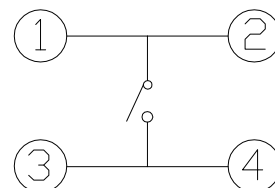
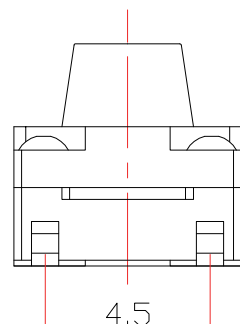
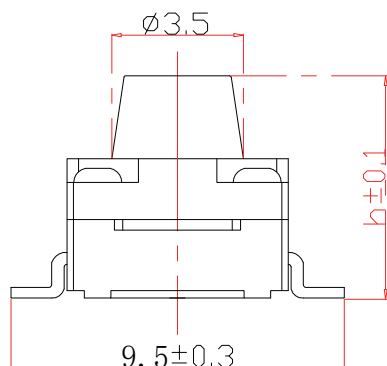


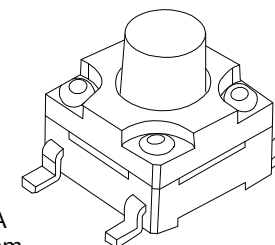
Kinghelm®



Circuit Diagram

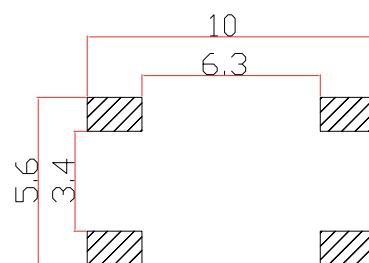
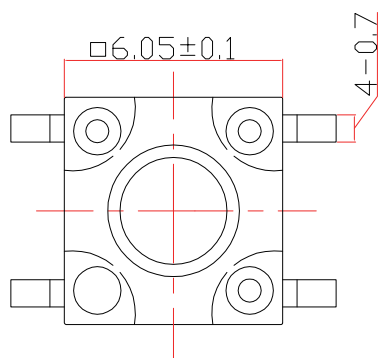
Height	
4.3	5.0
5.5	6.0
6.5	7.0
7.5	8

Dimension Range	Unspecified Tolerance Values
0~3	±0.10
3~6	±0.15
6~9	±0.20
9~12	±0.25
12~15	±0.35

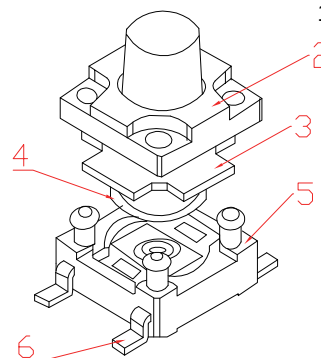


Technical Specifications:

1. Rated Load: DC 12V, 50mA
2. Travel Distance: $0.3 \pm 0.1\text{mm}$
3. Operating Force: $260 \pm 50\text{gf}$
4. Contact Resistance: $\leq 50\text{m}\Omega$
5. Insulation Resistance: $\geq 100\text{M}\Omega$
6. Withstand Voltage: AC 250V (50Hz/60Hz, 1 min)
7. Durability: $\geq 100,000$ cycles
8. Salt Spray Resistance: ≥ 48 hours
9. Waterproof Rating: IP67
10. Silver Migration Resistance: 60V, 85°C, 90% RH/60 H



P.C.B. MOUNTING PLAN



6	Insert / Contact	Brass H65 0.3	White	Silver Plated
5	Base	PPA	Black	
4	Spring Plate	Stainless Steel SUS301	White	Single-Sided Silver Plating
3	Waterproof Gasket	Silicone 1158	Black	
2	Cover Plate	PPA	Black	_____
1	Button	PPA	Black	_____
NO.	DESCRIPTION	MATERIAL	COLOR	REMARK
Shenzhen Kinghelm Electronics Co., Ltd.			www.kinghelm.net	
KH-6X6X7H-SMT-FS-D			0755-28190160	
CUSTOMER COPY	Name		Internal Diagram of Waterproof Tact Switch Series	
	TITLE:			

								DESIGN			2014-9-25	TYPE NO:		(6x6 SMD Waterproof Type)			
								CHECH			2014-9-25	MATERIAL					
	PA	01/02/08						CHECK			2014-9-25	Drawing Number	A				
												DRAWING:	Status	Code			
ECN (DCN) NO	REV	DATE	DESCRIPTION	CHANGE	APPRO	GENERAL TOLERANCE UNLESS OTHERWISE NOTE0		APPRO			2014-9-25	SCALE	5:1	UNRT	mm	A4	