



PCB Layout (Pattern Side)



Circuit diagram

- 1. Rating: DC12V 50mA.
- 2. Travel: 0.15 ± 0.1mm.
- 3. Operating Force: 250 ± 50gf.
- 4. Contact Resistance: 100mΩ Max.
- 5. Life: 30,000 Cycles Min.

| PART NO.  |
|-----------|
| TD-1185SA |
| TD-1185SN |

| NO.1    |     |
|---------|-----|
| PART NO | H   |
| XX      | 2.0 |
| XX      | 2.5 |

  

| NO.2    |           |
|---------|-----------|
| PART NO | vigor     |
| 070     | 70 ± 30   |
| 100     | 100 ± 50  |
| 160     | 160 ± 50  |
| 250     | 260 ± 50  |
| 320     | 320 ± 80  |
| 350     | 350 ± 80  |
| 520     | 520 ± 130 |

| ITEM | PART NAME  | QTY. | MATERIAL                       | FINISHING      |
|------|------------|------|--------------------------------|----------------|
| ⑥    | Cover      | 1    | SUS T=0.15                     | Natural        |
| ⑤    | Knob       | 1    | LCP                            | Black          |
| ④    | Dust Cover | 1    | Kapton Film                    | Yellow         |
| ③    | Contact    | 2    | SUS                            | Plating silver |
| ②    | Base       | 1    | LCP                            | Black          |
| ①    | Terminal   | 2    | Phosphor Bronze/Plating silver |                |

| APPROVALS      |                     | DATE      | DRAWING NO.       |              |
|----------------|---------------------|-----------|-------------------|--------------|
| DRAWN          | G.M.Chen            | 2015/9/11 | TD-1185SN-XXH-XXX | SHEET 1 OF 1 |
| CHECKED        |                     |           | TACT SWITCHES     |              |
| APPROVALS      |                     |           |                   |              |
| DRAWN          |                     |           | SCALE: 1:1        | PROJ.        |
| CHECKED        |                     |           |                   |              |
| APPROVALS      |                     |           |                   |              |
| TOLERANCES ARE |                     |           |                   |              |
|                | 30 <sup>±0.15</sup> | ±0.30     | ANGLE             | ±2°          |
|                | 10 <sup>±0.10</sup> | ±0.20     | UNIT: mm          |              |
|                | 5 <sup>±0.10</sup>  | ±0.15     |                   |              |



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

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