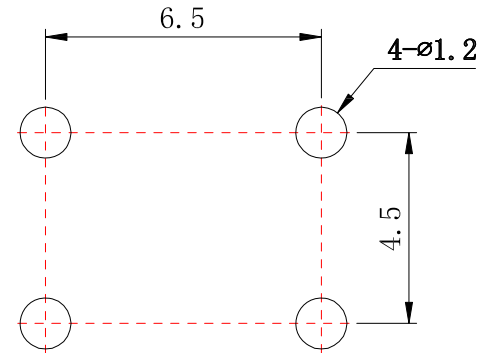
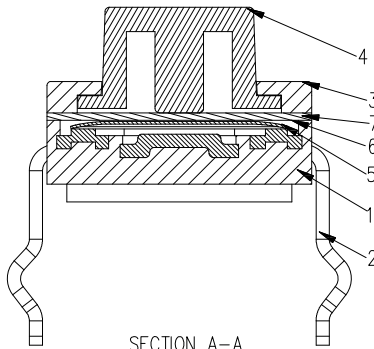
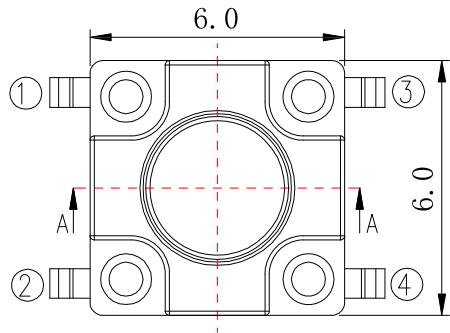
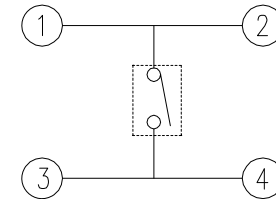
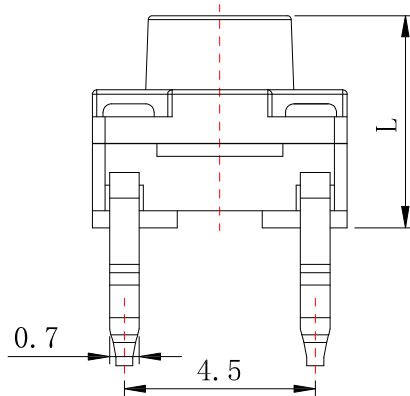
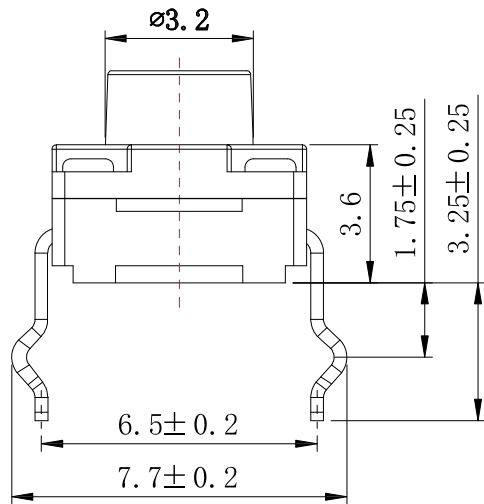




P.C.B LAYOUT  
MOUNTING PATTERN



CIRCUIT DIAGRAM

Knob Height

| 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   |

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             |              |  |

| 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    |          |



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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

DRAWN BY: Jack Lu  
CHECKED BY: Jacky Chen  
APPROVED BY: Tony Kao

DATE: 08/06/19  
DATE: 08/06/19  
DATE: 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          |
| SHEET NO. | 1 of 1 | PART NO. | TS-A20Wx-x-S360          |

SIZE  
A4  
VER  
R1