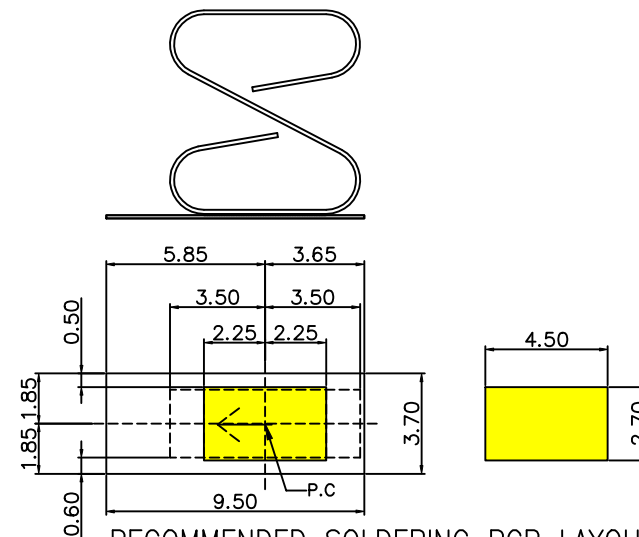
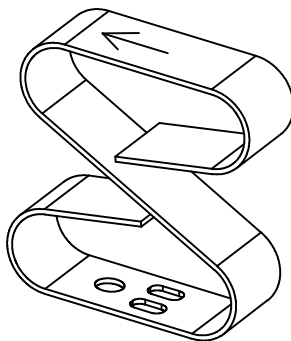
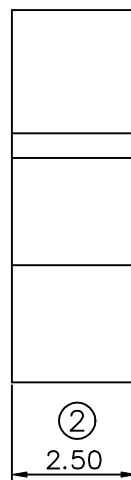
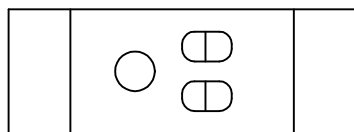
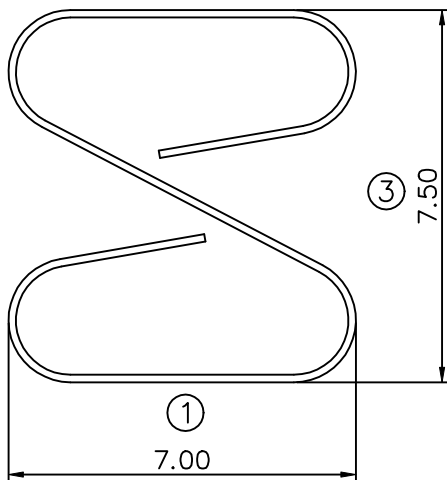
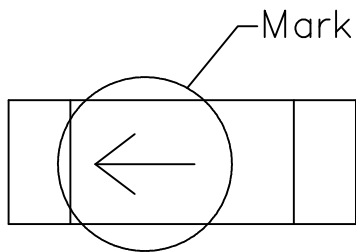
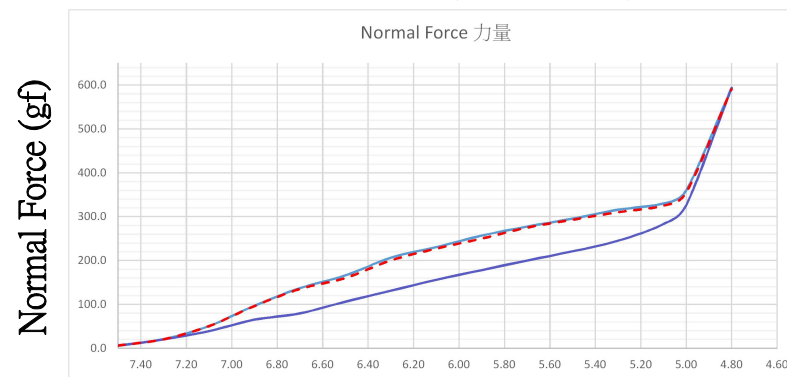




RECOMMENDED SOLDERING PCB LAYOUT

TOLERANCE(.XX±0.05)



Working height position (mm)

Note:

- 1.Material: Titanium Copper Thickness 0.15 mm
- 2.Eleetroplate: Nickel underplating over all,Gold Flash over all.
- 3.Electrical Characteristics:
  - a. Current Voltage: 12V
  - b. Current Rate: 3A
  - c. Contact Resistance; Normal Compression <30mΩ
- 4.Working Height of Application: 7.20~4.80mm
- 5.Spring Force Tolerance is ±20gf
- 6.Operating Temperature: -20℃~+85℃

| TOLERANCE/CLASS |       |      |      |
|-----------------|-------|------|------|
| RANGE(mm)       | A     | B    | C    |
| ≤30             | ±0.10 | 0.15 | 0.30 |
| 30< ~ ≤120      | ±0.15 | 0.20 | 0.30 |
| 120< ~ ≤300     | ±0.20 | 0.30 | 0.50 |
| 300<            | ±0.30 | 0.50 | 0.80 |
| ANGLES          | ±2.5° |      |      |

|          |            |                 |              |                    |     |
|----------|------------|-----------------|--------------|--------------------|-----|
| 00       | 2023-04-06 | Design Creation |              |                    |     |
| DRAFT    | Peter Ting | DATE            | 2023-04-06   | RoHS<br>Compatible |     |
| CHECKER  | Robin Liao | DATE            | 2023-04-07   |                    |     |
| APPROVAL | Justin Wu  | DATE            | 2023-04-10   | SHEET              | 1-2 |
|          |            | SCALE           | Not to scale | UNIT               | mm  |
|          |            | ⌀               |              |                    |     |
|          |            | EMI STOP CORP.  |              |                    |     |
|          |            | EMI STOP        |              |                    |     |
|          |            | EMISTOP P/N     |              | CUS P/N            |     |
|          |            | S8-75A1Q1G      |              |                    |     |