

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.05.17 | 阿树     |

1.FPC NOT MATING CONDITION BANNED CLOSURE  
2.PART NO. LEGEND

PART NO.:

X10B25 L 16 G  
① ② ③ ④

①Series Name:X10B25=1.00mm Pitch(H:2.50mm)  
②Assembly 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  
③Number of terminals :XX=04-40PIN

④Plating : 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℃~+85℃  
OPERATING HUMIDITY RANGE: 20% TO 85%

| No. of Contacts | DIMENSIONS |       |       | No. of Contacts |       |       |       |
|-----------------|------------|-------|-------|-----------------|-------|-------|-------|
|                 | DIM A      | DIM B | DIM C |                 | DIM A | DIM B | DIM C |
| 4               | 11.00      | 3.00  | 5.10  | 23              | 30.00 | 22.00 | 24.10 |
| 5               | 12.00      | 4.00  | 6.10  | 24              | 31.00 | 23.00 | 25.10 |
| 6               | 13.00      | 5.00  | 7.10  | 25              | 32.00 | 24.00 | 26.10 |
| 7               | 14.00      | 6.00  | 8.10  | 26              | 33.00 | 25.00 | 27.10 |
| 8               | 15.00      | 7.00  | 9.10  | 27              | 34.00 | 26.00 | 28.10 |
| 9               | 16.00      | 8.00  | 10.10 | 28              | 35.00 | 27.00 | 29.10 |
| 10              | 17.00      | 9.00  | 11.10 | 29              | 36.00 | 28.00 | 30.10 |
| 11              | 18.00      | 10.00 | 12.10 | 30              | 37.00 | 29.00 | 31.10 |
| 12              | 19.00      | 11.00 | 13.10 | 31              | 38.00 | 30.00 | 32.10 |
| 13              | 20.00      | 12.00 | 14.10 | 32              | 39.00 | 31.00 | 33.10 |
| 14              | 21.00      | 13.00 | 15.10 | 33              | 40.00 | 32.00 | 34.10 |
| 15              | 22.00      | 14.00 | 16.10 | 34              | 41.00 | 33.00 | 35.10 |
| 16              | 23.00      | 15.00 | 17.10 | 35              | 42.00 | 34.00 | 36.10 |
| 17              | 24.00      | 16.00 | 18.10 | 36              | 43.00 | 35.00 | 37.10 |
| 18              | 25.00      | 17.00 | 19.10 | 37              | 44.00 | 36.00 | 38.10 |
| 19              | 26.00      | 18.00 | 20.10 | 38              | 45.00 | 37.00 | 39.10 |
| 20              | 27.00      | 19.00 | 21.10 | 39              | 46.00 | 38.00 | 40.10 |
| 21              | 28.00      | 20.00 | 22.10 | 40              | 47.00 | 39.00 | 41.10 |
| 22              | 29.00      | 21.00 | 23.10 |                 |       |       |       |

|    |            |                          |              |               |
|----|------------|--------------------------|--------------|---------------|
| 4  | STATOR     | BRASS                    |              | 2             |
| 3  | TERMINAL   | PHOSPHOR BRONZE          | STATOR       | POSITIONS     |
| 2  | COVER      | THERMOPLASTIC<br>UL94V-0 | BLACK        | 1             |
| 1  | HOUSING    | THERMOPLASTIC<br>UL94V-0 | NATURAL      | 1             |
| NO | COMPONENTS | MATERIALS                | FINISH/COLOR | SPECIFICATION |

|          |    |             |                              |
|----------|----|-------------|------------------------------|
| DESIGN   | 阿树 | VIEW:       | MODEL TYPE:<br>FPC CONNECTOR |
| CHECKED  |    | UNIT: mm/in | PART NO.:<br>X10B25L16G      |
| APPROVED |    | SIZE: A4    | DWG NO.:<br>X10B25L16G       |
|          |    | SCALE       | PAGE                         |
|          |    | N/A         | 1/1                          |
|          |    | REVISION    | A1                           |

A

B

C

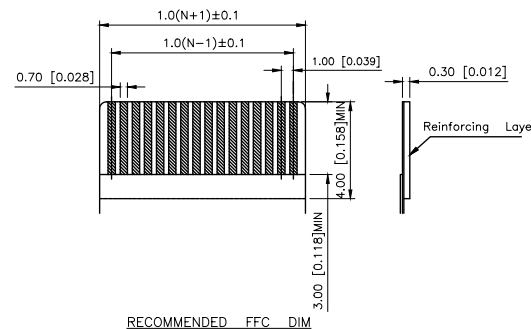
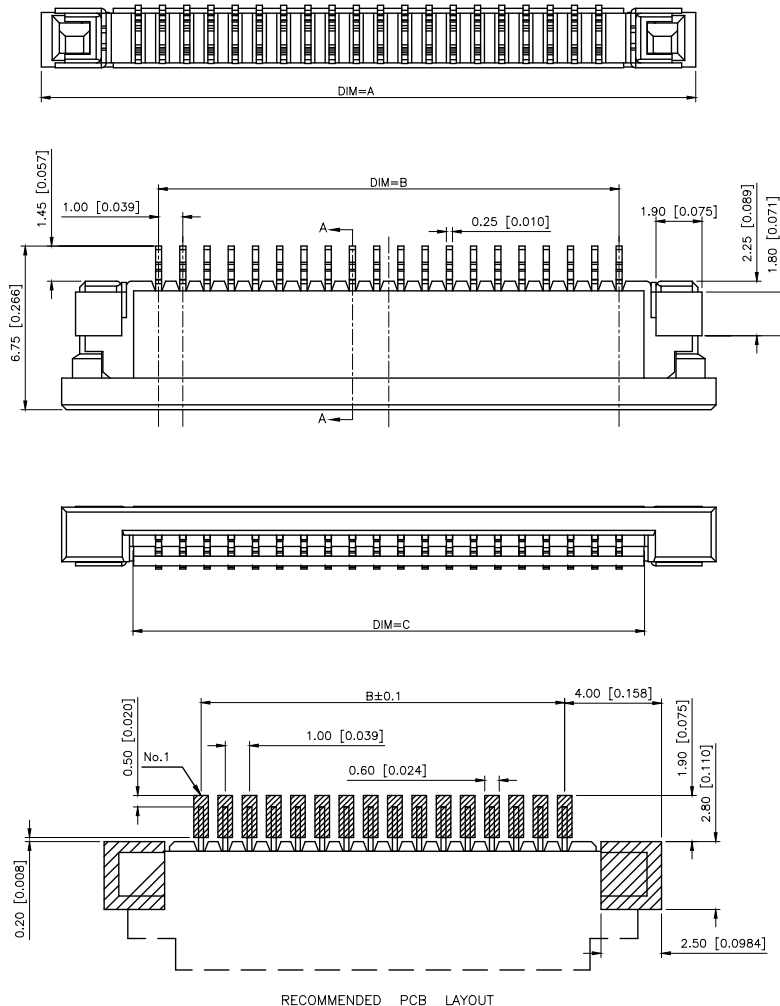
D

A

B

C

D



|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



XKB INDUSTRIAL PRECISION CO.,LIMITED