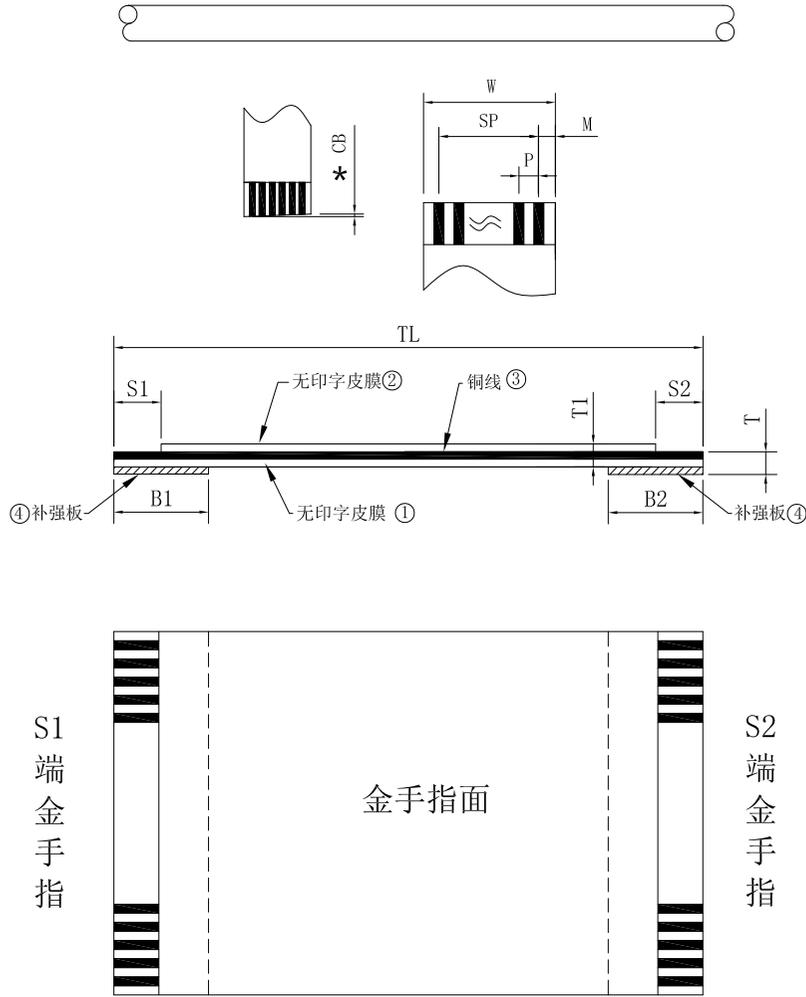


# GP Component

| REV. | ECN NO. | LOCATIONS | DESCRIPTION      | DATE       | DESIGN  |
|------|---------|-----------|------------------|------------|---------|
| A0   |         |           | Initial          | 2024/07/25 | Ken Lin |
| A1   |         |           | 加貼PI保護膜          | 2025/08/08 | Ken Lin |
| A2   |         |           | 更正端子厚度尺寸，銅線為：鍍錫線 | 2025/08/14 | Ken Lin |
| A3   |         |           | 改貼藍色補強板          | 2025/08/26 | Ken Lin |

Marking: 白色无印字无卤胶膜



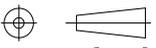
|                                     |                 |            |         |
|-------------------------------------|-----------------|------------|---------|
| 間距 Pitch                            | P               | 0.5        | ±0.05   |
| 總間距 Span                            | SP              | 59.5       | * ±0.08 |
| 總寬度 Width                           | W               | 60.5       | * ±0.08 |
| 邊距 Margin                           | M               | 0.5        | * ±0.08 |
| 端子厚度<br>Insert Thickness            | T/T1            | 0.3 / 0.12 | * ±0.03 |
| 裸銅長度<br>Strip Length                | S1              | 3.0        | * ±0.5  |
|                                     | S2              | 3.0        | * ±0.5  |
| 補強板長度<br>Protector Length           | B1              | 5.0        | * ±1.0  |
|                                     | B2              | 5.0        | * ±1.0  |
| 未貼補強板長度<br>Not Support Plate Length | S5              |            | ±1.0    |
|                                     | S6              |            | ±1.0    |
| 排線總長<br>Total Length                | TL              | 500.0      | * ±2.0  |
| 銅線<br>Conductor                     | 厚度<br>Thickness | 0.035      | ±0.005  |
|                                     | 寬度<br>Width     | 0.30       | ±0.03   |
|                                     | 電鍍<br>Plated    | 鍍錫線        |         |
| 銅線PIN數<br>No. of pin                | 120 PIN         |            |         |

| NO. | SORT | DESC.                    | Q' ty |
|-----|------|--------------------------|-------|
| 6   |      |                          |       |
| 5   |      |                          |       |
| 4   | 補強板  | T0.225藍色                 | EA    |
| 3   | 銅線   | 鍍錫線 0.035mm*0.3mm        | EA    |
| 2   | 皮膜   | 无印字 T=0.043mm( 80° 无卤白膜) | EA    |
| 1   | 皮膜   | 无印字 T=0.043mm( 80° 无卤白膜) | EA    |

- Note:
- 兩端裁切邊斜度CB≤0.3
  - 标注“\*”为重点管控对象
  - 产品符合环保ROHS2.0+REACH
  - 保存环境：温度15℃~25℃，湿度30~50RH%
  - 保质期：6个月；工作环境：-30℃~80℃



## Matrix Electronics Co.,Ltd

|  |                                |                      |  |                    |
|--|--------------------------------|----------------------|--|--------------------|
| <b>TOLERANCE:</b><br>X:X ±0.38<br>X:XX ±0.25<br>X:XXX ±0.13<br>ANGLE: ±1°                                | DESIGN BY :<br>Ken Lin         | DATE :<br>2025/08/26 | PART NAME:<br>FLEXIBLE FLAT CABLE<br>Pitch=0.55mm L=500mm 120Pin |                    |
|  | CHECKED BY:<br>Hanson Huang    | DATE :<br>2025/08/26 | PART NO.   | MRSFCP05N120T-M533 |
| <br>UNIT: mm [inch] | APPROVED BY1:<br>Richard Hsieh | DATE :<br>2025/08/26 | MOLD NO.   | NA                 |
|  | APPROVED BY2:<br>Richard Hsieh | DATE :<br>2025/08/26 | DRAW NO.   |                    |
| SCALE:1:1  | SIZE:A4                        |                      | SHEET NO.  | 1 OF 1             |