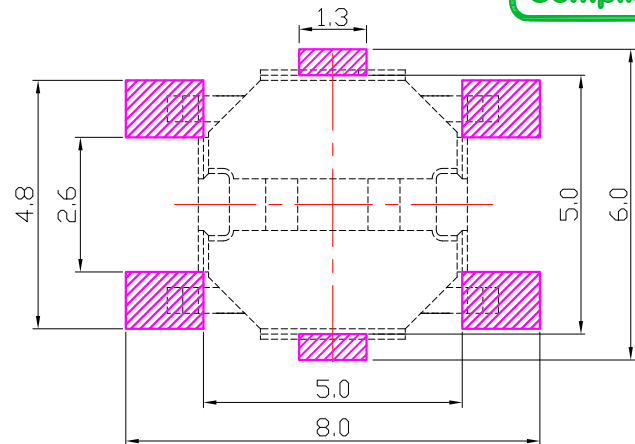
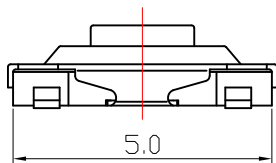
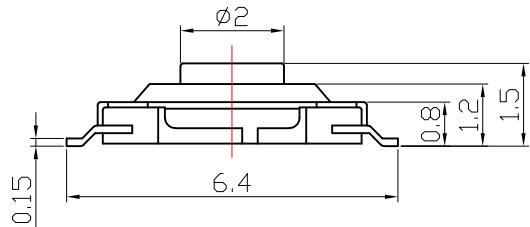
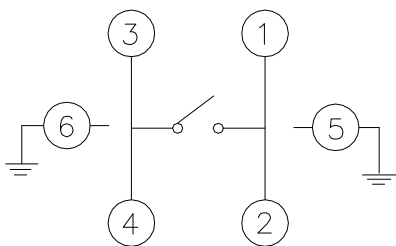
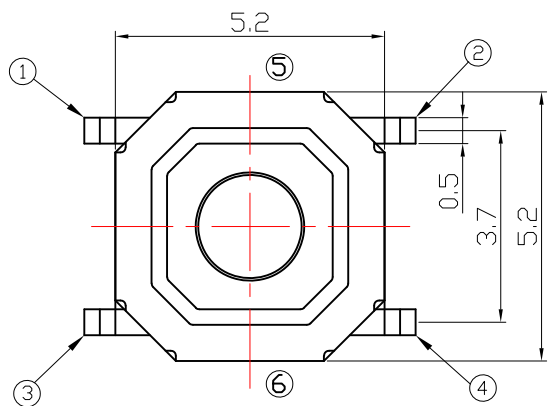
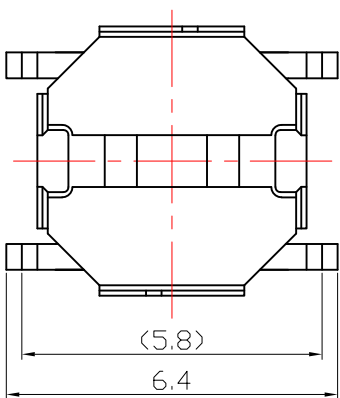




P.C.B MOUNTING HOLE DIMENSIONS



CIRCUIT DIAGRAM



SPECIFICATIONS

|                        |                  |             |   |             |
|------------------------|------------------|-------------|---|-------------|
| Rating                 | DC 12V 50mA Max. |             |   |             |
| Circuit                | 1P - 1C          |             |   |             |
| Contact Resistance     | 100mΩ Max.       |             |   |             |
| Travel                 | 0.2 ± 0.1mm      |             |   |             |
| Operating Force        | 0                | 100 ± 30 gf | 1 | 130 ± 30 gf |
|                        | 2                | 160 ± 50 gf | 3 | 250 ± 50 gf |
| Operating Life(cycles) | 100,000 cycles   |             |   |             |

|     |             |     |                 |           |
|-----|-------------|-----|-----------------|-----------|
| F   | DUST COVER  | 1   | PI FILM         |           |
| E   | TERMINAL    | 4   | PHOSPHOR BRONZE | Ag plated |
| D   | CONTACT     | 1   | SUS             | Ag plated |
| C   | COVER       | 1   | SUS             |           |
| B   | CASE        | 1   | LCP             |           |
| A   | STEM        | 1   | BRASS           |           |
| NO. | DESCRIPTION | QTY | MATERIAL        | PLATING   |

|          |                   |       |        |
|----------|-------------------|-------|--------|
| 4        | 更新Travel          | Jack  | 070325 |
| 3        | 新增材質表             | Jack  | 080620 |
| 2        | 更新CIRCUIT DIAGRAM | Jack  | 090613 |
| 1        | 新增OF的選項           | Jack  | 070213 |
| ITEM NO. | DESCRIPTION       | DRAWN | DATE   |

**CONTACT**

建倚科技股份有限公司  
CONTACT TECHNOLOGY CORP.

|                                     |                                                                                             |              |  |       |    |
|-------------------------------------|---------------------------------------------------------------------------------------------|--------------|--|-------|----|
| TOLERANCE UNLESS OTHERWISE STATED : | Up to 5 ±0.2<br>Above 5 ~ 15 ±0.3<br>Above 15 ~ 30 ±0.4<br>Above 30 ~ 50 ±0.5<br>Angle ±0.3 | 3RD. ANGEL'S |  | UNITS | MM |
|-------------------------------------|---------------------------------------------------------------------------------------------|--------------|--|-------|----|

|              |          |           |                |        |
|--------------|----------|-----------|----------------|--------|
| DRAWN BY:    | DATE     | MAT'L     | TITLE          | SWITCH |
| Jack Lu      | 07/03/25 | FINISH    | MODLE          |        |
| CHECKED BY:  | DATE     | SCALE     | DWG NO.        |        |
| Jacky Chen   | 07/03/25 | 1 : 1     | TS-A87G-x-S126 |        |
| APPROVED BY: | DATE     | SHEET NO. | PART NO.       | SIZE   |
| Tony Kao     | 07/03/25 | 1 of 1    | TS-A87G-x-S126 | A4     |
|              |          |           |                | VER    |
|              |          |           |                | R4     |