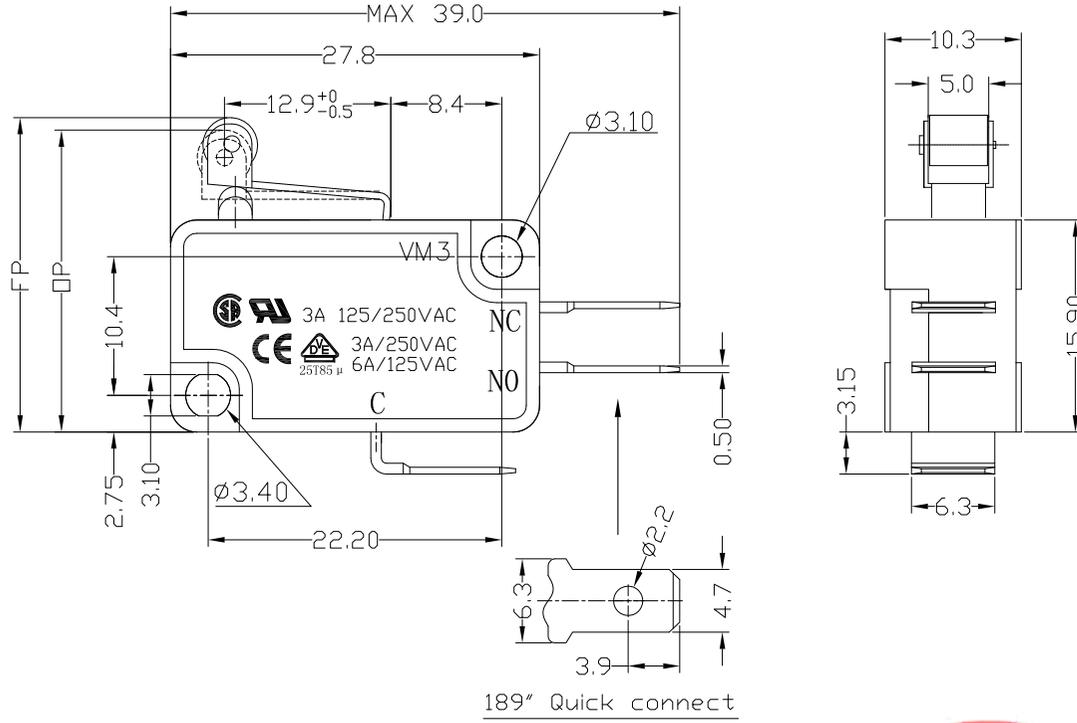




RoHS
Compliant
2002/95/EC

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	110±30gf 160±40gf 250±50gf
1.5 Bounce Time	
1.6 Free Position	24.5±1.0mm
1.7 Operating Position	23.5±1.0mm
1.8 Position Travel	
1.9 Return Force	

2.Reliable Rating

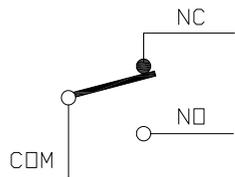
2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	10,000 CYCLES
2.3 Insulation Resistance	≥100MΩ DC500V
2.4 Withstand Voltage	AC1500V 1 minute
2.5 Soldering Technic	Hand Soldering
2.6 Operating Temper	-25°C ~ +85°C
2.7 Ambient Humidity Used	<85%RH

MODEL CODE

VM 3- 05 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	mm						
	MAT'L	SEE NOTE						
FINISH	SEE NOTE		TITLE:		PART NO.:			
	SEE NOTE		MICRO SWITCH VM3 SERIES					
Q'TY	SEE NOTE		DR: <i>Ricky</i> 2017/5/10		DWG NO.:			
	SEE NOTE		CHKD: <i>Ricky</i> 2017/5/10					
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					1:1	1/2	A	DRAWING

东莞市铀高电子制品有限公司

TITLE: MICRO SWITCH VM3 SERIES PART NO.: VM3-05N-XXS-U56

DR: *Ricky* 2017/5/10 DWG NO.: ATD-05X-XXS-U56

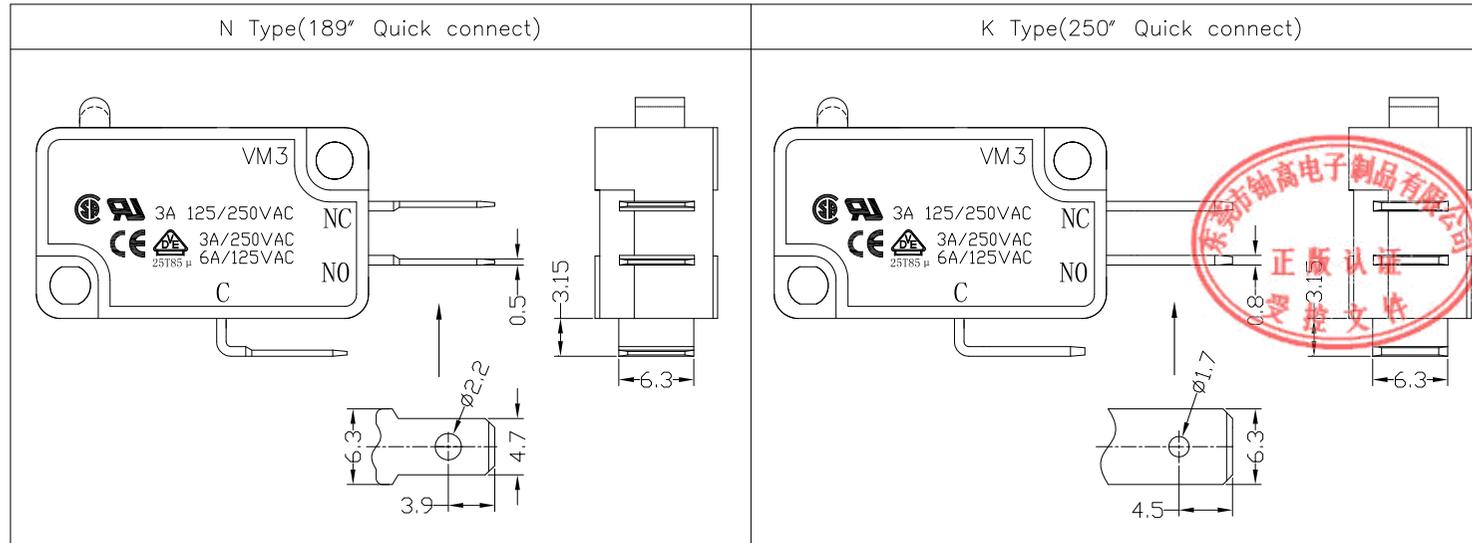
CHKD: *Ricky* 2017/5/10 SCALE: 1:1 SHEET: 1/2 REV.: A CUSTOMER DRAWING



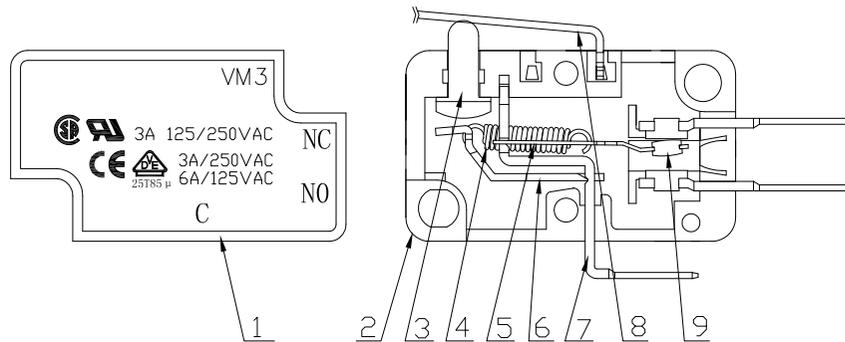
RoHS
Compliant
2002/95/EC

REV.	ECN.	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			
9	Contact	Silver alloy	3		mm	SEE NOTE	TITLE:	PART NO.:		
8	Lever	SUS301	1				DR: <i>Ricky</i> 2017/5/10	VM3-05X-XXS-U56		
7	Terminal	C2680	3		SEE NOTE	FINISH	TITLE:	PART NO.:		
6	Fixed Rod	C2680	1			DR: <i>Ricky</i> 2017/5/10	MICRO SWITCH VM3 SERIES			
5	Change Plate	C5210	1		SEE NOTE	Q'TY	DR: <i>Ricky</i> 2017/5/10	DWG NO.:		
4	Spring	SUS304	1			CHKD: <i>Ricky</i> 2017/5/10	ATD-05X-XXS-U56			
3	Button	PBT	1	Gray	SEE NOTE	APPD:	SCALE	SHEET	REV.	CUSTOMER
2	Lower Housing	PBT	1	Black		1:1	2/2	A	DRAWING	
1	Upper Housing	PBT	1	Black						

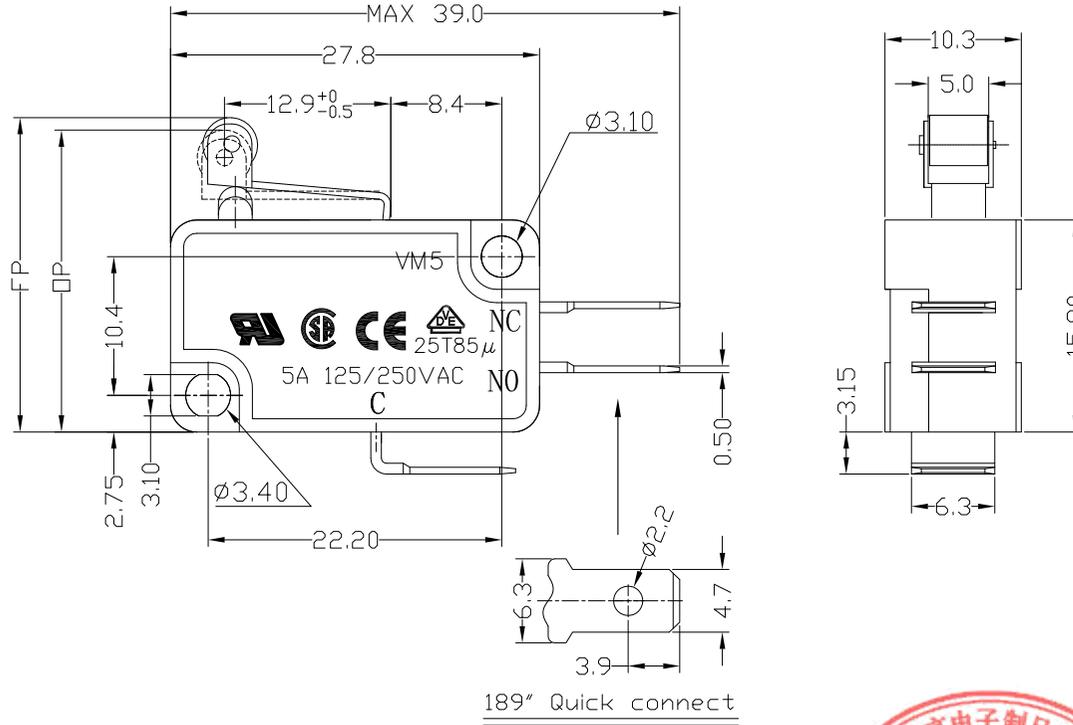
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RoHS
Compliant
2002/95/EC

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	110±30gf 160±40gf 250±50gf
1.5 Bounce Time	
1.6 Free Position	24.5±1.0mm
1.7 Operating Position	23.5±1.0mm
1.8 Position Travel	
1.9 Return Force	

2.Reliable Rating

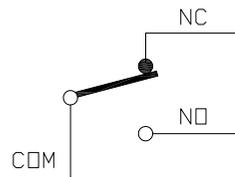
2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	10,000 CYCLES
2.3 Insulation Resistance	≥100MΩ DC500V
2.4 Withstand Voltage	AC1500V 1 minute
2.5 Soldering Technic	Hand Soldering
2.6 Operating Temper	-25°C ~ +85°C
2.7 Ambient Humidity Used	<85%RH

MODEL CODE

VM 5- 05 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	东莞市铀高电子制品有限公司			
		mm				
		MAT'L	TITLE:		PART NO.:	
		SEE NOTE	MICRO SWITCH VM5 SERIES		VM5-05N-XXS-U10	
		FINISH	DR: Ricky 2017/5/11		DWG NO.:	
		SEE NOTE	CHKD: Ricky 2017/5/11		ATD-05X-XXS-U10	
		Q'TY	APPD:		SCALE	SHEET
					1:1	1/2
					REV.	CUSTOMER
					A	DRAWING

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