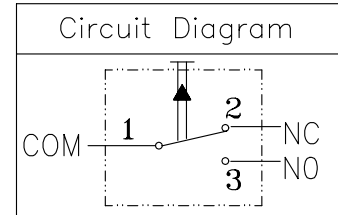


Mechanical Characteristics:	
Item	Criteria
Operating Force	65±20 gf
Releasing Force	15 gf Min.
Pre Travel	4.2 mm Max.
Over Travel	1.0 mm Min.
Movement Differential Travel	1.0 mm Max.
Operating Position	9.4±1.0 mm
Free Position	12.5 mm Max.

Electrical Characteristics:	
Ratings:	Operating Life :
10(2)A 125/250VAC(ENEC, CQC)	10,000 cycles with load
10.1A 125/250VAC(UL-cUL)	6,000 cycles with load
Insulation Resistance: ≥100MΩ Min.	
Dielectric: 1000VAC(50~60HZ) – between non-connected terminals	
1500VAC(50~60HZ) – between terminals and ground	
– between terminals and non-live-metal parts	

Other Spec. :	
Operating Temperature Range:	-40℃~+125℃

Material List	
Switch Base	Thermoplastics UL94 V-0
Switch Cover	Thermoplastics UL94 V-0
Terminals	Copper Alloy, Silver plated
Actuator	Thermoplastics UL94 V-0
Contacts	Silver Alloy
Aux Actuator (Lever)	Stainless Steel



**MASS PRODUCTION RELEASE**

Project Ref:	Miniature Microswitch	Tolerance Unless Otherwise Specified					
Part No:	MQS-14ABF402-S01	~3	>3~10	>10~30	>30~80	>80~180	Angle
Drawing No:	— — —	±0.20	±0.30	±0.40	±0.60	±0.80	±3°
Drafted by:	Leoliao	Eng Ver	A2	Unit: mm	Size: A4	Scale:	
Checked by:	Johnnyjiang	Date:	2011-6-17	THIRD ANGLE			
Approved by:	Ray xu	Date:	2011-6-17	 Switches & Control Solutions			