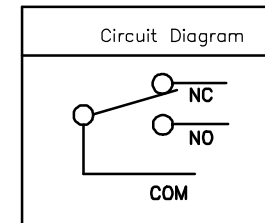


Mechanical Characteristics:	
Item	Criteria
Operating Force	40± 15gf
Releasing Force	15gf Min.
Operating Position	15.3± 1.0mm
Movement Differential Travel	0.8mm Max.
Pre Travel	1.8 mm Max.
Over Travel	1.2 mm Min.

Electrical Characteristics:	
Ratings	Operating Life
16A 125/250VAC;1/2HP 125VAC;3/4HP 250VAC	6,000 cycles with load (UL, cUL)
0.4A 125VDC;0.2A 250VDC;10.1A 125VL 10.1A 277VAC	6,000 cycles with load (UL, cUL)
16(4) A 125/250VAC	50,000 cycles with load (ENEC, CQC)
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 Life Without Load:	1,000,000 cycles.
Operating Temperature Range:	-40℃~+125℃

Material List:	
Aux Actuator(Lever)	Stainless Steel
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



MASS PRODUCTION RELEASE

Project Ref:	MQS-2 SERIES MICROSWITCH	Tolerance Unless Otherwise Specified							
Part No:	MQS-216TA56PAK-01	~3	>3~10	>10~30	>30~80	>80~180	Angle		
Drawing No:	- - -	Eng Ver	A2	±0.20	±0.30	±0.40	±0.60	±0.80	±3°
Drafted by:	Neilcai	Date:	2010-12-6	Unit: mm	Size: A4	Scale:			
Checked by:	Johnnyjiang	Date:	2010-12-6	THIRD ANGLE	 TONELUCK Switches & Control Solutions				
Approved by:	Ray xu	Date:	2010-12-6						