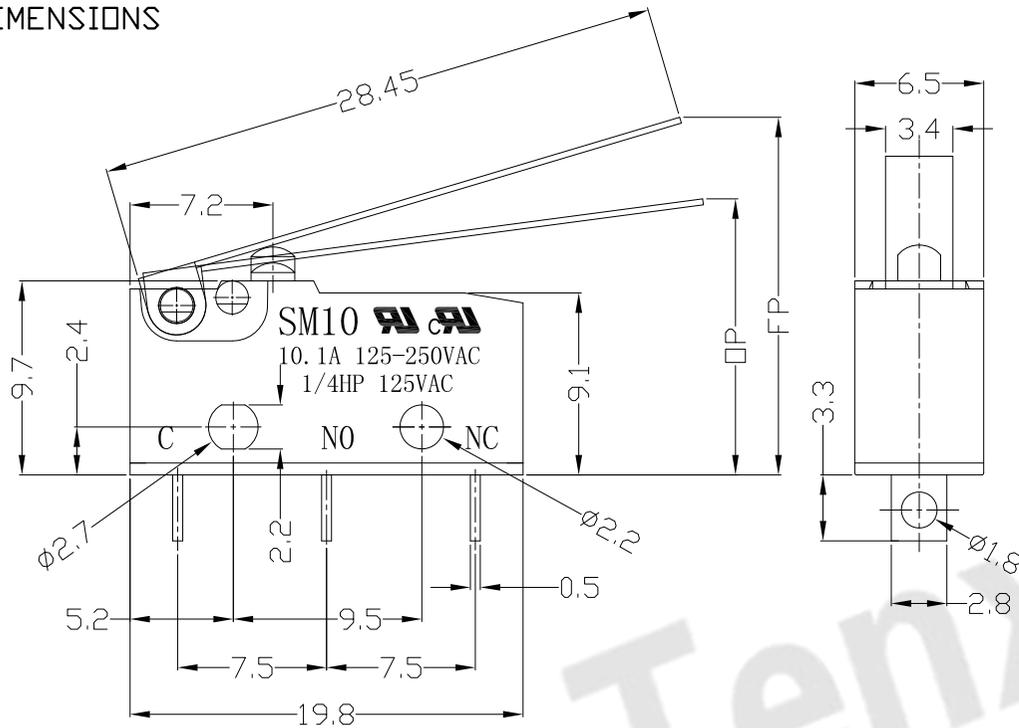




RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

DIMENSIONS



1.Functional spec

1.1 Rated Voltage(AC)	125/250VAC	
1.2 Rated Current(AC)	10.1A	
1.3 Contact Resistance	≤100mΩ(Initial value)	
1.4 Operating Force	40±20gf	55±25gf
1.5 Bounce Time		
1.6 Free Position	18.0±1.2mm	
1.7 Operating Position	13.8±1.2mm	
1.8 Position Travel		
1.9 Return Force		

2.Reliable Rating

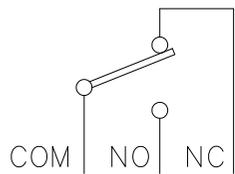
2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	6,000 CYCLES
2.3 Insulation Resistance	≥100MΩ DC500V(Initial value)
2.4 Withstand Voltage	AC1000V 1 minute(Initial value)
2.5 Soldering Technic	Hand Soldering
2.6 Operating Temper	-25°C ~ +85°C
2.7 Ambient Humidity Used	<85%RH

MODEL CODE

SW 10-02 X-XX

1 2 3 4 5

- Series : SW
- Current Rating : 10=10A 125/250VAC
- Actuator : 00=Non-lever 01-99=Lever
- Termination : see chart (N/P/A)
(7=SPST-NO / 3=SPST-NC)
- Operating Force : see chart



CIRCUIT DIAGRAM

Tolerance:±0.2		UNITS	东莞市腾兴电子有限公司			
		mm				
		MAT'L	SEE NOTE		PART NO. SM10-02N-XX	
		FINISH	SEE NOTE		DWG NO. ATD-02X-XX	
		Q'TY	DR: Ricky 2017/4/7		CHKD: Ricky 2017/4/7	
			APPD:		SCALE	SHEET
					1:1	1/2
					REV.	CUSTOMER DRAWING
					A	

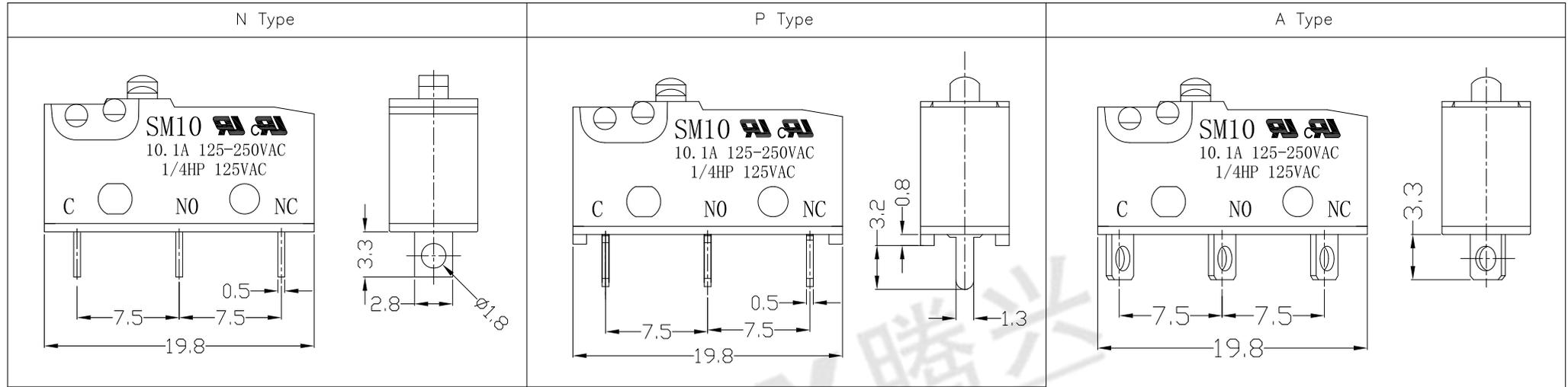
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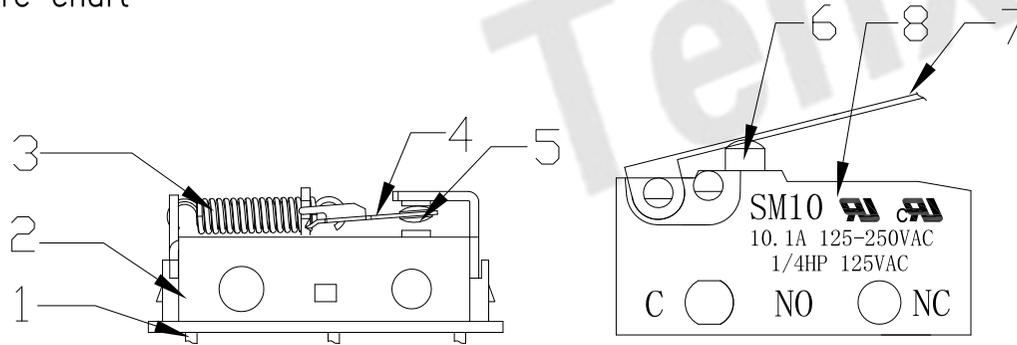
RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	NO.	APPD.

Terminal Type



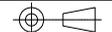
Structure chart



Material list

NO.	PARTS	MATERIAL	Q'TY	FINISHING											
8	Upper Housing	PBT	1	Black	Tolerance:±0.2	UNITS	mm								
7	Lever	SUS301	1												
6	Button	PBT	1	Black	FINISH	SEE NOTE									
5	Contact	Silver alloy	3												
4	Change Plate	C5210	1												
3	Spring	SUS304	1												
2	Lower Housing	PBT	1	Black											
1	Terminal	C2680	3												

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东莞市腾兴电子有限公司

TITLE: MICRO SWITCH SM10 SERIES PART NO.: SM10-02X-XX
 DR: Ricky 2017/4/7 DWG NO.: ATD-02X-XX
 CHKD: Ricky 2017/4/7
 APPD: SCALE: 1:1 SHEET: 2/2 REV: A CUSTOMER DRAWING