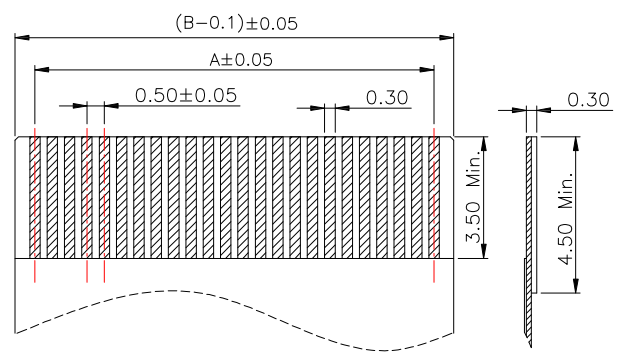
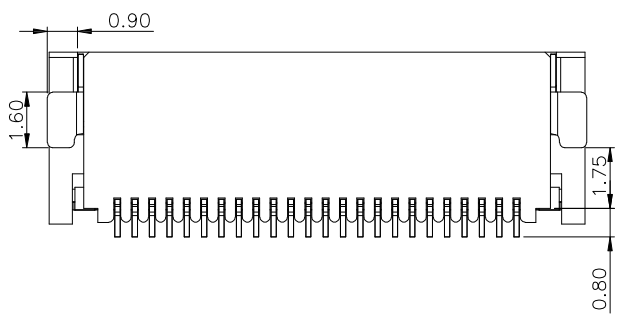


RECOMMEND PCB LAYOUT

| PIN NO. | Dimensions |       |       | PIN NO. | Dimensions |       |       | PIN NO. | Dimensions |       |       |
|---------|------------|-------|-------|---------|------------|-------|-------|---------|------------|-------|-------|
|         | A          | B     | C     |         | A          | B     | C     |         | A          | B     | C     |
| 4       | 1.50       | 2.52  | 5.54  | 24      | 11.50      | 12.52 | 15.54 | 44      | 21.50      | 22.52 | 25.54 |
| 5       | 2.00       | 3.02  | 6.04  | 25      | 12.00      | 13.02 | 16.04 | 45      | 22.00      | 23.02 | 26.04 |
| 6       | 2.50       | 3.52  | 6.54  | 26      | 12.50      | 13.52 | 16.54 | 46      | 22.50      | 23.52 | 26.54 |
| 7       | 3.00       | 4.02  | 7.04  | 27      | 13.00      | 14.02 | 17.04 | 47      | 23.00      | 24.02 | 27.04 |
| 8       | 3.50       | 4.52  | 7.54  | 28      | 13.50      | 14.52 | 17.54 | 48      | 23.50      | 24.52 | 27.54 |
| 9       | 4.00       | 5.02  | 8.04  | 29      | 14.00      | 15.02 | 18.04 | 49      | 24.00      | 25.02 | 28.04 |
| 10      | 4.50       | 5.52  | 8.54  | 30      | 14.50      | 15.52 | 18.54 | 50      | 24.50      | 25.52 | 28.54 |
| 11      | 5.00       | 6.02  | 9.04  | 31      | 15.00      | 16.02 | 19.04 | 51      | 25.00      | 26.02 | 29.04 |
| 12      | 5.50       | 6.52  | 9.54  | 32      | 15.50      | 16.52 | 19.54 | 52      | 25.50      | 26.52 | 29.54 |
| 13      | 6.00       | 7.02  | 10.04 | 33      | 16.00      | 17.02 | 20.04 | 53      | 26.00      | 27.02 | 30.04 |
| 14      | 6.50       | 7.52  | 10.54 | 34      | 16.50      | 17.52 | 20.54 | 54      | 26.50      | 27.52 | 30.54 |
| 15      | 7.00       | 8.02  | 11.04 | 35      | 17.00      | 18.02 | 21.04 | 55      | 27.00      | 28.02 | 31.04 |
| 16      | 7.50       | 8.52  | 11.54 | 36      | 17.50      | 18.52 | 21.54 | 56      | 27.50      | 28.52 | 31.54 |
| 17      | 8.00       | 9.02  | 12.04 | 37      | 18.00      | 19.02 | 22.04 | 57      | 28.00      | 29.02 | 32.04 |
| 18      | 8.50       | 9.52  | 12.54 | 38      | 18.50      | 19.52 | 22.54 | 58      | 28.50      | 29.52 | 32.54 |
| 19      | 9.00       | 10.02 | 13.04 | 39      | 19.00      | 20.02 | 23.04 | 59      | 29.00      | 30.02 | 33.04 |
| 20      | 9.50       | 10.52 | 13.54 | 40      | 19.50      | 20.52 | 23.54 | 60      | 29.50      | 30.52 | 33.54 |
| 21      | 10.00      | 11.02 | 14.04 | 41      | 20.00      | 21.02 | 24.04 | 80      | 39.50      | 40.52 | 43.54 |
| 22      | 10.50      | 11.52 | 14.54 | 42      | 20.50      | 21.52 | 24.54 |         |            |       |       |
| 23      | 11.00      | 12.02 | 15.04 | 43      | 21.00      | 22.02 | 25.04 |         |            |       |       |



Applicable Flat Cable

- NOTE:
- MATERIAL:
    - 1.1 HOUSING: LCP, NATURAL
    - 1.2 AUTUATOR: LCP, BLACK
    - 1.3 CONTACT: PHOSPHOR BRONZE
    - 1.4 PEG: PHOSPHOR BRONZE
  - PLATING:
    - 2.1 CONTACT: GOLD PLATED ON NICKEL OVERALL
    - 2.2 PEG: TIN PLATED OVER Nickel
  - SPECIFICATION:
    - 3.1 CURRENT RATING: 0.5A AC/DC
    - 3.2 VOLTAGE RATING: 50V AC/DC
    - 3.3 OPERATING TEMPERATURE RANGE: -25°C~+85°C

|          |             |       |        |
|----------|-------------|-------|--------|
| 1        | 更新樣式        | Jack  | 042126 |
| ITEM NO. | DESCRIPTION | DRAWN | DATE   |

**CONTACT** 建倚科技股份有限公司  
**CONTACT TECHNOLOGY CORP.**

TOLERANCE UNLESS OTHERWISE STATED :

|               |       |              |       |    |
|---------------|-------|--------------|-------|----|
| Up to 5       | ±0.2  | 3RD. ANGEL'S | UNITS | MM |
| Above 5 ~ 15  | ±0.3  |              |       |    |
| Above 15 ~ 30 | ±0.4  |              |       |    |
| Above 30 ~ 50 | ±0.5  |              |       |    |
| Angle         | ±0.3° |              |       |    |

|              |          |           |          |                               |
|--------------|----------|-----------|----------|-------------------------------|
| DRAWN BY:    | DATE     | MAT'L     | TITLE    | CONNECTOR                     |
| Jack Lu      | 04/21/26 | FINISH    | MODLE    | FPC 0.5PH雙接 2.0H R/A SMT TYPE |
| CHECKED BY:  | DATE     | SCALE     | DWG NO.  | FPC05D2-20xx-C5-S149          |
| Jacky Chen   | 04/21/26 | 1 : 1     | PART NO. | FPC05D2-20xx-C5-S149          |
| APPROVED BY: | DATE     | SHEET NO. | 1 of 1   |                               |
| Tony Kao     | 04/21/26 |           |          |                               |