



RoHS  
Compliant  
2002/95/EC

| REV. | ECN. | NO. | APPD. |
|------|------|-----|-------|
|      |      |     |       |
|      |      |     |       |
|      |      |     |       |

## DIMENSIONS

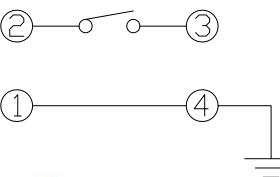
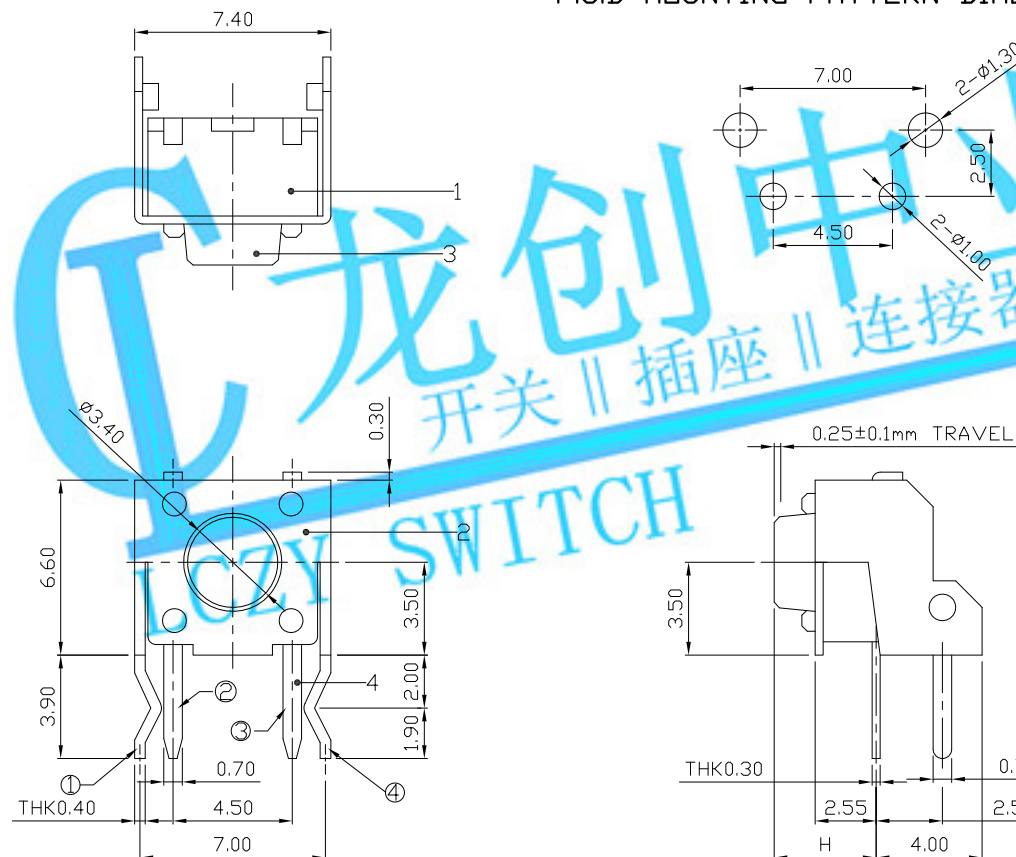
### P.C.B MOUNTING PATTERN DIMENSION

### CIRCUIT DIAGRAM

### MODEL CODE

AT-1102MN-

|   |       |
|---|-------|
|   | H     |
| - | 3.15  |
| A | 3.85  |
| B | 5.85  |
| D | 8.35  |
| C | 6.85  |
| F | 11.35 |
| E | 6.15  |



### ELECTRO-MECHANICAL CHARACTERISTICS

Refer to additional specifications

|                        |                      |           |
|------------------------|----------------------|-----------|
| Rating                 | DC 12V 50mA          |           |
| Contact Resistance     | 100mΩ Max.           |           |
| Travel                 | 0.25±0.1mm           |           |
| Operating Force        | 100/130/160/190±50gf | 250±100gf |
| Operating Life(cycles) | 100,000              |           |

|     |          |             |      |            |                                                                                                                                                                                                   |             |                                    |  |                               |  |                               |  |            |  |        |  |                  |  |
|-----|----------|-------------|------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------|--|-------------------------------|--|-------------------------------|--|------------|--|--------|--|------------------|--|
| 5   | CONTACT  | PBS         | 1    | Ag CLAD    | WITHIN 1.5mm:±0.1mm                                                                                                                                                                               | UNITS<br>mm | LONGCHUANG ZHONGYE (HK)CO.,LIMITED |  |                               |  |                               |  |            |  |        |  |                  |  |
| 4   | TERMINAL | BRASS STRIP | 2    | Ag COATING | OVER 1.5mm:±0.2mm                                                                                                                                                                                 | MAT'L       | SEE NOTE                           |  | TITLE:<br>TACT SWITCH         |  | PART NO.:<br>AT-1102MN SERIES |  |            |  |        |  |                  |  |
| 3   | KNOB     | NYLON + F.G | 1    | BLACK      |                                                                                                                                                                                                   |             |                                    |  |                               |  |                               |  |            |  |        |  |                  |  |
| 2   | COVER    | STEEL STRIP | 1    | Ni COATING |                                                                                                                                                                                                   | FINISH      | SEE NOTE                           |  | DR: <i>Ricky</i> 2017/08/03   |  | DWG NO.:<br>AZJ-1102MN        |  |            |  |        |  |                  |  |
| 1   | CASE     | NYLON + F.G | 1    | BLACK      |                                                                                                                                                                                                   |             |                                    |  |                               |  |                               |  |            |  |        |  |                  |  |
| NO. | PARTS    | MATERIAL    | Q'TY | FINISHING  | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNOTECH INC. | Q'TY        |                                    |  | CHKD: <i>Ricky</i> 2017/08/03 |  | SCALE: 4:1                    |  | SHEET: 1/1 |  | REV: A |  | CUSTOMER DRAWING |  |
|     |          |             |      |            |                                                                                                                                                                                                   |             |                                    |  |                               |  |                               |  |            |  |        |  |                  |  |