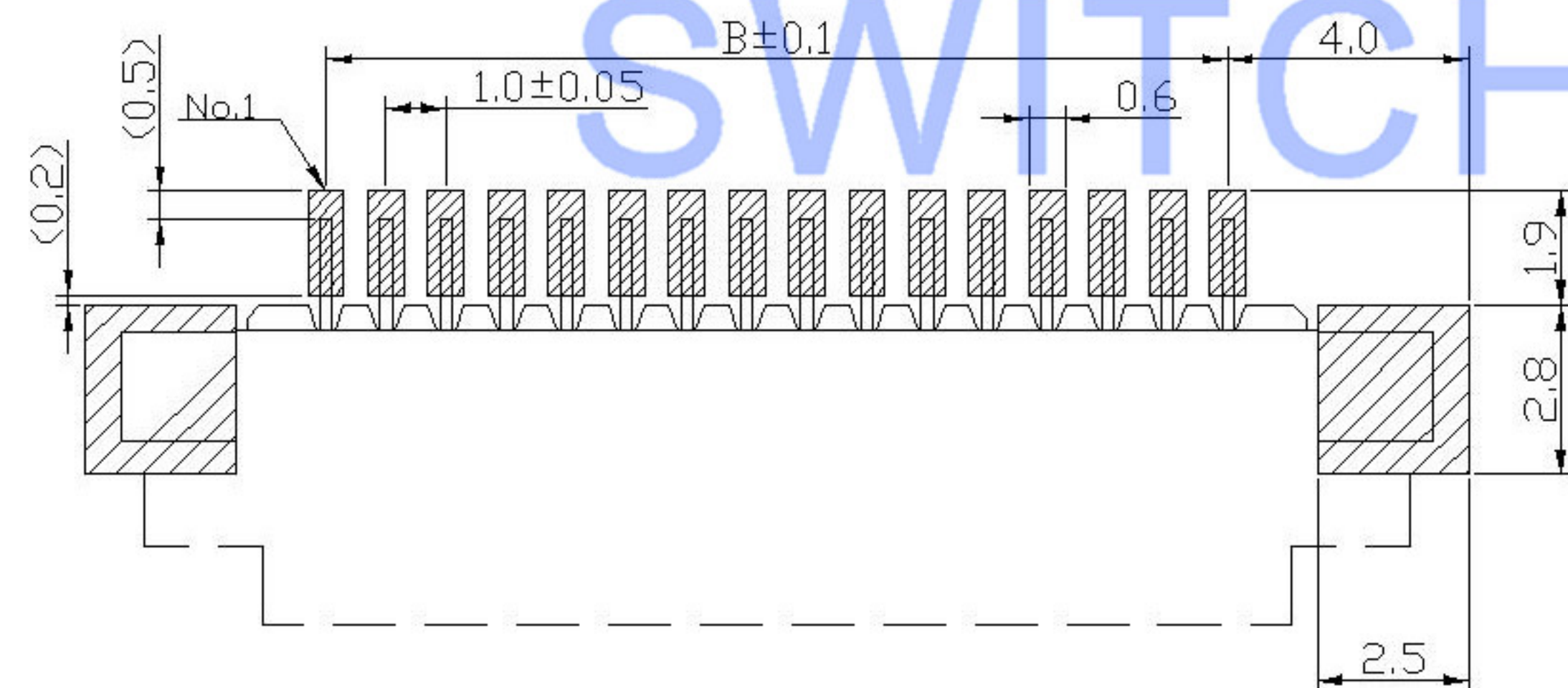
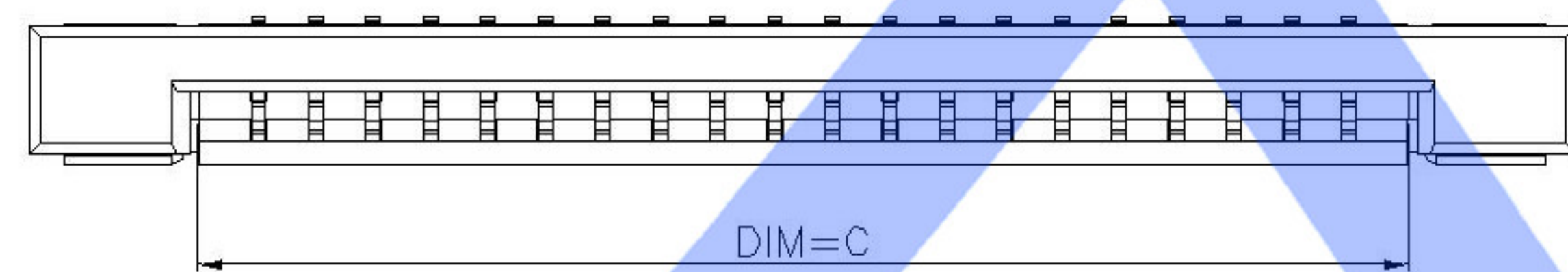
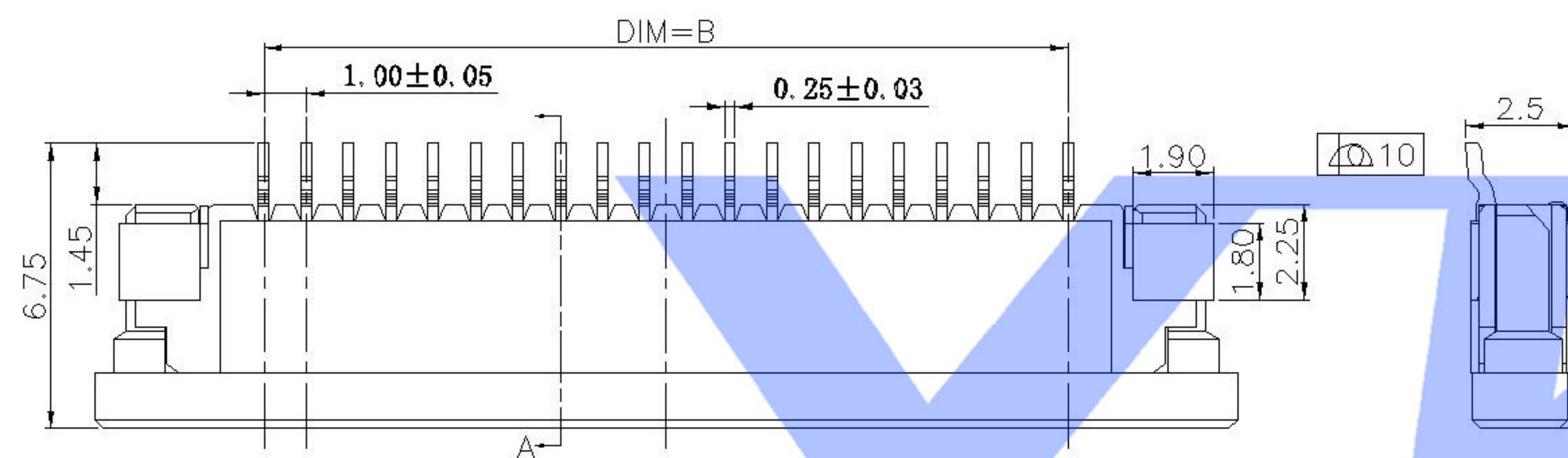
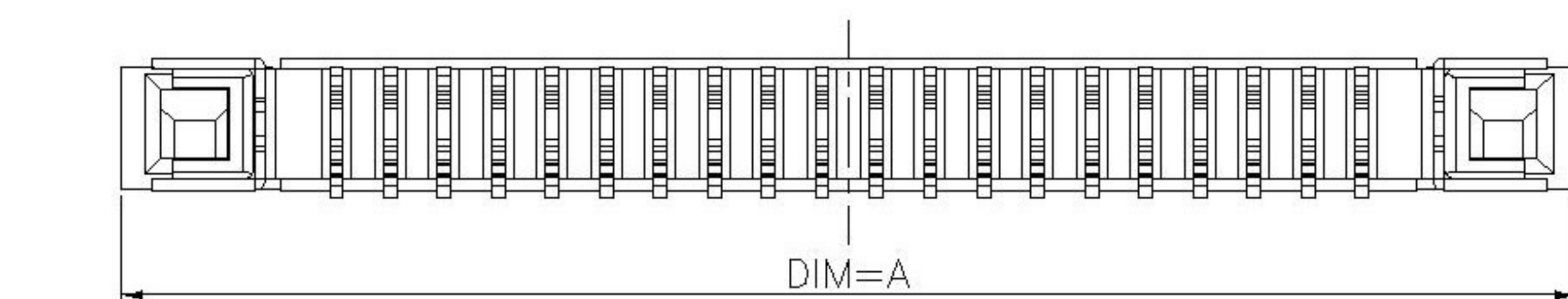
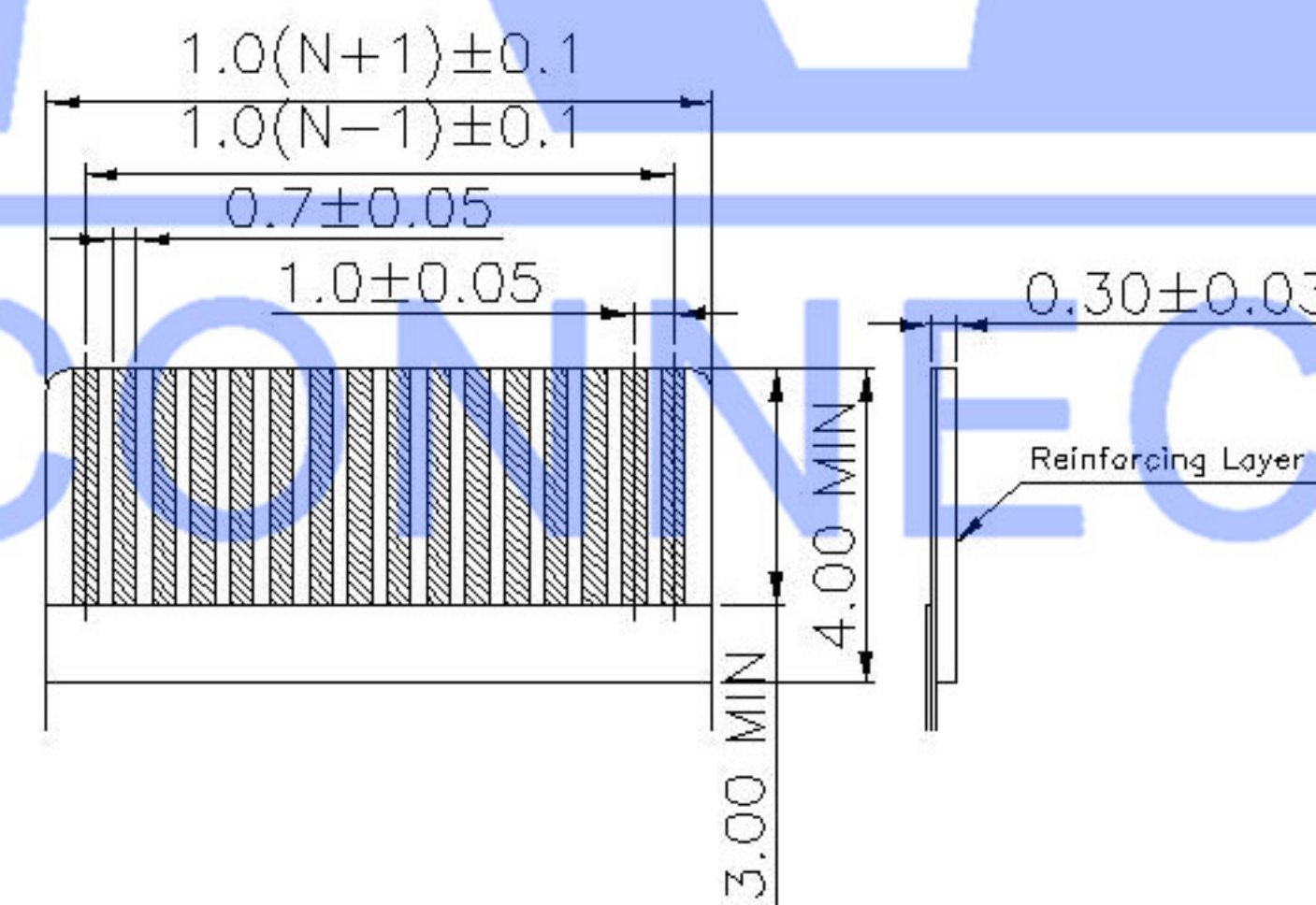




RECOMMENDED PCB LAYOUT



RECOMMENDED FFC DIM

| Pin | DIM A | DIM B | DIM C |
|-----|-------|-------|-------|
| 20  | 27.0  | 19.0  | 21.1  |
| 19  | 26.0  | 18.0  | 20.1  |
| 18  | 25.0  | 17.0  | 19.1  |
| 17  | 24.0  | 16.0  | 18.1  |
| 16  | 23.0  | 15.0  | 17.1  |
| 15  | 22.0  | 14.0  | 16.1  |
| 14  | 21.0  | 13.0  | 15.1  |
| 13  | 20.0  | 12.0  | 14.1  |
| 12  | 19.0  | 11.0  | 13.1  |
| 11  | 18.0  | 10.0  | 12.1  |
| 10  | 17.0  | 9.0   | 11.1  |
| 09  | 16.0  | 8.0   | 10.1  |
| 08  | 15.0  | 7.0   | 9.1   |
| 07  | 14.0  | 6.0   | 8.1   |
| 06  | 13.0  | 5.0   | 7.1   |
| 05  | 12.0  | 4.0   | 6.1   |
| 04  | 11.0  | 3.0   | 5.1   |

| Pin | DIM A | DIM B | DIM C |
|-----|-------|-------|-------|
| 40  | 47.0  | 39.0  | 41.1  |
| 39  | 46.0  | 38.0  | 40.1  |
| 38  | 45.0  | 37.0  | 39.1  |
| 37  | 44.0  | 36.0  | 38.1  |
| 36  | 43.0  | 35.0  | 37.1  |
| 35  | 42.0  | 34.0  | 36.1  |
| 34  | 41.0  | 33.0  | 35.1  |
| 33  | 40.0  | 32.0  | 34.1  |
| 32  | 39.0  | 31.0  | 33.1  |
| 31  | 38.0  | 30.0  | 32.1  |
| 30  | 37.0  | 29.0  | 31.1  |
| 29  | 36.0  | 28.0  | 30.1  |
| 28  | 35.0  | 27.0  | 29.1  |
| 27  | 34.0  | 26.0  | 28.1  |
| 26  | 33.0  | 25.0  | 27.1  |
| 25  | 32.0  | 24.0  | 26.1  |
| 24  | 31.0  | 23.0  | 25.1  |
| 23  | 30.0  | 22.0  | 24.1  |
| 22  | 29.0  | 21.0  | 23.1  |
| 21  | 28.0  | 20.0  | 22.1  |

### X10B25 U XX X

① ② ③ ④

① Series Name :X10B25=1.0 mm Pitch(H=2.5mm)

② Assembly style : L:Low Contact SMT Type U:Upper Contact SMT Type  
D:Double-Face Contact SMT Type H:Back-flip Double-Face Contact SMT Type

③ Number of terminals :XX=04-40PIN

④ Plating : G:Gold Flash Over Nickel T:Tin Over Nickel

### 3. PERFORMANCE:

- 3.1: CURRENT RATING: 0.5A/PIN.  
3.2: VOLTAGE RATING: 50V (AC/DC).  
3.3: CONTACT RESISTANCE: INITIAL VALUE 30mOHM Max,  
3.4: INSULATION RESISTANCE: 500MOHM Min.  
3.5: DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1MINUTE.  
3.6: DURABILITY: 20 TIMES Min.  
3.7: OPERATING TEMPERATURE: -40°C ~ +85°C  
OPERATING HUMIDITY RANGE: 20% TO 85%

|                                                   |             |  |      |         |             |                        |      |                                      |      |      |                                                                                             |                              |        |       |          |
|---------------------------------------------------|-------------|--|------|---------|-------------|------------------------|------|--------------------------------------|------|------|---------------------------------------------------------------------------------------------|------------------------------|--------|-------|----------|
|                                                   |             |  |      |         |             |                        | DSND |                                      | DATE |      | SCALE: N/A                                                                                  | MODEL TYPE:<br>FPC CONNECTOR |        |       |          |
|                                                   |             |  |      |         | ANGLAR      | ±5°                    | DWN  |                                      | DATE |      | VIEW:  | PART NO.:                    |        |       |          |
| △X                                                |             |  |      |         | L ≤ 4       | ±0.2                   | CHKD |                                      | DATE |      | UNIT: mm                                                                                    | DWG NO.:<br>X10B25UXXX       |        |       |          |
| △X                                                |             |  |      |         | 4 < L ≤ 16  | ±0.3                   |      |                                      |      |      |                                                                                             |                              |        |       |          |
| △X                                                |             |  |      |         | 16 < L ≤ 63 | ±0.4                   |      |                                      |      |      |                                                                                             |                              |        |       |          |
| MARK                                              | DESCRIPTION |  | DATE | REVISED | APPROVED    | L > 63                 | ±0.5 | APPD                                 |      | DATE |                                                                                             | SIZE: A4                     |        |       |          |
| REVISIONS                                         |             |  |      |         |             | UNSPECIFIED TOLERANCES |      | XKB INDUSTRIAL PRECISION CO.,LIMITED |      |      |                                                                                             |                              | WEIGHT | SHEET | REVISION |
| www.xk-dg.cn   www.helloxkb.com   www.helloxkb.cn |             |  |      |         |             |                        |      |                                      |      |      |                                                                                             |                              | 1.0g   | 1/1   | A0       |