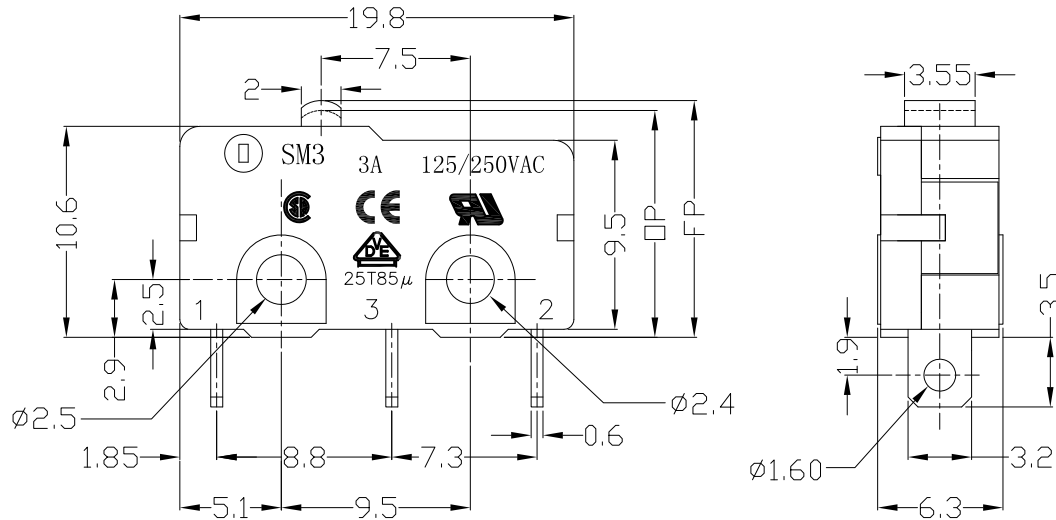




RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

DIMENSIONS

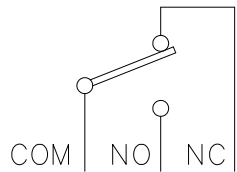


MODEL CODE

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

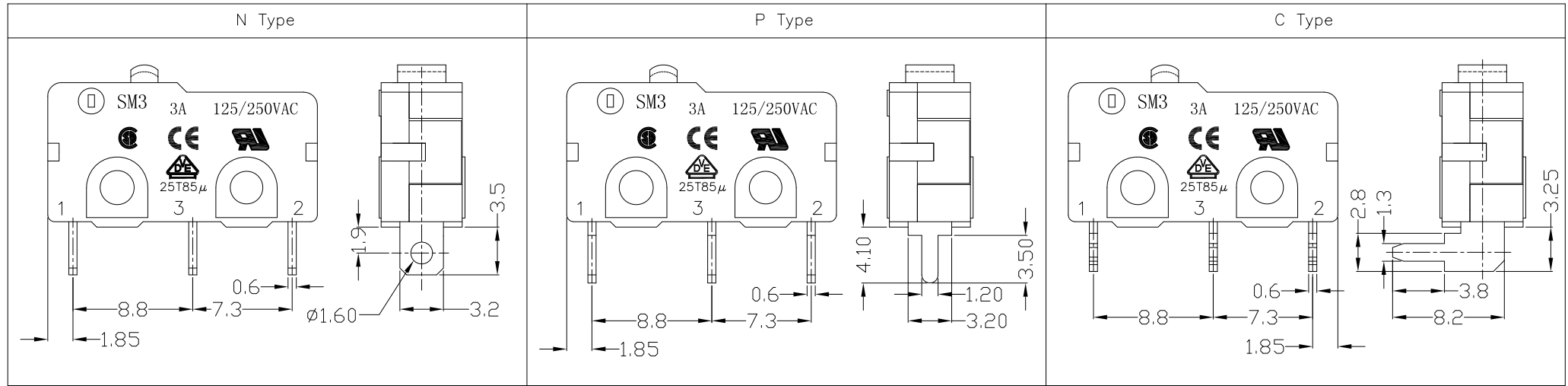
Tolerance:±0.2	UNITS	雅安科技有限公司			
	mm	ACCURATE INNOTECH INC.			
	MAT'L	TITLE:	PART NO.:		
	SEE NOTE	MICRO SWITCH SM3 SERIES	SM3-00N-XXS-C31		
	FINISH	DR: <i>Ricky</i> 2017/4/10	DWG NO.:		
	SEE NOTE	CHKD: <i>Ricky</i> 2017/4/10	ATD-00X-XXS-C31		
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			1:1	1/2	A
			CUSTOMER DRAWING		



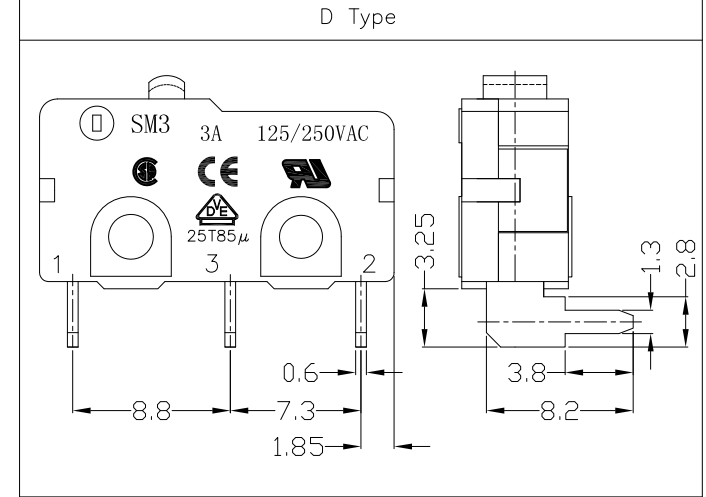
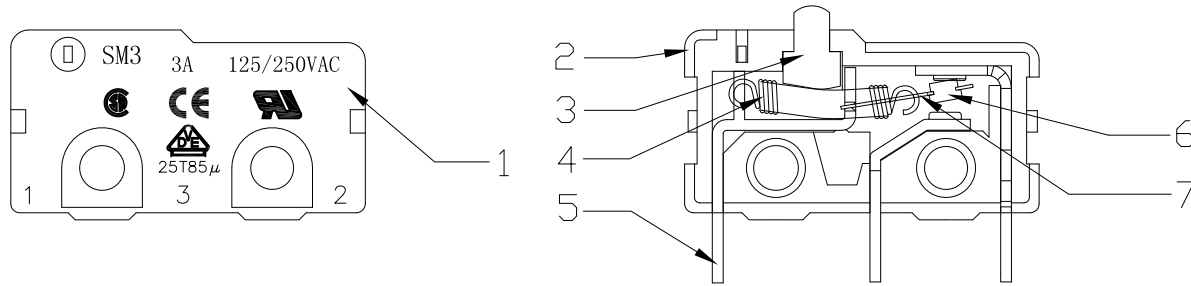
RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	NO.	APPD.

Terminal Type



Structure chart



Material list

NO.	PARTS	MATERIAL	Q'TY	FINISHING	Tolerance:±0.2	UNITS	雅安科技有限公司 ACCURATE INNOTECH INC.			
8						mm	TITLE:		PART NO.:	
7	Change Plate	C5210	1			MAT'L	MICRO SWITCH SM3 SERIES		SM3-00X-XXS-C31	
6	Contact	Silver alloy	1			SEE NOTE	DR: Ricky 2017/4/10		DWG NO.:	
5	Terminal	C2680	3			FINISH	CHKD: Ricky 2017/4/10		ATD-00X-XXS-C31	
4	Spring	SUS304	1			SEE NOTE	APPD:		SCALE SHEET REV. CUSTOMER	
3	Button	PBT	1			Q'TY			1:1 2/2 A DRAWING	
2	Lower Housing	PBT	1							
1	Upper Housing	PBT	1							

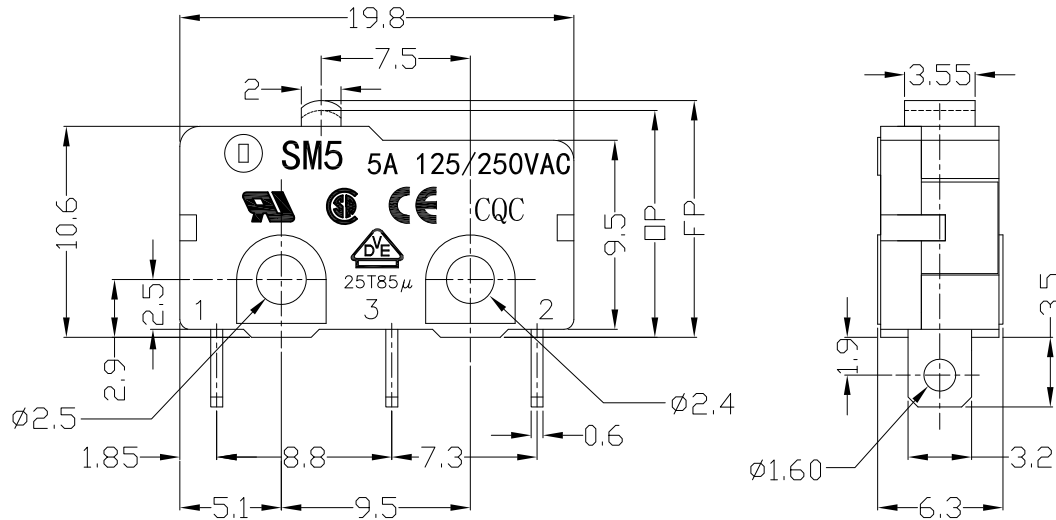
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2002/95/EC

REV.	ECN.	NO.	APPD.

DIMENSIONS

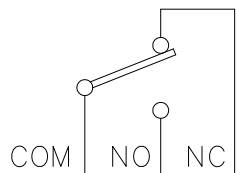


MODEL CODE

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	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

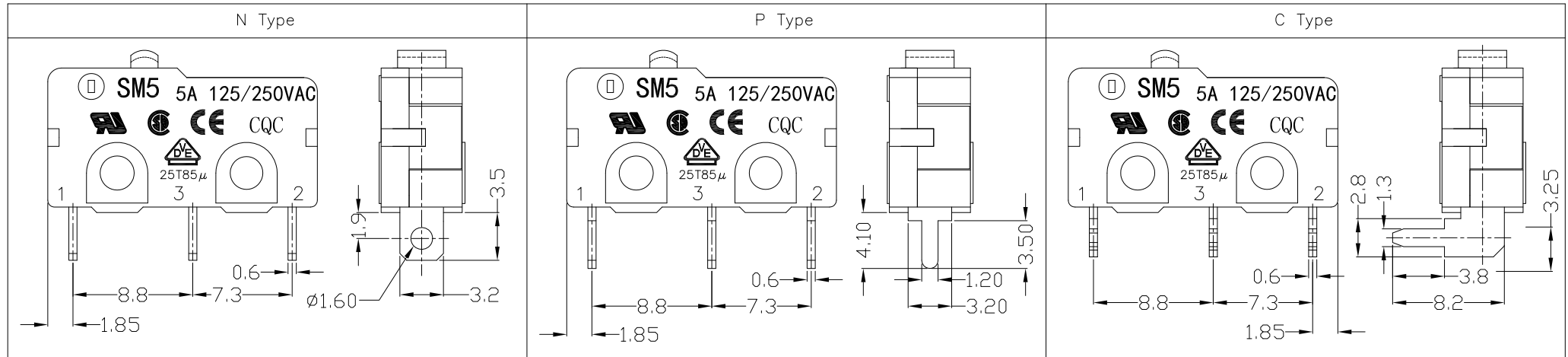
Tolerance:±0.2		UNITS	雅安科技有限公司 ACCURATE INNOTECH INC.			
		mm	TITLE:		PART NO.:	
		MAT'L	MICRO SWITCH SM5 SERIES		SM5-00N-XXS-C51	
		SEE NOTE	DR: <i>Ricky</i> 2017/4/12		DWG NO.:	
		FINISH	CHKD: <i>Ricky</i> 2017/4/12		ATD-00X-XXS-C51	
		SEE NOTE	APPD:		SCALE	SHEET
		Q'TY			1:1	1/2
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					A	



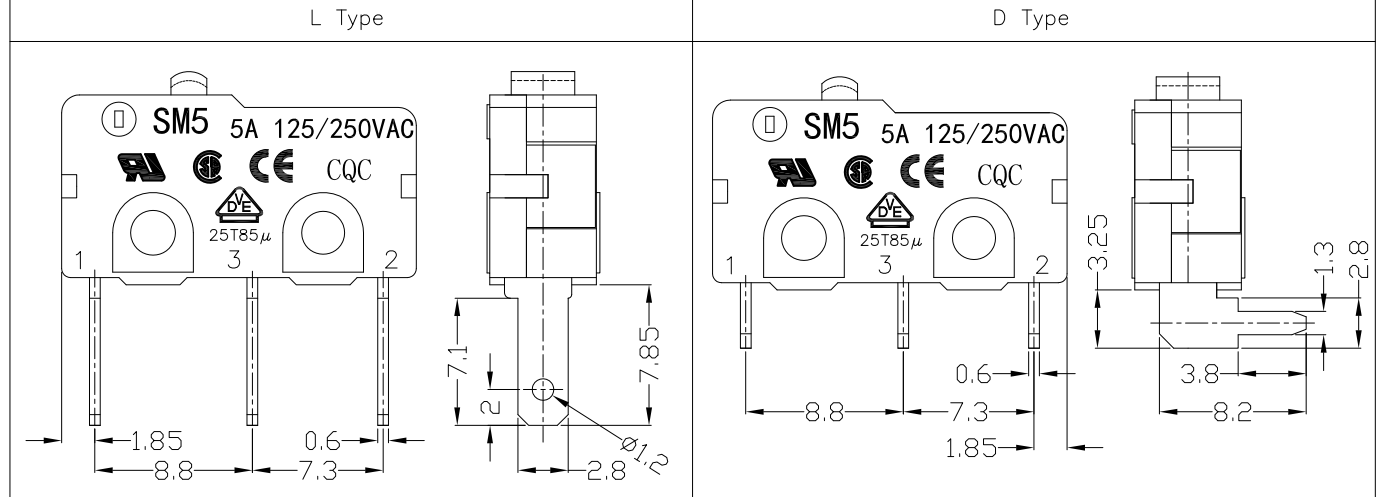
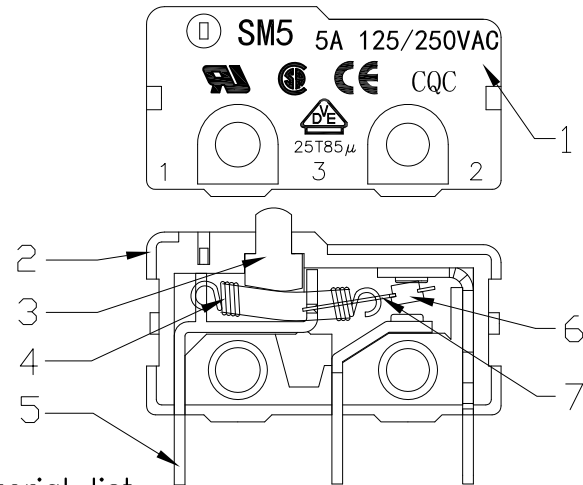
RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	NO.	APPD.

Terminal Type



Structure chart



Material list

NO.	PARTS	MATERIAL	Q'TY	FINISHING	Tolerance:±0.2	UNITS mm	雅安科技有限公司 ACCURATE INNOTECH INC.					
8							TITLE:		PART NO.:			
7	Change Plate	C5210	1				MICRO SWITCH SM5 SERIES		SM5-00X-XXS-C51			
6	Contact	Silver alloy	3				DR: <i>Ricky</i> 2017/4/12		DWG NO.:			
5	Terminal	C2680	3				CHKD: <i>Ricky</i> 2017/4/12		ATD-00X-XXS-C51			
4	Spring	SUS304	1				APPD:		SCALE	SHEET	REV.	CUSTOMER
3	Button	PBT	1						1:1	2/2	A	DRAWING
2	Lower Housing	PBT	1									
1	Upper Housing	PBT	1									

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