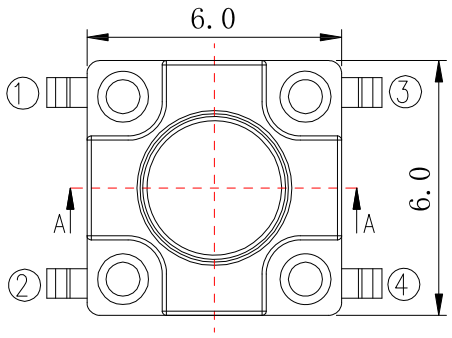
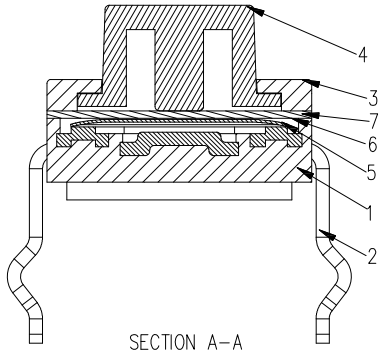
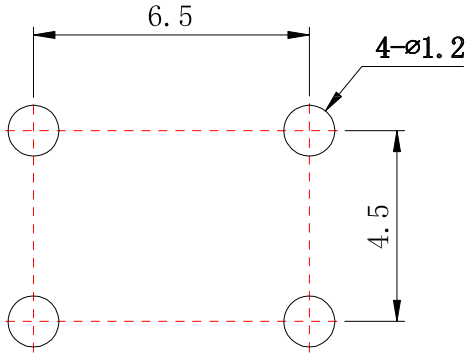


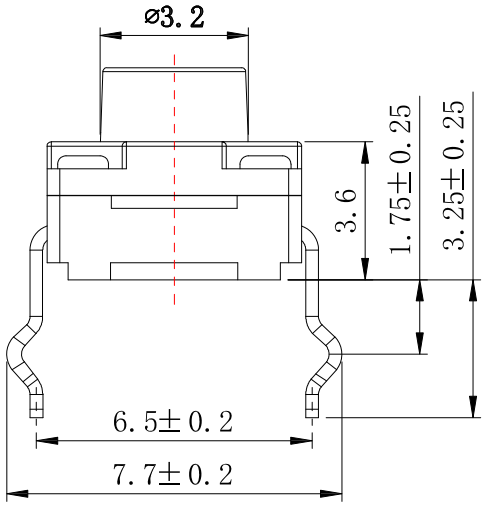


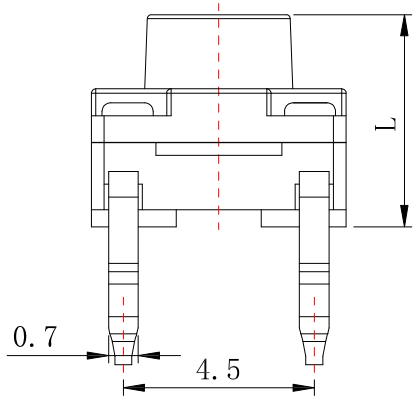
SECTION A–A

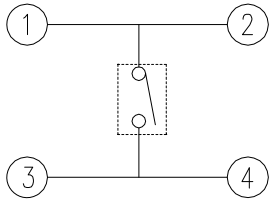


RoHS Compliant

P.C.B LAYOUT
MOUNTING PATTERN







CIRCUIT DIAGRAM

KNOB HEIGH

Model	L(mm)
TS-A20W	4.3
TS-A20WA	5.0
TS-A20WQ	6.0
TS-A20WQL	6.5
TS-A20WB	7.0
TS-A20WC	8.0
TS-A20WCL	8.5
TS-A20WDS	9.0
TS-A20WD	9.5

NO	PARTS NAME	MATERIAL	Q'TY	FINISH
1	HOUSING	PPA(Black)	1	
2	CONTACT	BRASS	1	Ag PLATE
3	COVER	PA66(Black)	1	
4	BUTTON	PA66(Black)	1	
5	SPRING	STAINLESS	1	Ag PLATE
6	WATERPROOF1	PE	1	
7	WATERPROOF2	SILICONE RUBBER(White)	1	

SPECIFICATIONS

Rating	DC 12V 50mA Max.			
Contact Resistance	50mΩ Max.			
Travel	0.30 ± 0.10 mm			
Operating Force	2	180 ± 50gf	3	230 ± 50gf
Operating Life (cycles)	100,000			
Waterproof Level	IP67			

ITEM NO.	DESCRIPTION	DRAWN	DATE
1	新增選項	Jack	080619

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED : Up to 5 ±0.2; Above 5 ~ 15 ±0.3; Above 15 ~ 30 ±0.4; Above 30 ~ 50 ±0.5; Angle ±0.3°

3RD. ANGEL'S | UNITS MM

		DATE
DRAWN BY:	Jack Lu	08/06/19
CHECKED BY:	Jacky Chen	08/06/19
APPROVED BY:	Tony Kao	08/06/19

MAT'L		TITLE	SWITCH
FINISH		MODLE	防水型 TACT SWITCH DIP TYPE
SCALE	1 : 1	DWG NO.	TS-A20Wx-x-S360 SIZE A4
SHEET NO.	1 of 1	PART NO.	TS-A20Wx-x-S360 VER R1