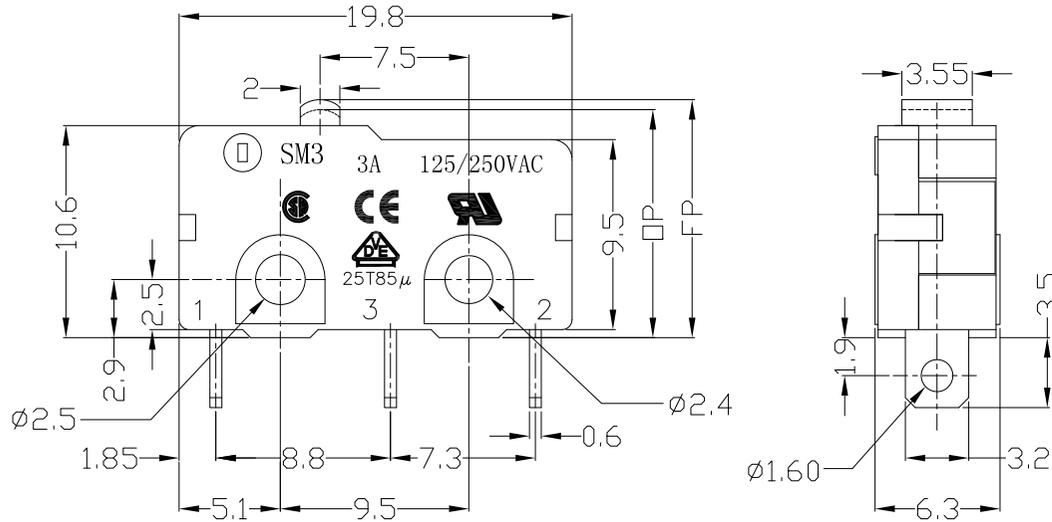




RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

DIMENSIONS

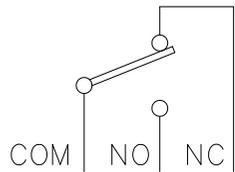


MODEL CODE

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



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	115±30gf 175±45gf 250±50gf
1.5 Bounce Time	
1.6 Free Position	11.9±0.3mm
1.7 Operating Position	11.3±0.35mm
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

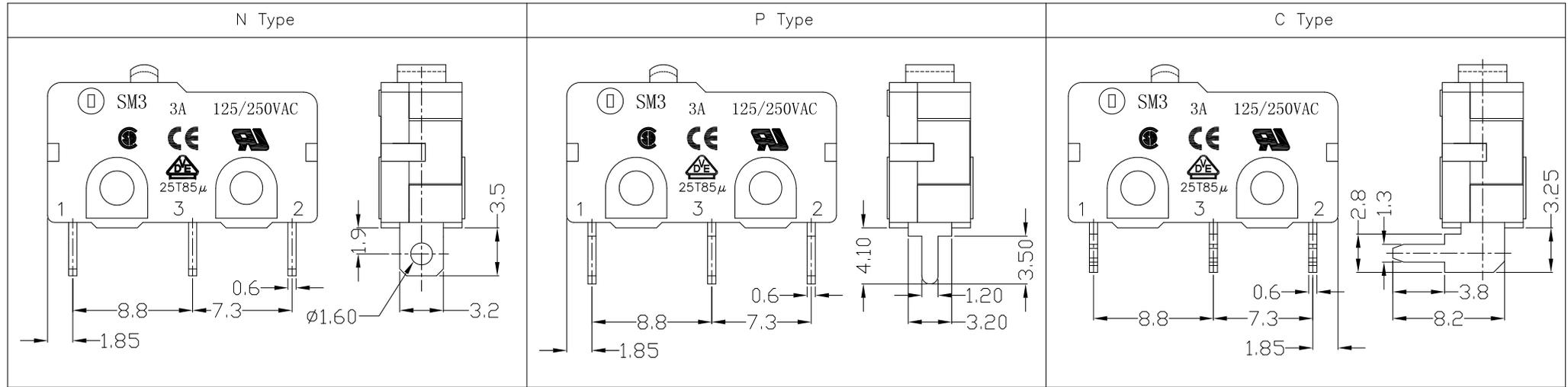
Tolerance: ±0.2	UNITS mm	东莞市铀高电子制品有限公司			
	MAT'L				
	SEE NOTE	TITLE: MICRO SWITCH SM3 SERIES	PART NO.: SM3-00N-XXS-C31		
	FINISH	DR: Ricky 2017/4/10	DWG NO.: ATD-00X-XXS-C31		
	SEE NOTE	CHKD: Ricky 2017/4/10	SCALE	SHEET	REV.
	Q'TY	APPD:	1:1	1/2	A
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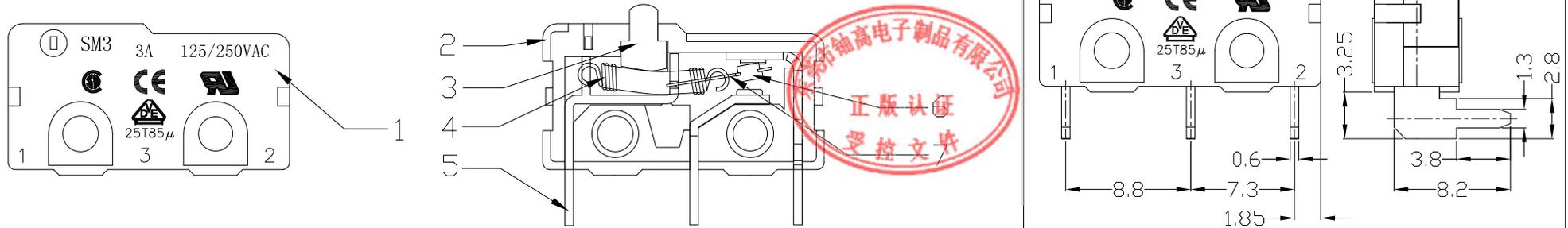
RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	NO.	APPD.

Terminal Type



Structure chart



Material list

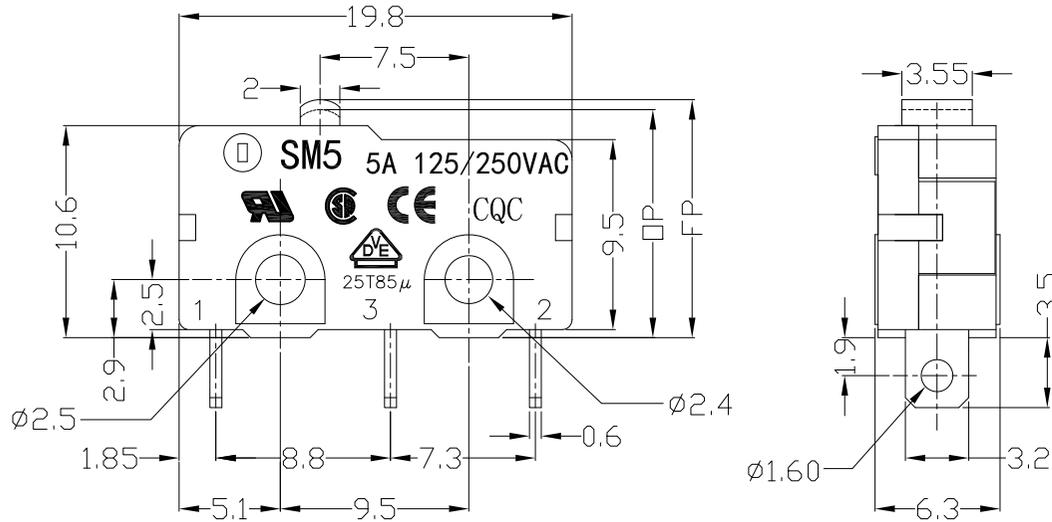
NO.	PARTS	MATERIAL	Q'TY	FINISHING	Tolerance:±0.2	UNITS	东莞市铀高电子制品有限公司				
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7	Change Plate	C5210	1			MAT'L					
6	Contact	Silver alloy	1			SEE NOTE					
5	Terminal	C2680	3			FINISH					
4	Spring	SUS304	1			SEE NOTE					
3	Button	PBT	1			Q'TY	CHKD: Ricky 2017/4/10	APPD:			
2	Lower Housing	PBT	1								
1	Upper Housing	PBT	1								
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REV.	ECN.	NO.	APPD.

DIMENSIONS

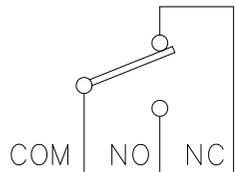


MODEL CODE

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	115±30gf 175±45gf 250±50gf
1.5 Bounce Time	
1.6 Free Position	11.9±0.3mm
1.7 Operating Position	11.3±0.35mm
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

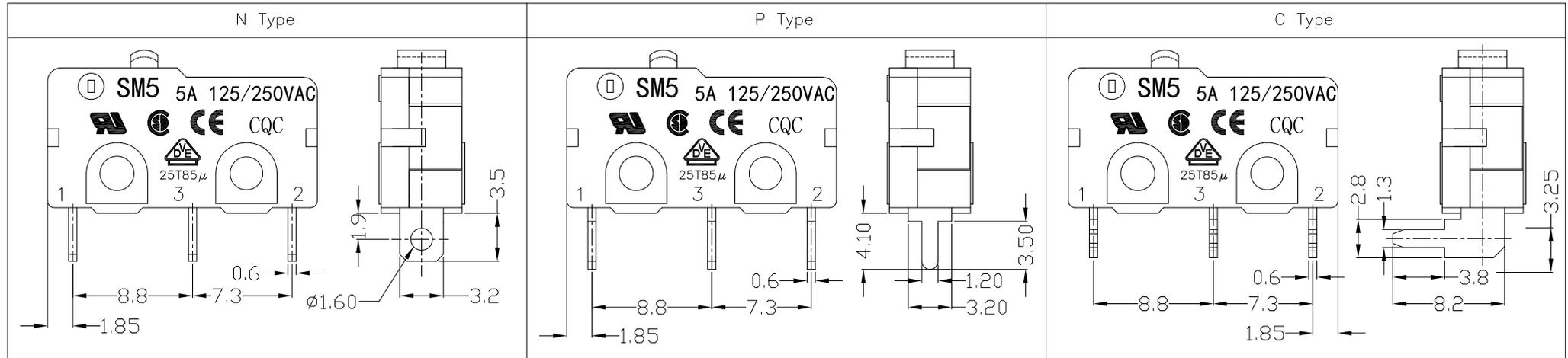
Tolerance: ±0.2		UNITS	东莞市铀高电子制品有限公司			
		mm				
		MAT'L	SEE NOTE		TITLE: MICRO SWITCH SM5 SERIES	
		FINISH	SEE NOTE		PART NO.: SM5-00N-XXS-C51	
		Q'TY	DR: Ricky 2017/4/12		DWG NO.: ATD-00X-XXS-C51	
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					1:1	1/2
					REV.	CUSTOMER DRAWING
					A	



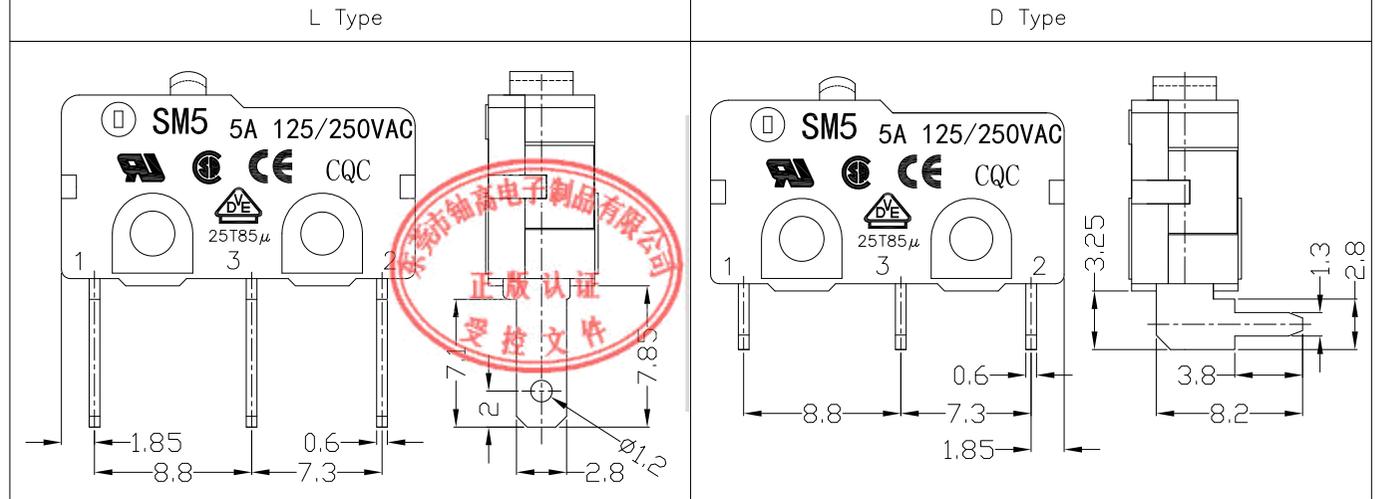
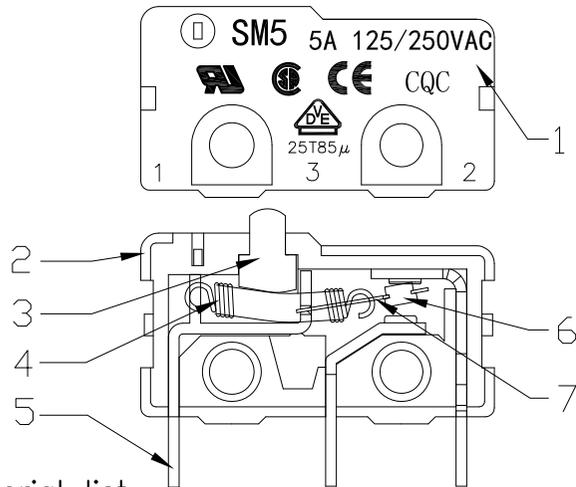
RoHS Compliant
2002/95/EC

REV.	ECN. NO.	NO.	APPD.

Terminal Type



Structure chart



Material list

NO.	PARTS	MATERIAL	Q'TY	FINISHING	Tolerance: ±0.2	UNITS mm	东莞市铀高电子制品有限公司			
8							TITLE: MICRO SWITCH SM5 SERIES		PART NO.: SM5-00X-XXS-C51	
7	Change Plate	C5210	1				DR: Ricky 2017/4/12		DWG NO.: ATD-00X-XXS-C51	
6	Contact	Silver alloy	3				CHKD: Ricky 2017/4/12		SCALE SHEET REV. CUSTOMER 1:1 2/2 A DRAWING	
5	Terminal	C2680	3				APPD:			
4	Spring	SUS304	1							
3	Button	PBT	1							
2	Lower Housing	PBT	1							
1	Upper Housing	PBT	1							

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