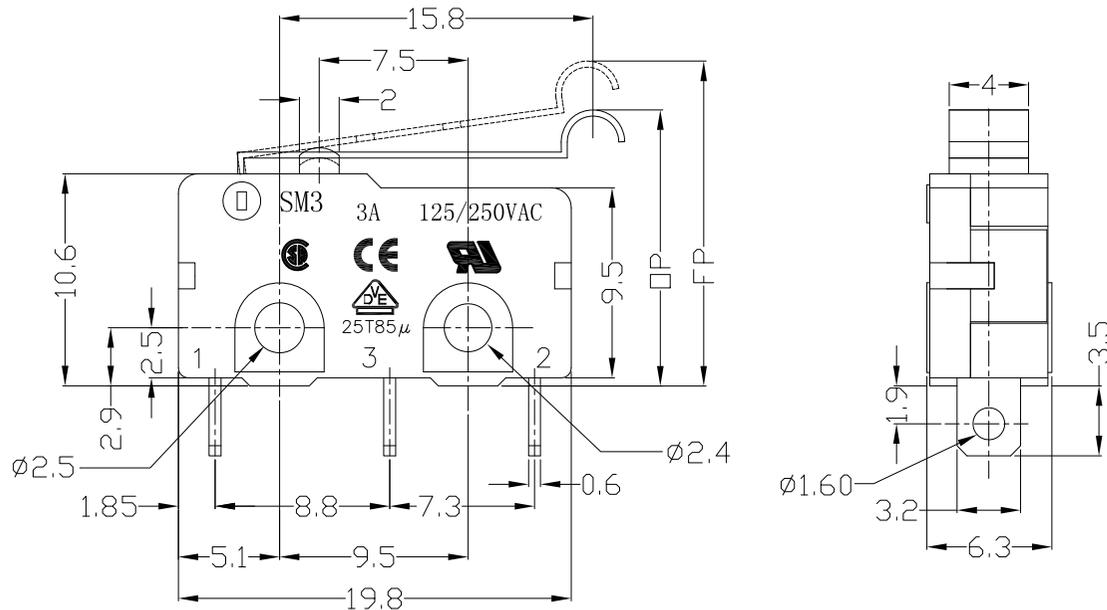




RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS



1.Functional spec

1.1 Rated Voltage(AC)	125/250VAC
1.2 Rated Current(AC)	3A
1.3 Contact Resistance	≤100mΩ(Initial value)
1.4 Operating Force	28±12gf 40±20gf 60±25gf
1.5 Bounce Time	
1.6 Free Position	16.7±0.8mm
1.7 Operating Position	14.5±1.0mm
1.8 Position Travel	
1.9 Return Force	

2.Reliable Rating

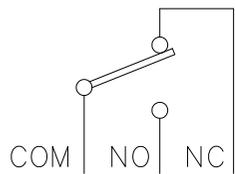
2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	10,000 CYCLES
2.3 Insulation Resistance	≥100MΩ DC500V
2.4 Withstand Voltage	AC1000V 1 minute
2.5 Soldering Technic	Hand Soldering
2.6 Operating Temper	-25°C ~ +85°C
2.7 Ambient Humidity Used	<85%RH

MODEL CODE

SM 3 - 00 X - XX S - C31

1 2 3 4 5 6 7

- 1.Series : SM
- 2.Current Rating : 3=3A 125/250VAC
- 3.Actuator : 00=Non-lever 01-99=Lever
- 4.Termination : see chart (N/P/C/D)
(2=SPST-NO / 3=SPST-NC)
- 5.Operating Force : see chart
- 6.Spring Material:S=SUS304
- 7.Contact type: C31=3Amps Contact



CIRCUIT DIAGRAM



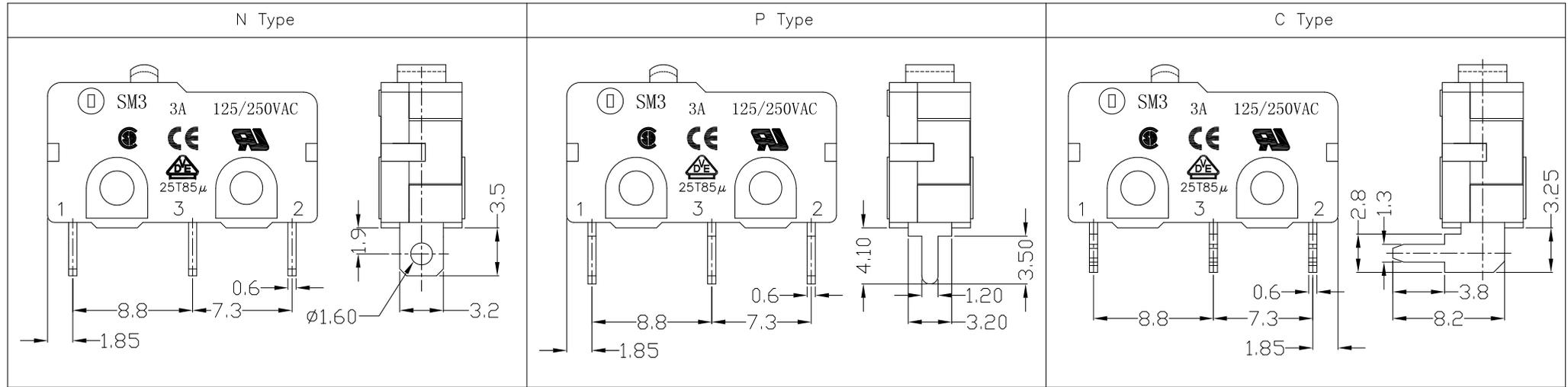
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		mm				
		MAT'L	SEE NOTE		TITLE: MICRO SWITCH SM3 SERIES	
		FINISH	SEE NOTE		PART NO.: SM3-04N-XXS-C31	
		Q'TY	DR: Ricky 2017/4/11		DWG NO.: ATD-04X-XXS-C31	
<small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNOTECH INC.</small>			CHKD: Ricky 2017/4/11		SCALE	
			APPD:		1:1	SHEET 1/2



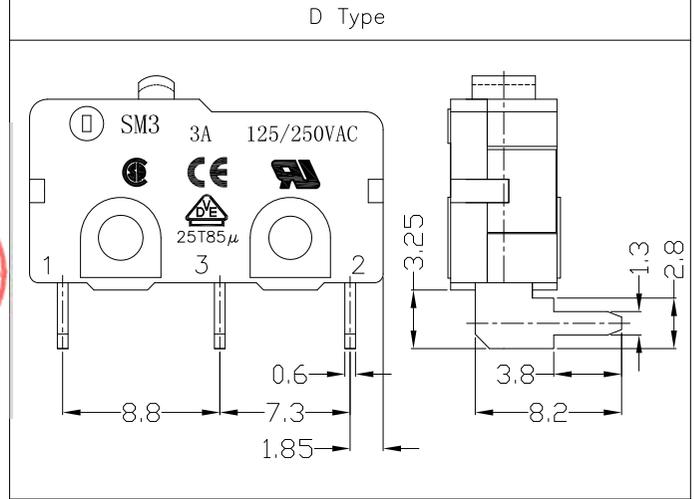
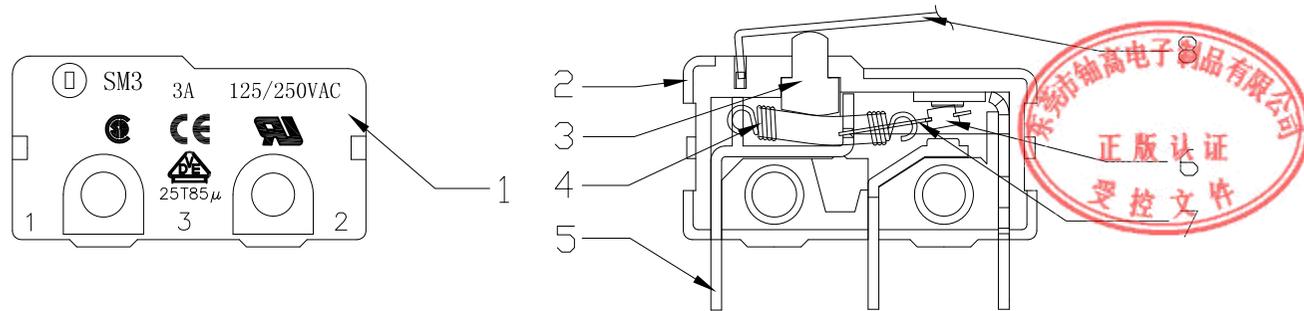
RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

Terminal Type



Structure chart



Material list

8	Lever	SUS301	1	
7	Change Plate	C5210	1	
6	Contact	Silver alloy	1	
5	Terminal	C2680	3	
4	Spring	SUS304	1	
3	Button	PBT	1	
2	Lower Housing	PBT	1	
1	Upper Housing	PBT	1	
NO.	PARTS	MATERIAL	Q'TY	FINISHING

Tolerance: ±0.2

UNITS mm

MAT'L

SEE NOTE

FINISH

SEE NOTE

Q'TY

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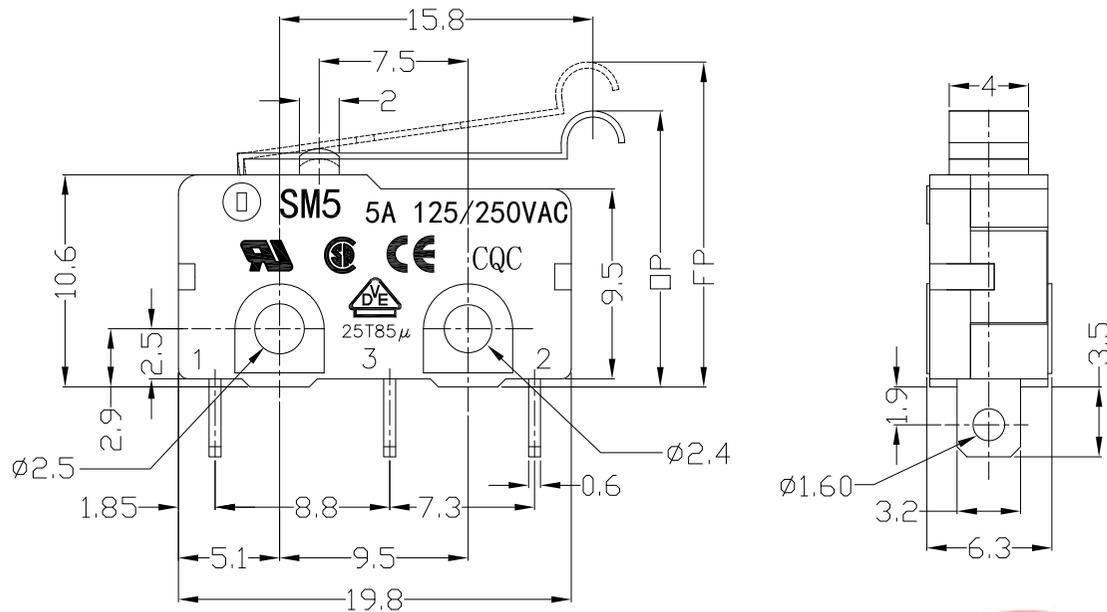
东莞市铀高电子制品有限公司			
TITLE: MICRO SWITCH SM3 SERIES		PART NO.: SM3-04X-XXS-C31	
DR: Ricky 2017/4/11		DWG NO.: ATD-04X-XXS-C31	
CHKD: Ricky 2017/4/11		SCALE: 1:1	SHEET: 2/2
APPD:		REV.: A	CUSTOMER DRAWING



RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS

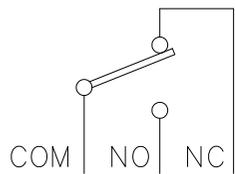


MODEL CODE

SM 5-00 X-XX S-C51

1 2 3 4 5 6 7

- 1.Series : SM
- 2.Current Rating : 5=5A 125/250VAC
- 3.Actuator : 00=Non-lever 01-99=Lever
- 4.Termination : see chart (N/P/C/D/L)
(2=SPST-NO / 3=SPST-NC)
- 5.Operating Force : see chart
- 6.Spring Material:S=SUS304
- 7.Contact type: C51=5Amps Contact



CIRCUIT DIAGRAM

1.Functional spec

1.1 Rated Voltage(AC)	125/250VAC
1.2 Rated Current(AC)	5A
1.3 Contact Resistance	≤100mΩ(Initial value)
1.4 Operating Force	28±12gf 40±20gf 60±25gf
1.5 Bounce Time	
1.6 Free Position	16.7±0.8mm
1.7 Operating Position	14.5±1.0mm
1.8 Position Travel	
1.9 Return Force	

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



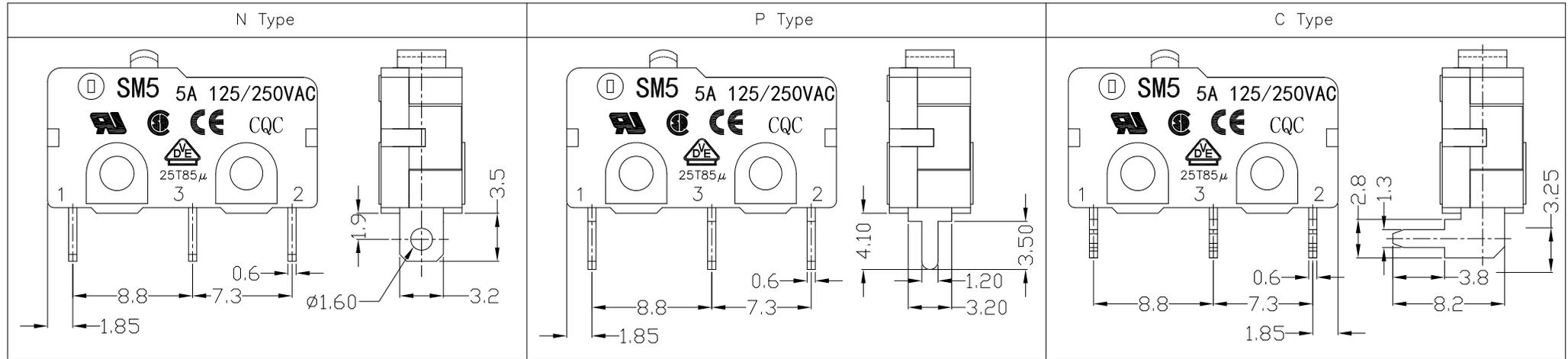
Tolerance: ±0.2		UNITS	东莞市铀高电子制品有限公司			
		mm				
		MAT'L	SEE NOTE		TITLE: MICRO SWITCH SM5 SERIES	
		FINISH	SEE NOTE		PART NO.: SM5-04N-XXS-C51	
		Q'TY	DR: Ricky 2017/4/12		DWG NO.: ATD-04X-XXS-C51	
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			APPD:		1:1	SHEET 1/2



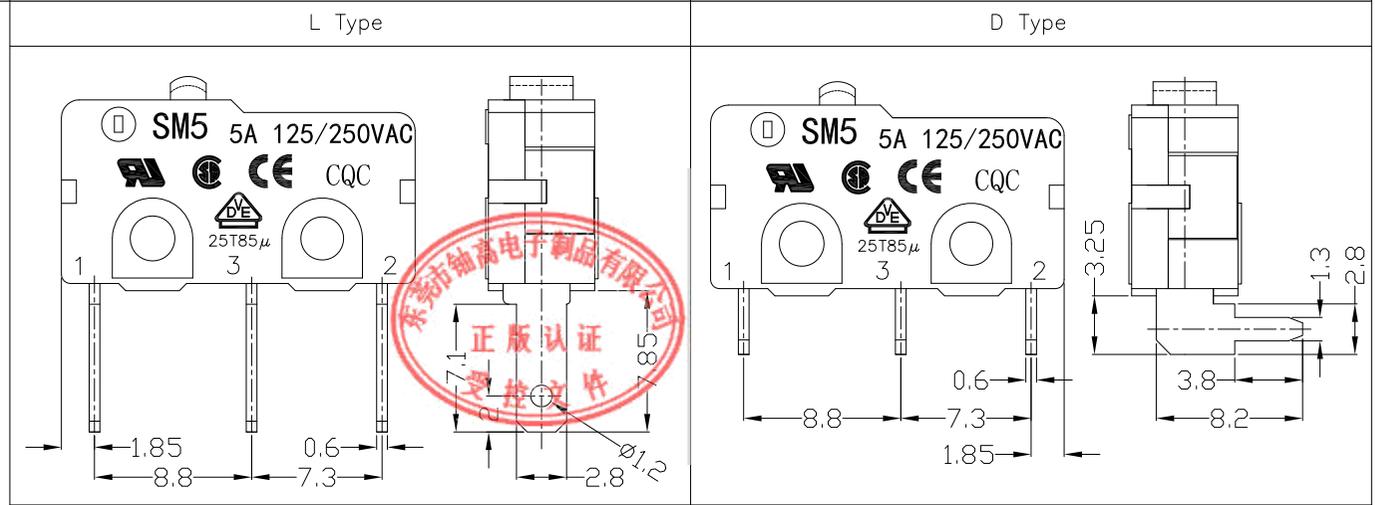
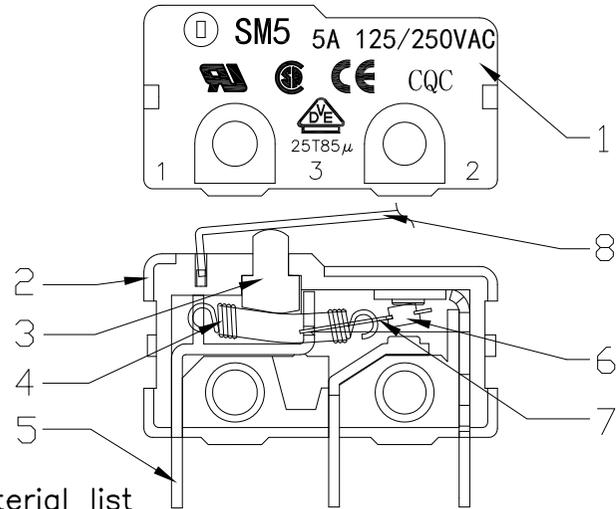
RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

Terminal Type



Structure chart



Material list

8	Lever	SUS301	1	
7	Change Plate	C5210	1	
6	Contact	Silver alloy	3	
5	Terminal	C2680	3	
4	Spring	SUS304	1	
3	Button	PBT	1	
2	Lower Housing	PBT	1	
1	Upper Housing	PBT	1	
NO.	PARTS	MATERIAL	Q'TY	FINISHING

Tolerance: ±0.2

UNITS mm

MAT'L

SEE NOTE

FINISH

SEE NOTE

Q'TY

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东莞市铀高电子制品有限公司			
TITLE:	MICRO SWITCH SM5 SERIES	PART NO.:	SM5-04X-XXS-C51
DR:	Ricky 2017/4/12	DWG NO.:	ATD-04X-XXS-C51
CHKD:	Ricky 2017/4/12	SCALE	1:1
APPD:		SHEET	2/2
		REV.	A
		CUSTOMER DRAWING	