

| REV. | ECN NO. | LOCATIONS | DESCRIPTION | DATE     | DESIGN |
|------|---------|-----------|-------------|----------|--------|
| A0   |         |           | NEW RELEASE | 10/09'25 | Jim    |

ORDERING INFORMATION

FVY0545 - XX (XX R)  
① ② ③

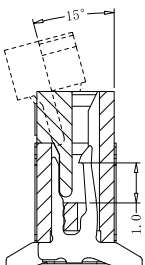
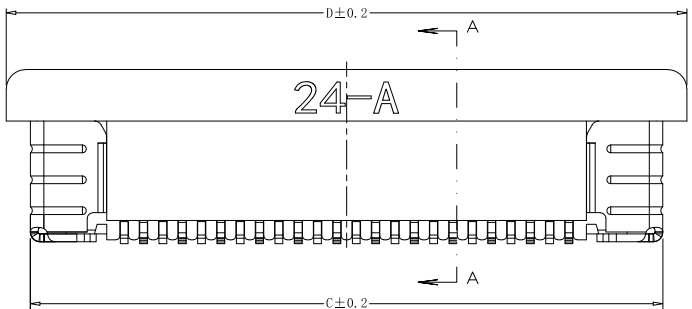
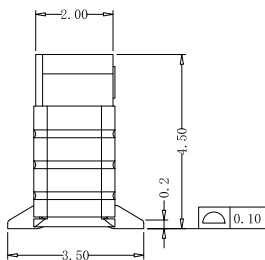
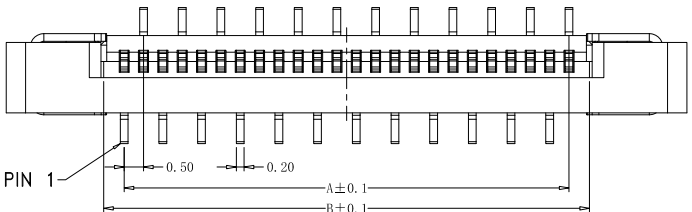
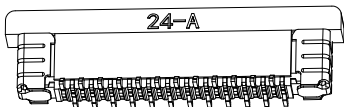
CUSTOMER DRAWING

RoHS Compliant

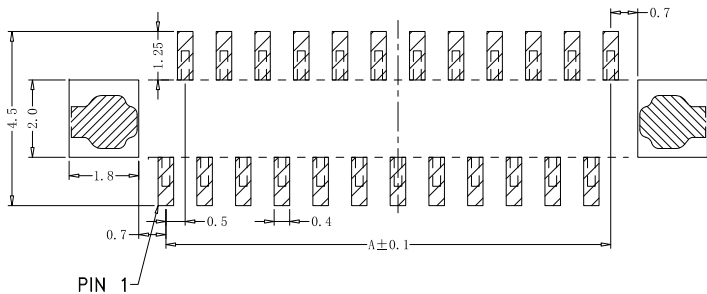
① PRODUCT SERIES:  
FPC/FFC CONN- Drawer type  
Vertical /Pitch 0.50mm/ Height 4.50mm

② NUMBER OF CONTACTS:  
04 TO 60  
③ PLATING:  
00: Tin plated.  
01: G/F.

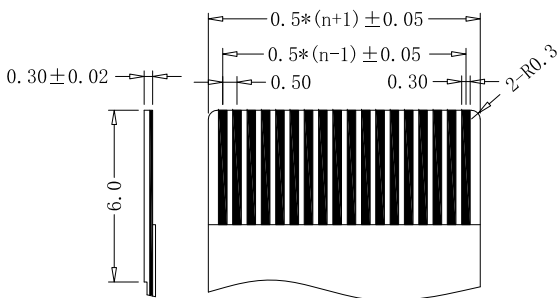
3D VIEW



SECTION A-A



RECOMMENDED P.C.B LAYOUT  
GENERAL TOLERANCE:±0.05MM



RECOMMENDED FPC/FFC DIMENSION

| PIN NO. | DIMENSION |       |       |       |
|---------|-----------|-------|-------|-------|
|         | A         | B     | C     | D     |
| 04      | 1.50      | 2.60  | 6.35  | 7.65  |
| 05      | 2.00      | 3.10  | 6.85  | 8.15  |
| 06      | 2.50      | 3.60  | 7.35  | 8.65  |
| 07      | 3.00      | 4.10  | 7.85  | 9.15  |
| 08      | 3.50      | 4.60  | 8.35  | 9.65  |
| 09      | 4.00      | 5.10  | 8.85  | 10.15 |
| 10      | 4.50      | 5.60  | 9.35  | 10.65 |
| 11      | 5.00      | 6.10  | 9.85  | 11.15 |
| 12      | 5.50      | 6.60  | 10.35 | 11.65 |
| 13      | 6.00      | 7.10  | 10.85 | 12.15 |
| 14      | 6.50      | 7.60  | 11.35 | 12.65 |
| 15      | 7.00      | 8.10  | 11.85 | 13.15 |
| 16      | 7.50      | 8.60  | 12.35 | 13.65 |
| 17      | 8.00      | 9.10  | 12.85 | 14.15 |
| 18      | 8.50      | 9.60  | 13.35 | 14.65 |
| 19      | 9.00      | 10.10 | 13.85 | 15.15 |
| 20      | 9.50      | 10.60 | 14.35 | 15.65 |
| 21      | 10.00     | 11.10 | 14.85 | 16.15 |
| 22      | 10.50     | 11.60 | 15.35 | 16.65 |
| 23      | 11.00     | 12.10 | 15.85 | 17.15 |
| 24      | 11.50     | 12.60 | 16.35 | 17.65 |
| 25      | 12.00     | 13.10 | 16.85 | 18.15 |
| 26      | 12.50     | 13.60 | 17.35 | 18.65 |
| 27      | 13.00     | 14.10 | 17.85 | 19.15 |
| 28      | 13.50     | 14.60 | 18.35 | 19.65 |
| 29      | 14.00     | 15.10 | 18.85 | 20.15 |
| 30      | 14.50     | 15.60 | 19.35 | 20.65 |
| 31      | 15.00     | 16.10 | 19.85 | 21.15 |
| 32      | 15.50     | 16.60 | 20.35 | 21.65 |

| PIN NO. | DIMENSION |       |       |       |
|---------|-----------|-------|-------|-------|
|         | A         | B     | C     | D     |
| 33      | 16.00     | 17.10 | 20.85 | 22.15 |
| 34      | 16.50     | 17.60 | 21.35 | 22.65 |
| 35      | 17.00     | 18.10 | 21.85 | 23.15 |
| 36      | 17.50     | 18.60 | 22.35 | 23.65 |
| 37      | 18.00     | 19.10 | 22.85 | 24.15 |
| 38      | 18.50     | 19.60 | 23.35 | 24.65 |
| 39      | 19.00     | 20.10 | 23.85 | 25.15 |
| 40      | 19.50     | 20.60 | 24.35 | 25.65 |
| 41      | 20.00     | 21.10 | 24.85 | 26.15 |
| 42      | 20.50     | 21.60 | 25.35 | 26.65 |
| 43      | 21.00     | 22.10 | 25.85 | 27.15 |
| 44      | 21.50     | 22.60 | 26.35 | 27.65 |
| 45      | 22.00     | 23.10 | 26.85 | 28.15 |
| 46      | 22.50     | 23.60 | 27.35 | 28.65 |
| 47      | 23.00     | 24.10 | 27.85 | 29.15 |
| 48      | 23.50     | 24.60 | 28.35 | 29.65 |
| 49      | 24.00     | 25.10 | 28.85 | 30.15 |
| 50      | 24.50     | 25.60 | 29.35 | 30.65 |
| 51      | 25.00     | 26.10 | 29.85 | 31.15 |
| 52      | 25.50     | 26.60 | 30.35 | 31.65 |
| 53      | 26.00     | 27.10 | 30.85 | 32.15 |
| 54      | 26.50     | 27.60 | 31.35 | 32.65 |
| 55      | 27.00     | 28.10 | 31.85 | 33.15 |
| 56      | 27.50     | 28.60 | 32.35 | 33.65 |
| 57      | 28.00     | 29.10 | 32.85 | 34.15 |
| 58      | 28.50     | 29.60 | 33.35 | 34.65 |
| 59      | 29.00     | 30.10 | 33.85 | 35.15 |
| 60      | 29.50     | 30.60 | 34.35 | 35.65 |

| DIM   | TOL   | DIM    | TOL   |
|-------|-------|--------|-------|
| X     | ±0.25 | X"     | ±4.0" |
| X.X   | ±0.20 | X.X"   | ±3.0" |
| X.XX  | ±0.10 | X.XX"  | ±2.0" |
| X.XXX | ±0.05 | X.XXX" | ±1.0" |

Notes:

- Material
  - 1.1: Housing: High Temperature plastic,UL94V-0.
  - 1.2: Actuator: High Temperature plastic,UL94V-0.
  - 1.3: Contact: Copper Alloy.
  - 1.4: Fit: Copper Alloy.
- Plating
  - 2.1: Contact: Tin or Gold plated over Nickel on contact area.  
Tin plated over Nickel on solder area.
  - 2.2: Fit: Tin plated over Nickel.

| SUNFUN   |             |          | SUNFUN TECHNOLOGY LTD |                 |                                                                       |
|----------|-------------|----------|-----------------------|-----------------|-----------------------------------------------------------------------|
| DRAW NO. | FVY0545(A0) | DATE     | MATERIAL:             | SEE NOTES       | DRAW NAME:                                                            |
| DESIGN:  | Jim         | 10/09'25 | FINISH:               | SEE NOTES       | FPC/FFC CONN-Drawer Type<br>Vertical /Pitch 0.50mm /<br>Height 4.50mm |
| CHECK:   | Jim         | 10/09'25 | FILE:                 | FVY0545(A0)     | MODEL:                                                                |
| REVIEW:  | Eric        | 10/09'25 | P/N:                  | FVY0545-XX(XXR) | P0.5 FPC CONN                                                         |
| APPROVED | Eric        | 10/09'25 | REV.                  | A0              | SCALE                                                                 |
|          |             |          | UNIT:                 | mm              | SHEET:                                                                |
|          |             |          |                       |                 | 1/1                                                                   |
|          |             |          |                       |                 |                                                                       |