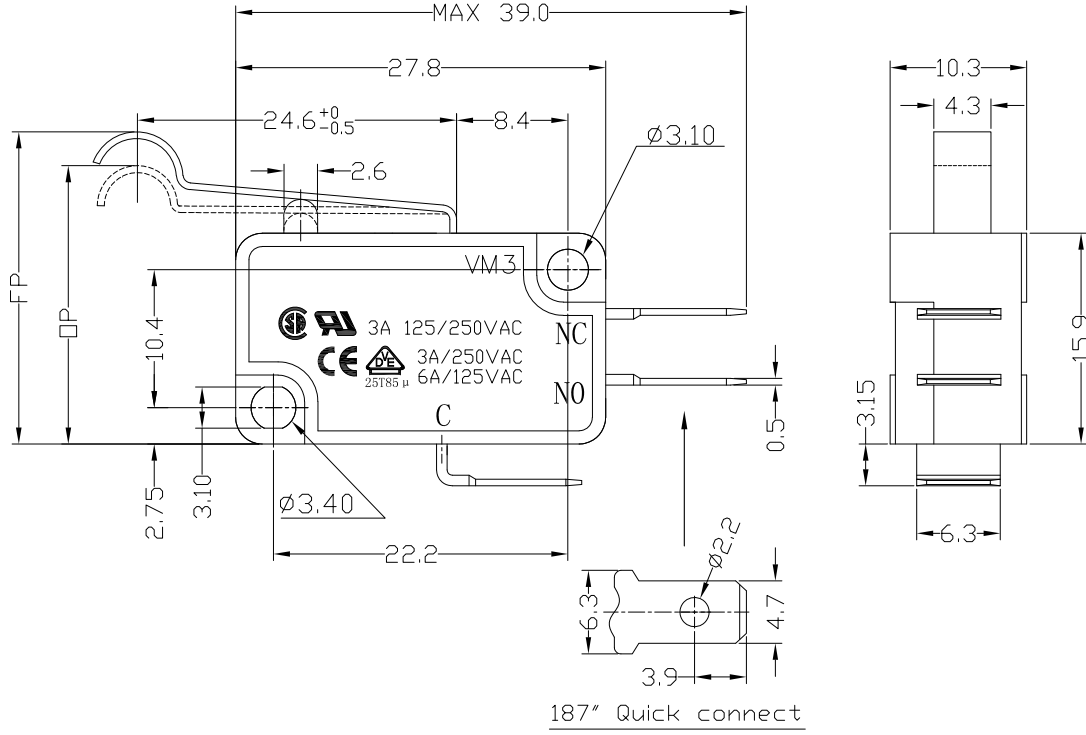




RoHS  
Compliant  
2002/95/EC

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	45±15gf   80±25gf   125±40gf
1.5 Bounce Time	
1.6 Free Position	23.6±1.5mm
1.7 Operating Position	21.8±1.5mm
1.8 Position Travel	
1.9 Return Force	

2.Reliable Rating

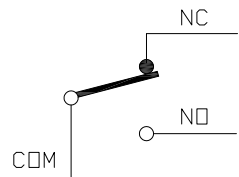
2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	10,000 CYCLES
2.3 Insulation Resistance	≥100MΩ DC500V
2.4 Withstand Voltage	AC1500V 1 minute
2.5 Soldering Technic	Hand Soldering
2.6 Operating Temper	-25°C ~ +85°C
2.7 Ambient Humidity Used	<85%RH

MODEL CODE

VM 3- 04 X-XXS-U56

1 2 3 4 5 6 7

- 1.Series : VM
- 2.Current Rating : 3=3A 125/250VAC
- 3.Actuator : 00=Non-lever 01-99=Lever
- 4.Termination : see chart (N/K)  
(2=SPST-NO / 16=SPST-NC)
- 5.Operating Force : see chart
- 6.Spring Material:S=SUS304
- 7.Contact type: U56=3Amps Contact



CIRCUIT DIAGRAM

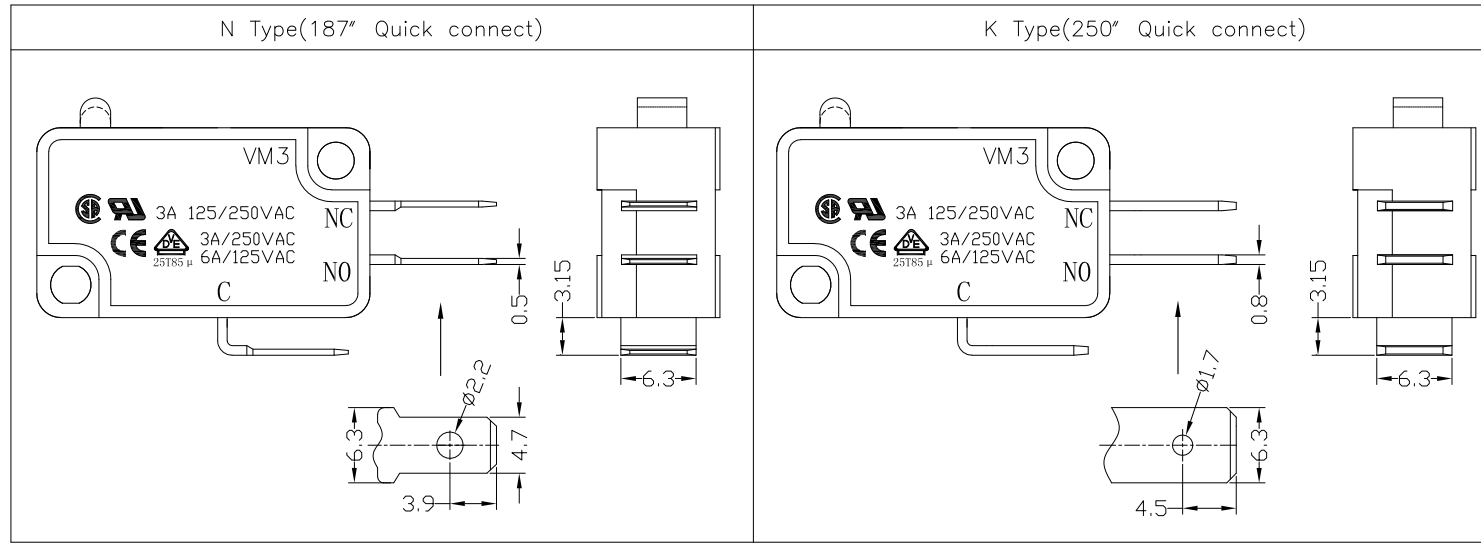
Tolerance:±0.2	UNITS	雅安科技有限公司			
	mm	ACCURATE INNOTECH INC.			
SEE NOTE	MAT'L	TITLE:	PART NO.:		
	SEE NOTE	MICRO SWITCH VM3 SERIES	VM3-04N-XXS-U56		
SEE NOTE	FINISH	DR:	DWG NO.:		
	SEE NOTE	Ricky 2017/5/10	ATD-04X-XXS-U56		
Q'TY	SEE NOTE	CHKD:	SCALE		
		Ricky 2017/5/10	1:1	SHEET	REV.
THESE DRAWINGS AND 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.	APPD:	11		1/2	A
		DRAWING			



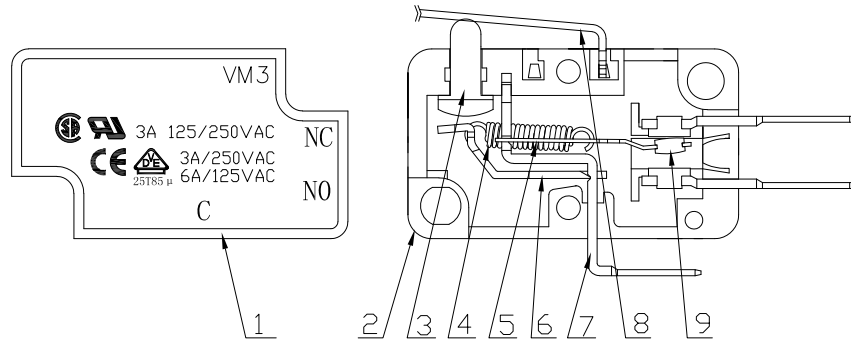
RoHS  
Compliant  
2002/95/EC

REV.	ECN.	NO.	APPD.

### Terminal Type



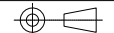
### Structure chart



### Material list

NO.	PARTS	MATERIAL	Q'TY	FINISHING	Tolerance: $\pm 0.2$	UNITS	雅安科技有限公司 ACCURATE INNOTECH INC.			
9	Contact	Silver alloy	3		mm	SEE NOTE	TITLE:	PART NO.:		
8	Lever	SUS301	1				FINISH	MICRO SWITCH VM3 SERIES	VM3-04X-XXS-U56	
7	Terminal	C2680	3		SEE NOTE	Q'TY	DR:	DWG NO.:		
6	Fixed Rod	C2680	1				CHKD:	Ricky 2017/5/10	ATD-04X-XXS-U56	
5	Change Plate	C5210	1		SEE NOTE	APPD:	SCALE	SHEET	REV.	CUSTOMER
4	Spring	SUS304	1				1:1	2/2	A	DRAWING
3	Button	PBT	1	Gray	SEE NOTE	APPD:				
2	Lower Housing	PBT	1	Black						
1	Upper Housing	PBT	1	Black						
NO.	PARTS	MATERIAL	Q'TY	FINISHING						

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.

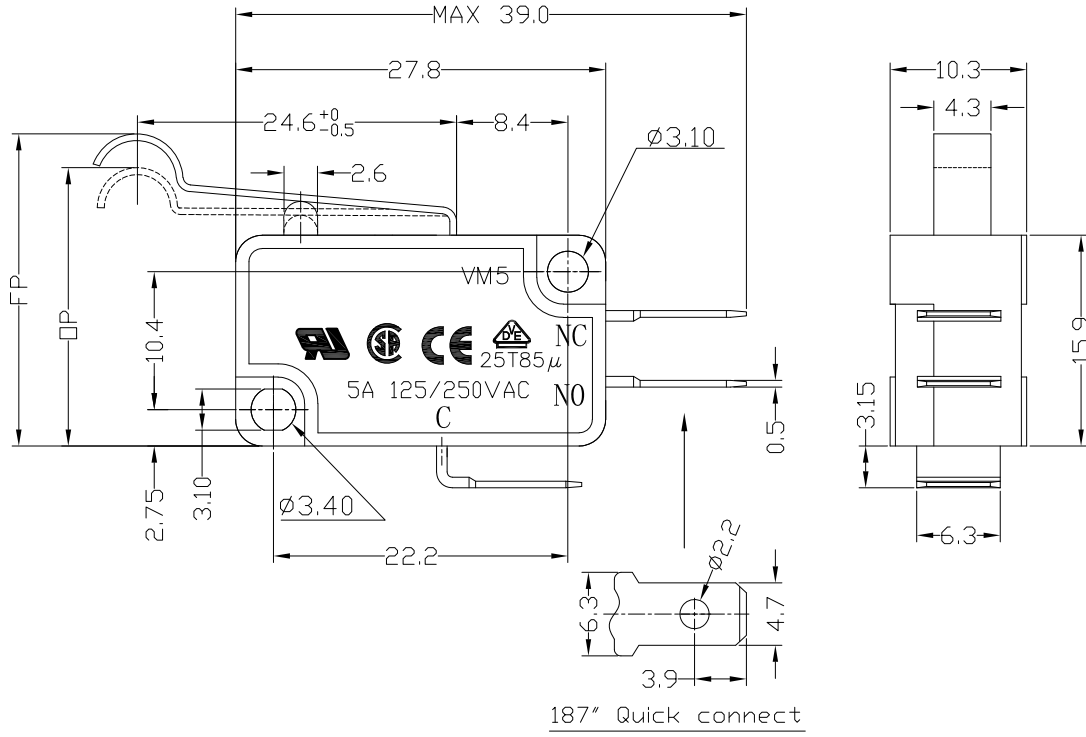




RoHS Compliant  
2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS



1.Functional spec

1.1 Rated Voltage(AC)	125/250VAC
1.2 Rated Current(AC)	5A
1.3 Contact Resistance	≤100mΩ(Initial value)
1.4 Operating Force	45±15gf   80±25gf   125±40gf
1.5 Bounce Time	
1.6 Free Position	23.6±1.5mm
1.7 Operating Position	21.8±1.5mm
1.8 Position Travel	
1.9 Return Force	

2.Reliable Rating

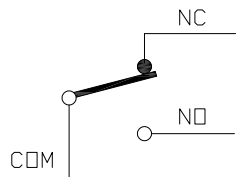
2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	10,000 CYCLES
2.3 Insulation Resistance	≥100MΩ DC500V
2.4 Withstand Voltage	AC1500V 1 minute
2.5 Soldering Technic	Hand Soldering
2.6 Operating Temper	-25°C ~ +85°C
2.7 Ambient Humidity Used	<85%RH

MODEL CODE

VM 5- 04 X-XXS-U10

1 2 3 4 5 6 7

- 1.Series : VM
- 2.Current Rating : 5=5A 125/250VAC
- 3.Actuator : 00=Non-lever 01-99=Lever
- 4.Termination : see chart (N/K)  
(2=SPST-NO / 16=SPST-NC)
- 5.Operating Force : see chart
- 6.Spring Material:S=SUS304
- 7.Contact type: U10=5Amps Contact



CIRCUIT DIAGRAM

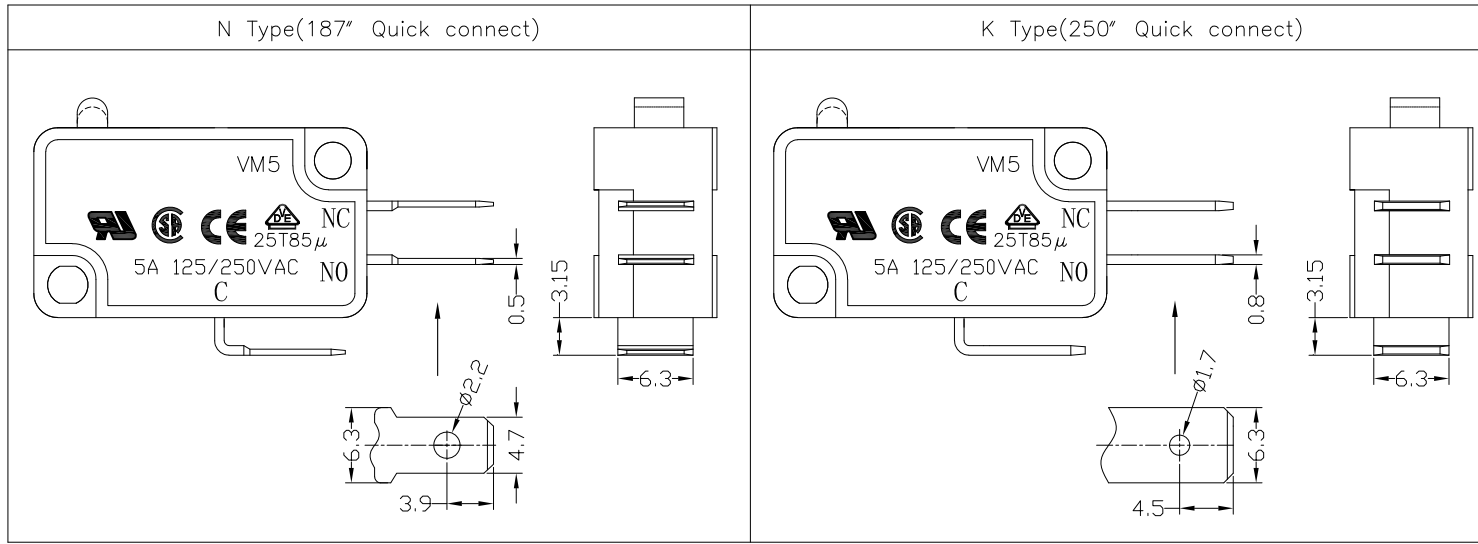
Tolerance:±0.2	UNITS mm	雅安科技有限公司 ACCURATE INNOTECH INC.			
	MAT'L				
	SEE NOTE	MICRO SWITCH VM5 SERIES	VM5-04N-XXS-U10		
	FINISH	DR: Ricky 2017/5/11	DWG NO.:	ATD-04X-XXS-U10	
	SEE NOTE	CHKD: Ricky 2017/5/11	SCALE	SHEET	REV.
	Q'TY	APPD:	1:1	1/2	A
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNOTECH INC.			CUSTOMER DRAWING		



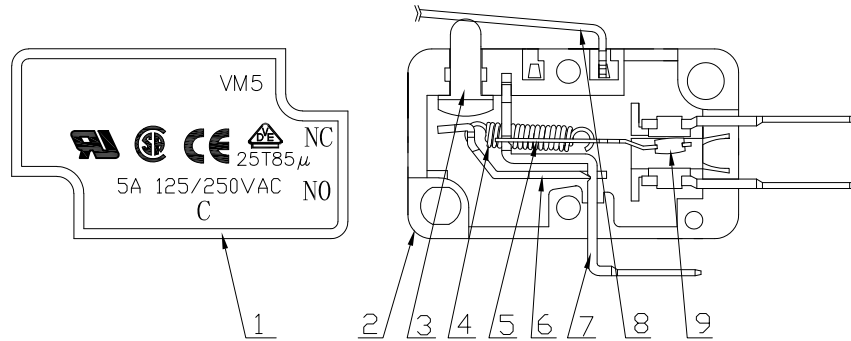
RoHS  
Compliant  
2002/95/EC

REV.	ECN.	NO.	APPD.

### Terminal Type



### Structure chart



### Material list

9	Contact	Silver alloy	3		Tolerance:±0.2	UNITS	mm	雅安科技有限公司 ACCURATE INNOTECH INC.						
8	Lever	SUS301	1			MAT'L	SEE NOTE							
7	Terminal	C2680	3			FINISH	SEE NOTE	TITLE:	PART NO.:					
6	Fixed Rod	C2680	1			Q'TY	SEE NOTE	MICRO SWITCH VM5 SERIES	VM5-04X-XXS-U10					
5	Change Plate	C5210	1		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.			DR:	Ricky 2017/5/11		DWG NO.:			
4	Spring	SUS304	1					CHKD:	Ricky 2017/5/11		ATD-04X-XXS-U10			
3	Button	PBT	1	Gray				APPD:			SCALE	SHEET	REV.	CUSTOMER
2	Lower Housing	PBT	1	Black							1:1	2/2	A	DRAWING
1	Upper Housing	PBT	1	Black										
NO.	PARTS	MATERIAL	Q'TY	FINISHING										