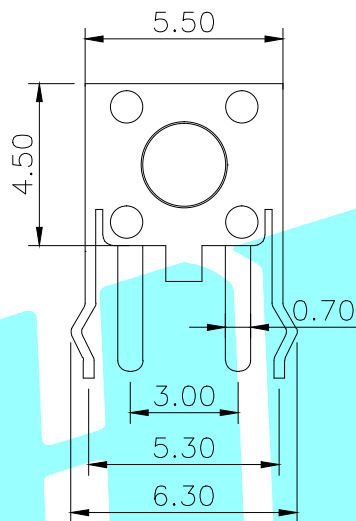


PCB Layout(Pattern side)



Circuit Diagram

HRO 韓線

| NO.1    |     |
|---------|-----|
| PART NO | H   |
| A       | 3.8 |
| B       | 4.3 |
| H       | 4.5 |
| C       | 4.8 |
| D       | 5.0 |
| J       | 5.5 |
| E       | 6.0 |
| K       | 6.5 |
| F       | 7.0 |
| L       | 7.5 |
| G       | 8.0 |

| NO.2-NO.3 |               |
|-----------|---------------|
| PART NO   | NOTE          |
| 01~99     | SERIAL NUMBER |

Typical Specifications

- 1.Rating : DC 12V 50mA
- 2.Contact Resistance:  $\leq 50m\Omega$
- 3.Insulation Resistance:  $\geq 100m\Omega$
- 4.Operating Force:  $250\pm 40gf$
- 5.Travel: $0.25\pm 0.1mm$
- 6.Life : 100,000 Cycles

| ⑤    | Cover     | —       | 1    | SPCC        | Tin Plated     | —      |
|------|-----------|---------|------|-------------|----------------|--------|
| ④    | Keystoke  | —       | 1    | PPA         | Black          | —      |
| ③    | Contact   | —       | 1    | F.Ag/SUS    | Plating silver | —      |
| ②    | Base      | —       | 1    | PPA         | Black          | —      |
| ①    | Terminal  | —       | 2    | Brass(0.3t) | Plating silver | —      |
| ITEM | PART NAME | TER'NO. | QTY. | MATERIAL    | FINISHING      | REMARK |

| APPROVALS      |        | DATE      | <br>ELECTRONICS CO.,LTD |                   |            |              |
|----------------|--------|-----------|-------------------------|-------------------|------------|--------------|
| DRAWN          | LIUCAN | 2021.9.24 |                         |                   |            |              |
| CHECKED        |        |           | TITLE:                  | TACT SWITCHS      |            |              |
| APPROVALS      |        |           | PART NO.                | K2-1109AP-□4SW-□□ |            |              |
| TOLERANCES ARE | 30~以上  | ±0.30     | ANGLE                   | UNIT: mm          | SCALE: 1:1 | PROJ:        |
|                | 10~30  | ±0.20     |                         |                   |            |              |
|                | 5~10   | ±0.15     |                         |                   |            |              |
|                | ~ 5    | ±0.10     | ±2'                     | DRAWING NO.       |            | SHEET 1 OF 1 |

| ECN NO. | REV. | DATE. | DESCRIPTION. | CHANGE. | CHECK. | APPRO. |
|---------|------|-------|--------------|---------|--------|--------|
| —       | A    | —     | NEW          | —       | —      | —      |

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