

## STRUCTURE (构造)

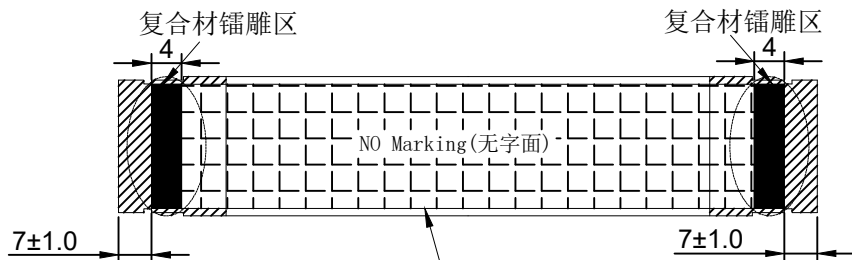
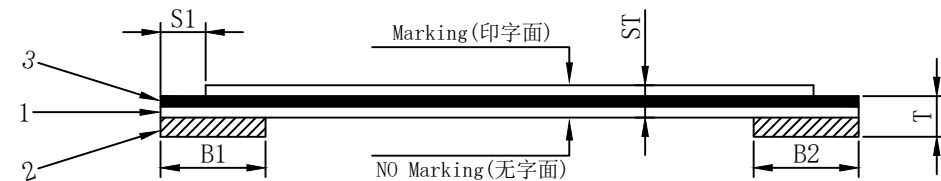
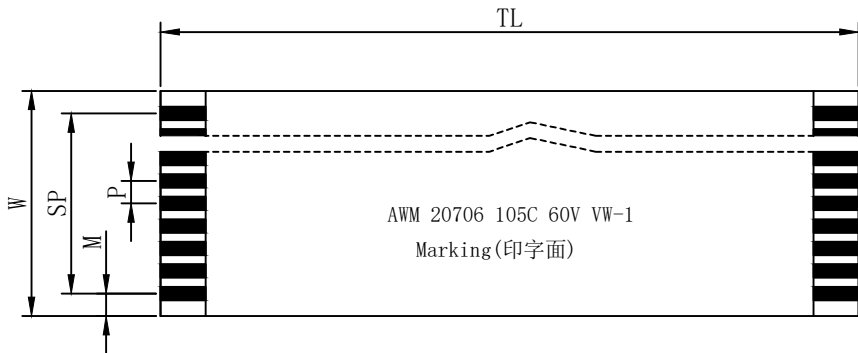
| NO. | ITEM (项目)             | SPECIFICATION (规格)  |       |           |
|-----|-----------------------|---------------------|-------|-----------|
| 1   | INSULATION (胶膜)       | 印字膜:20706 (60μm)    |       |           |
|     |                       | 白膜:105°C 60V (60μm) |       |           |
| 2   | SUPPORTING TAPE (补强板) | 225μm               |       | Blue (蓝色) |
| 3   | CONDUCTOR (导体)        | Thickness (厚度)      | 0.035 | ±0.005    |
|     |                       | Width (宽度)          | 0.3   | ±0.03     |
| 4   | CONDUCTOR (导体镀层)      | PLATED (电镀)         | 镍Ni   | ≥40u"     |
|     |                       | PLATED (电镀)         | 金Au   | 2-3u"     |

## DIMENSION (尺寸)

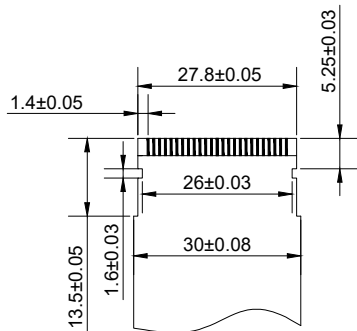
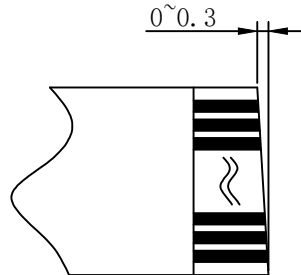
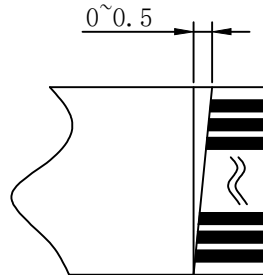
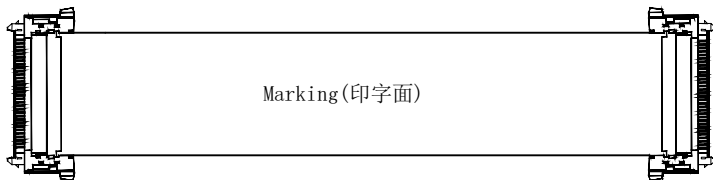
|                                |    |       |       |
|--------------------------------|----|-------|-------|
| No. of conductors (导体数目)       | N  | 51 P  |       |
| Pitch (间距)                     | P  | 0.5   | ±0.05 |
| Span (总间距)                     | SP | 25    | ±0.08 |
| Width (总宽度)                    | W  | 30    | ±0.08 |
| Margin (边缘宽度)                  | M  | 2.5   | ±0.07 |
| Total length (总长度)             | TL | (TL)  | ±3.0  |
| Insert Thickness (插接端厚度)       | T  | 0.32  | ±0.03 |
| Surface Thickness (线身厚度)       | ST | 0.155 | ±0.03 |
|                                |    |       |       |
| Strip Length (裸铜长度)            | S1 | 2.5   | ±0.5  |
|                                | S2 | 2.5   | ±0.5  |
| Supporting Tape Length (补强板长度) | B1 | 10.0  | ±2.0  |
|                                | B2 | 10.0  | ±2.0  |

## Material list (辅料清单)

| NO. | ITEM (项目) | SPEC (规格)           | QTY (数量) |
|-----|-----------|---------------------|----------|
| 1   | 连接器       | 0.5PH 51PIN组件       | 2PCS     |
| 2   | 复合材       | 黑色复合材W:27*T:0.205mm | 1PCS     |



无印字面贴W27\*T0.205黑色复合材(两端镭雕4mm)



S1 S2端冲型尺寸图

## 技术要求:

- 特性阻抗:  $100 \pm 10 \Omega$
- 保存环境: 温度15~25°C 湿度: 30~50RH%
- 保质期: 镀金: 12个月 镀锡: 6个月
- 产品符合RoHS 2.0标准

|           |  |             |  |                                                                                       |                                       |       |  |                                 |  |            |  |                                                                                       |  |
|-----------|--|-------------|--|---------------------------------------------------------------------------------------|---------------------------------------|-------|--|---------------------------------|--|------------|--|---------------------------------------------------------------------------------------|--|
| DESIGN:   |  | Xiaogang Hu |  |  | 广东国连电子有限公司                            |       |  |                                 |  |            |  |                                                                                       |  |
| CHECK:    |  | Ke Tian     |  |                                                                                       | GUANGDONG GUOLIAN ELECTRONICS CO.,LTD |       |  |                                 |  |            |  |                                                                                       |  |
| APPROVED: |  | Youquan Xu  |  | TITLE:                                                                                |                                       |       |  |                                 |  |            |  |                                                                                       |  |
| DIM       |  | TOL         |  | DIM                                                                                   |                                       | TOL   |  | FFC CABLE A型                    |  |            |  |                                                                                       |  |
| X.        |  | ±0.25       |  | X°.                                                                                   |                                       | ±3.0° |  | PART NO.                        |  |            |  |                                                                                       |  |
| X.X       |  | ±0.20       |  | X.X°                                                                                  |                                       |       |  | LVDS 0.5*51P*TL*A2.5/10-S-D-AU2 |  |            |  |                                                                                       |  |
| X.XX      |  | ±0.15       |  | X.XX°                                                                                 |                                       |       |  | REV. A                          |  |            |  |                                                                                       |  |
| X.XXX     |  |             |  | X.XXX                                                                                 |                                       |       |  |                                 |  |            |  | SCALE: N/A                                                                            |  |
|           |  |             |  |                                                                                       |                                       |       |  | UNIT: mm                        |  | SHEET: 1/1 |  |  |  |