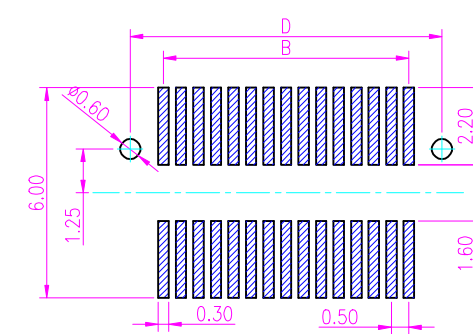
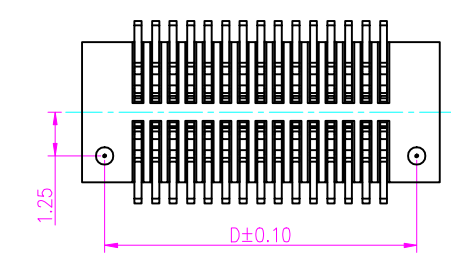
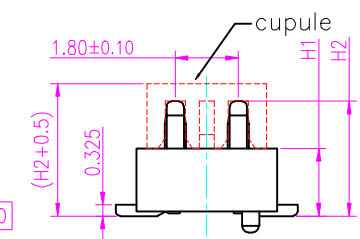
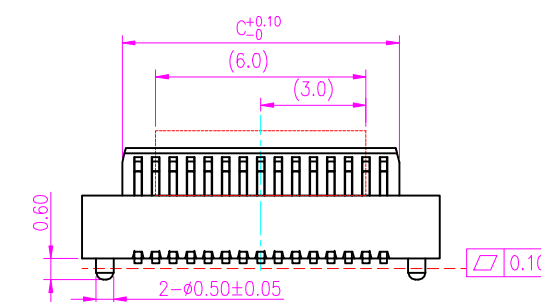
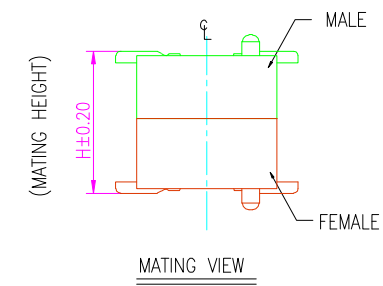
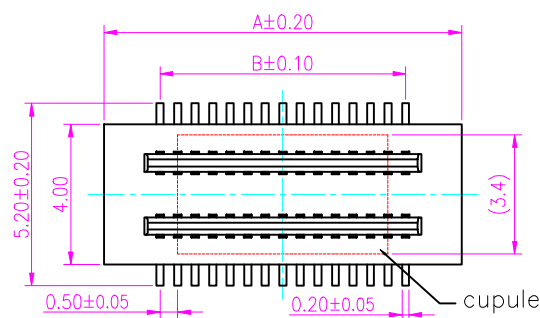
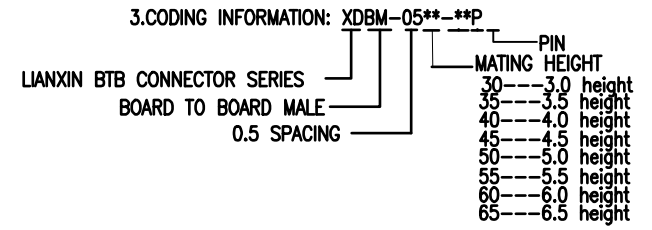




RECOMMENDED PCB PATTERN DIM.  
TOLERANCE : ±0.05

NOTES:

- 1.HOUSING: HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR:BLACK
- 2.TERMINAL:PHOSPHOR BRONZE  
PLATING:1μ" GOLD FLASH OVERALL 50~100μ" NICKEL UNDER PLATED.
- 3.CODING INFORMATION: XDBM-05\*\*-\*\*P



|               |       |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|
| MATING HEIGHT | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5   |
| MALE H1       | 0.925 | 1.425 | 1.925 | 1.025 | 1.525 | 2.025 | 2.525 | 3.025 |
| FEMALE H2     |       | 2.125 |       |       | 3.525 |       |       |       |
| MALE H2       | 2.275 | 2.775 | 3.275 | 2.925 | 3.425 | 3.925 | 4.425 | 4.925 |

| No. of contacts | Dimensions |      |      |      | No. of contacts | Dimensions |      |      |      |
|-----------------|------------|------|------|------|-----------------|------------|------|------|------|
|                 | A          | B    | C    | D    |                 | A          | B    | C    | D    |
| 2*4             | 4.7        | 1.5  | 2.4  | 3.4  | 2*33            | 19.2       | 18.0 | 16.9 | 17.9 |
| 2*5             | 5.2        | 2.0  | 2.9  | 3.9  | 2*34            | 19.7       | 18.5 | 17.4 | 18.4 |
| 2*6             | 5.7        | 2.5  | 3.4  | 4.4  | 2*35            | 20.2       | 17.0 | 17.9 | 18.9 |
| 2*7             | 6.2        | 3.0  | 3.9  | 4.9  | 2*36            | 20.7       | 17.5 | 18.4 | 19.4 |
| 2*8             | 6.7        | 3.5  | 4.4  | 5.4  | 2*37            | 21.2       | 18.0 | 18.9 | 19.9 |
| 2*9             | 7.2        | 4.0  | 4.9  | 5.9  | 2*38            | 21.7       | 18.5 | 19.4 | 20.4 |
| 2*10            | 7.7        | 4.5  | 5.4  | 6.4  | 2*39            | 22.2       | 19.0 | 19.9 | 20.9 |
| 2*11            | 8.2        | 5.0  | 5.9  | 6.9  | 2*40            | 22.7       | 19.5 | 20.4 | 21.4 |
| 2*12            | 8.7        | 5.5  | 6.4  | 7.4  | 2*41            | 23.2       | 20.0 | 20.9 | 21.9 |
| 2*13            | 9.2        | 6.0  | 6.9  | 7.9  | 2*42            | 23.7       | 20.5 | 21.4 | 22.4 |
| 2*14            | 9.7        | 6.5  | 7.4  | 8.4  | 2*43            | 24.2       | 21.0 | 21.9 | 22.9 |
| 2*15            | 10.2       | 7.0  | 7.9  | 8.9  | 2*44            | 24.7       | 21.5 | 22.4 | 23.4 |
| 2*16            | 10.7       | 7.5  | 8.4  | 9.4  | 2*45            | 25.2       | 22.0 | 22.9 | 23.9 |
| 2*17            | 11.2       | 8.0  | 8.9  | 9.9  | 2*46            | 25.7       | 22.5 | 23.4 | 24.4 |
| 2*18            | 11.7       | 8.5  | 9.4  | 10.4 | 2*47            | 26.2       | 23.0 | 23.9 | 24.9 |
| 2*19            | 12.2       | 9.0  | 9.9  | 10.9 | 2*48            | 26.7       | 23.5 | 24.4 | 25.4 |
| 2*20            | 12.7       | 9.5  | 10.4 | 11.4 | 2*49            | 27.2       | 24.0 | 24.9 | 25.9 |
| 2*21            | 13.2       | 10.0 | 10.9 | 11.9 | 2*50            | 27.7       | 24.5 | 25.4 | 26.4 |
| 2*22            | 13.7       | 10.5 | 11.4 | 12.4 | 2*51            | 28.2       | 25.0 | 25.9 | 26.9 |
| 2*23            | 14.2       | 11.0 | 11.9 | 12.9 | 2*52            | 28.7       | 25.5 | 26.4 | 27.4 |
| 2*24            | 14.7       | 11.5 | 12.4 | 13.4 | 2*53            | 29.2       | 26.0 | 26.9 | 27.9 |
| 2*25            | 15.2       | 12.0 | 12.9 | 13.9 | 2*54            | 29.7       | 26.5 | 27.4 | 28.4 |
| 2*26            | 15.7       | 12.5 | 13.4 | 14.4 | 2*55            | 30.2       | 27.0 | 27.9 | 28.9 |
| 2*27            | 16.2       | 13.0 | 13.9 | 14.9 | 2*56            | 30.7       | 27.5 | 28.4 | 29.4 |
| 2*28            | 16.7       | 13.5 | 14.4 | 15.4 | 2*57            | 31.2       | 28.0 | 28.9 | 29.9 |
| 2*29            | 17.2       | 14.0 | 14.9 | 15.9 | 2*58            | 31.7       | 28.5 | 29.4 | 30.4 |
| 2*30            | 17.7       | 14.5 | 15.4 | 16.4 | 2*59            | 32.2       | 29.0 | 29.9 | 30.9 |
| 2*31            | 18.2       | 15.0 | 15.9 | 16.9 | 2*60            | 32.7       | 29.5 | 30.4 | 31.4 |
| 2*32            | 18.7       | 15.5 | 16.4 | 17.4 |                 |            |      |      |      |

CUSTOMER 深圳市连欣科技有限公司

|                  |             |                                              |                                             |
|------------------|-------------|----------------------------------------------|---------------------------------------------|
| REV: A           | SIZE: A4    | GENERAL TOLERANCE UNLESS OTHERWISE SPECIFIED | PART NO: XDBM-05**-**P                      |
| UNIT: mm         | SCALE: 5:1  | X.X ±0.25                                    | TITLE: 0.5 BOARD TO BOARD SMT V/T TYPE MALE |
| SHEET NO: 1 OF 1 | ANG. 0°30'  |                                              |                                             |
| DRAWN BY: Kavin  | CHECKED BY: | APPROVED BY:                                 |                                             |
| SER              | REVISIONS   | CHK                                          | DATE                                        |

# NOTES:

1.HOUSING: HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR:BLACK

2.TERMINAL:PHOSPHOR BRONZE

PLATING:1μ" GOLD FLASH OVERALL 50~100μ" NICKEL UNDER PLATED.

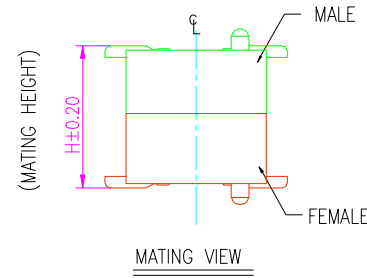
3.CODING INFORMATION: XDBF-05\*\*-\*\*P

LIANXIN BTB CONNECTOR SERIES

BOARD TO BOARD FEMALE

0.5 SPACING

PIN  
MATING HEIGHT  
30---3.0 height  
35---3.5 height  
40---4.0 height  
45---4.5 height  
50---5.0 height  
55---5.5 height  
60---6.0 height  
65---6.5 height

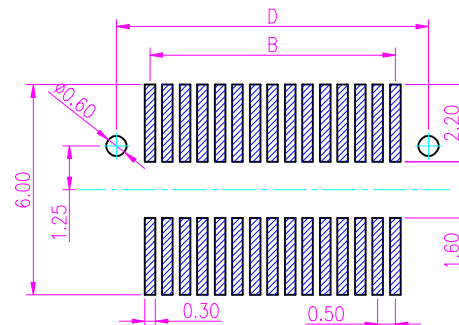
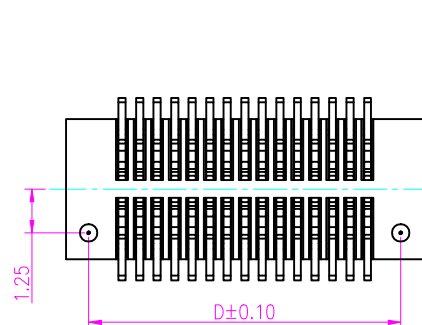
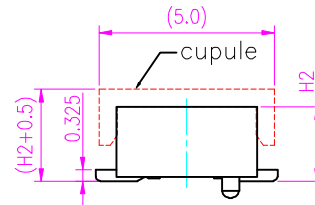
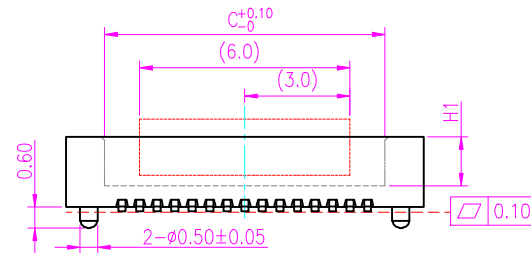
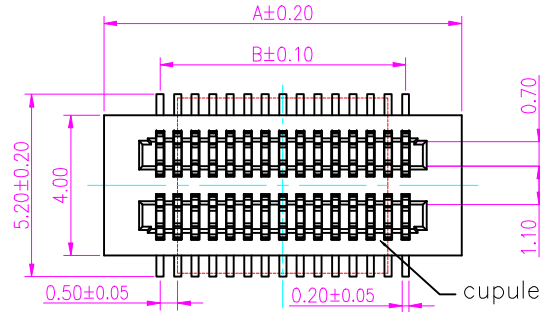


MATING VIEW

## 0.5 BOARD TO BOARD FEMALE

| MATING HEIGHT | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5   |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|
| FEMALE H1     |       | 1.40  |       |       |       | 2.00  |       |       |
| FEMALE H2     |       | 2.125 |       |       |       | 3.525 |       |       |
| MALE H1       | 0.925 | 1.425 | 1.925 | 1.025 | 1.525 | 2.025 | 2.525 | 3.025 |

| No. of contacts | Dimensions |      |      |      | No. of contacts | Dimensions |      |      |      |
|-----------------|------------|------|------|------|-----------------|------------|------|------|------|
|                 | A          | B    | C    | D    |                 | A          | B    | C    | D    |
| 2*4             | 4.7        | 1.5  | 2.5  | 3.4  | 2*33            | 19.2       | 18.0 | 17.0 | 17.9 |
| 2*5             | 5.2        | 2.0  | 3.0  | 3.9  | 2*34            | 19.7       | 18.5 | 17.5 | 18.4 |
| 2*6             | 5.7        | 2.5  | 3.5  | 4.4  | 2*35            | 20.2       | 17.0 | 18.0 | 18.9 |
| 2*7             | 6.2        | 3.0  | 4.0  | 4.9  | 2*36            | 20.7       | 17.5 | 18.5 | 19.4 |
| 2*8             | 6.7        | 3.5  | 4.5  | 5.4  | 2*37            | 21.2       | 18.0 | 19.0 | 19.9 |
| 2*9             | 7.2        | 4.0  | 5.0  | 5.9  | 2*38            | 21.7       | 18.5 | 19.5 | 20.4 |
| 2*10            | 7.7        | 4.5  | 5.5  | 6.4  | 2*39            | 22.2       | 19.0 | 20.0 | 20.9 |
| 2*11            | 8.2        | 5.0  | 6.0  | 6.9  | 2*40            | 22.7       | 19.5 | 20.5 | 21.4 |
| 2*12            | 8.7        | 5.5  | 6.5  | 7.4  | 2*41            | 23.2       | 20.0 | 21.0 | 21.9 |
| 2*13            | 9.2        | 6.0  | 7.0  | 7.9  | 2*42            | 23.7       | 20.5 | 21.5 | 22.4 |
| 2*14            | 9.7        | 6.5  | 7.5  | 8.4  | 2*43            | 24.2       | 21.0 | 22.0 | 22.9 |
| 2*15            | 10.2       | 7.0  | 8.0  | 8.9  | 2*44            | 24.7       | 21.5 | 22.5 | 23.4 |
| 2*16            | 10.7       | 7.5  | 8.5  | 9.4  | 2*45            | 25.2       | 22.0 | 23.0 | 23.9 |
| 2*17            | 11.2       | 8.0  | 9.0  | 9.9  | 2*46            | 25.7       | 22.5 | 23.5 | 24.4 |
| 2*18            | 11.7       | 8.5  | 9.5  | 10.4 | 2*47            | 26.2       | 23.0 | 24.0 | 24.9 |
| 2*19            | 12.2       | 9.0  | 10.0 | 10.9 | 2*48            | 26.7       | 23.5 | 24.5 | 25.4 |
| 2*20            | 12.7       | 9.5  | 10.5 | 11.4 | 2*49            | 27.2       | 24.0 | 25.0 | 25.9 |
| 2*21            | 13.2       | 10.0 | 11.0 | 11.9 | 2*50            | 27.7       | 24.5 | 25.5 | 26.4 |
| 2*22            | 13.7       | 10.5 | 11.5 | 12.4 | 2*51            | 28.2       | 25.0 | 26.0 | 26.9 |
| 2*23            | 14.2       | 11.0 | 12.0 | 12.9 | 2*52            | 28.7       | 25.5 | 26.5 | 27.4 |
| 2*24            | 14.7       | 11.5 | 12.5 | 13.4 | 2*53            | 29.2       | 26.0 | 27.0 | 27.9 |
| 2*25            | 15.2       | 12.0 | 13.0 | 13.9 | 2*54            | 29.7       | 26.5 | 27.5 | 28.4 |
| 2*26            | 15.7       | 12.5 | 13.5 | 14.4 | 2*55            | 30.2       | 27.0 | 28.0 | 28.9 |
| 2*27            | 16.2       | 13.0 | 14.0 | 14.9 | 2*56            | 30.7       | 27.5 | 28.5 | 29.4 |
| 2*28            | 16.7       | 13.5 | 14.5 | 15.4 | 2*57            | 31.2       | 28.0 | 29.0 | 29.9 |
| 2*29            | 17.2       | 14.0 | 15.0 | 15.9 | 2*58            | 31.7       | 28.5 | 29.5 | 30.4 |
| 2*30            | 17.7       | 14.5 | 15.5 | 16.4 | 2*59            | 32.2       | 29.0 | 30.0 | 30.9 |
| 2*31            | 18.2       | 15.0 | 16.0 | 16.9 | 2*60            | 32.7       | 29.5 | 30.5 | 31.4 |
| 2*32            | 18.7       | 15.5 | 16.5 | 17.4 |                 |            |      |      |      |



RECOMMENDED PCB PATTERN DIM.

TOLERANCE : ±0.05

CUSTOMER 深圳市连欣科技有限公司

|                  |            |                                              |                                               |
|------------------|------------|----------------------------------------------|-----------------------------------------------|
| REV: A           | SIZE: A4   | GENERAL TOLERANCE UNLESS OTHERWISE SPECIFIED | PART NO: XDBF-05**-**P                        |
| UNIT: mm         | SCALE: 5:1 | X.X ±0.25<br>X.XX ±0.15<br>X.XXX             | TITLE: 0.5 BOARD TO BOARD SMT V/T TYPE FEMALE |
| SHEET NO: 1 OF 1 | ANG: 0°30' | DRAWN BY: <b>Kavin</b> 2012-12-02            | CHECKED BY: APPROVED BY:                      |

| SER | REVISIONS | CHK | DATE |
|-----|-----------|-----|------|
|     |           |     |      |