

| REV. | ECN NO | CONTENT         | DATE | ENGINEER |
|------|--------|-----------------|------|----------|
| A0   |        | Initial release | /    | SGF      |

Note:

1. Material:

- 1.1 Housing: thermoplastic high temp.UL94V-0; Color: natural.
- 1.2 Latch: thermoplastic high temp.UL94V-0; Color: black.
- 1.3 Terminal: copper alloy.
- 1.4 Fitting Nail: copper alloy.

2. Finish:

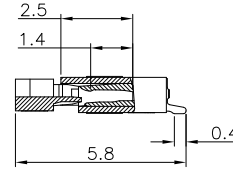
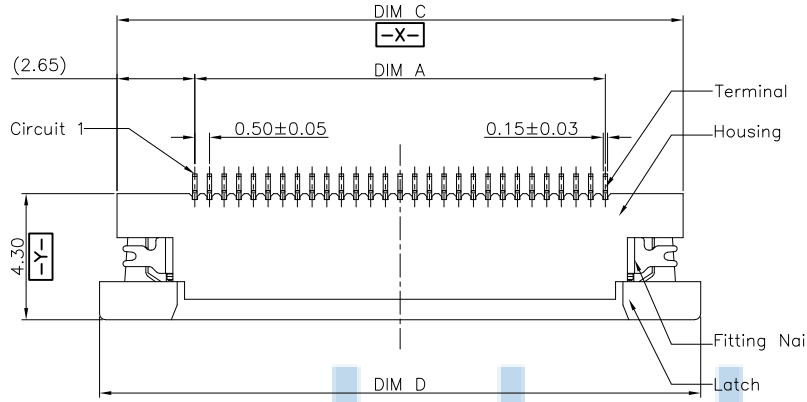
2.1 Terminal:

Underplating: Au/matt Tin overall.

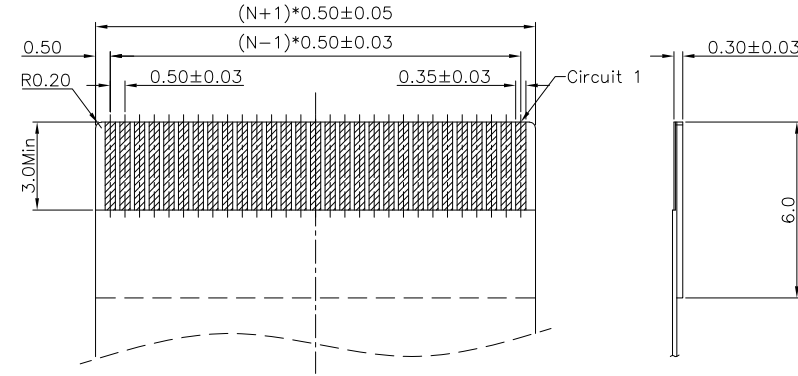
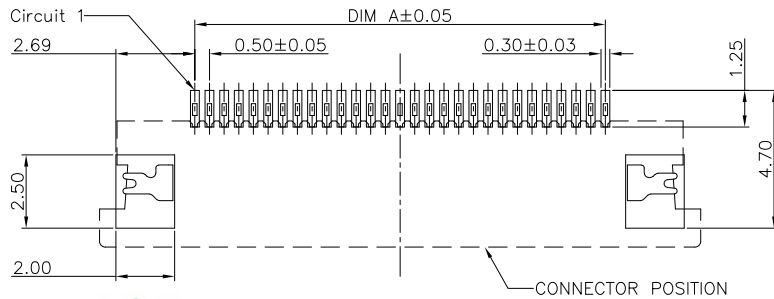
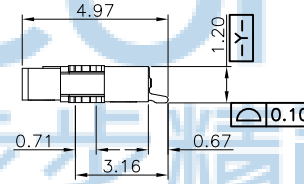
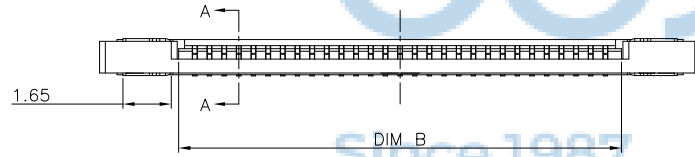
2.2 Fitting Nail:

Underplating: matt Tin overall.

3. Product must comply HF RoHS specification.



SECTION A-A  
SCALE 1:1



RECOMMENDED FPC/FFC DIMENSION

| CKTS | DIM A | DIM B | DIM C | DIM D |
|------|-------|-------|-------|-------|
| 4    | 1.50  | 2.60  | 6.80  | 8.00  |
| 5    | 2.00  | 3.10  | 7.30  | 8.50  |
| 6    | 2.50  | 3.60  | 7.80  | 9.00  |
| 7    | 3.00  | 4.10  | 8.30  | 9.50  |
| 8    | 3.50  | 4.60  | 8.80  | 10.00 |
| 9    | 4.00  | 5.10  | 9.30  | 10.50 |
| 10   | 4.50  | 5.60  | 9.80  | 11.00 |
| 11   | 5.00  | 6.10  | 10.30 | 11.50 |
| 12   | 5.50  | 6.60  | 10.80 | 12.00 |
| 13   | 6.00  | 7.10  | 11.30 | 12.50 |
| 14   | 6.50  | 7.60  | 11.80 | 13.00 |
| 15   | 7.00  | 8.10  | 12.30 | 13.50 |
| 16   | 7.50  | 8.60  | 12.80 | 14.00 |
| 17   | 8.00  | 9.10  | 13.30 | 14.50 |
| 18   | 8.50  | 9.60  | 13.80 | 15.00 |
| 19   | 9.00  | 10.10 | 14.30 | 15.50 |
| 20   | 9.50  | 10.60 | 14.80 | 16.00 |
| 21   | 10.00 | 11.10 | 15.30 | 16.50 |
| 22   | 10.50 | 11.60 | 15.80 | 17.00 |
| 23   | 11.00 | 12.10 | 16.30 | 17.50 |
| 24   | 11.50 | 12.60 | 16.80 | 18.00 |
| 25   | 12.00 | 13.10 | 17.30 | 18.50 |
| 26   | 12.50 | 13.60 | 17.80 | 19.00 |
| 27   | 13.00 | 14.10 | 18.30 | 19.50 |
| 28   | 13.50 | 14.60 | 18.80 | 20.00 |
| 29   | 14.00 | 15.10 | 19.30 | 20.50 |
| 30   | 14.50 | 15.60 | 19.80 | 21.00 |
| 31   | 15.00 | 16.10 | 20.30 | 21.50 |
| 32   | 15.50 | 16.60 | 20.80 | 22.00 |
| 33   | 16.00 | 17.10 | 21.30 | 22.50 |
| 34   | 16.50 | 17.60 | 21.80 | 23.00 |
| 35   | 17.00 | 18.10 | 22.30 | 23.50 |
| 36   | 17.50 | 18.60 | 22.80 | 24.00 |
| 37   | 18.00 | 19.10 | 23.30 | 24.50 |
| 38   | 18.50 | 19.60 | 23.80 | 25.00 |
| 39   | 19.00 | 20.10 | 24.30 | 25.50 |
| 40   | 19.50 | 20.60 | 24.80 | 26.00 |
| 41   | 20.00 | 21.10 | 25.30 | 26.50 |
| 42   | 20.50 | 21.60 | 25.80 | 27.00 |
| 43   | 21.00 | 22.10 | 26.30 | 27.50 |
| 44   | 21.50 | 22.60 | 26.80 | 28.00 |
| 45   | 22.00 | 23.10 | 27.30 | 28.50 |
| 46   | 22.50 | 23.60 | 27.80 | 29.00 |
| 47   | 23.00 | 24.10 | 28.30 | 29.50 |
| 48   | 23.50 | 24.60 | 28.80 | 30.00 |
| 49   | 24.00 | 25.10 | 29.30 | 30.50 |
| 50   | 24.50 | 25.60 | 29.80 | 31.00 |
| 51   | 25.00 | 26.10 | 30.30 | 31.50 |
| 52   | 25.50 | 26.60 | 30.80 | 32.00 |
| 53   | 26.00 | 27.10 | 31.30 | 32.50 |
| 54   | 26.50 | 27.60 | 31.80 | 33.00 |
| 55   | 27.00 | 28.10 | 32.30 | 33.50 |
| 56   | 27.50 | 28.60 | 32.80 | 34.00 |
| 57   | 28.00 | 29.10 | 33.30 | 34.50 |
| 58   | 28.50 | 29.60 | 33.80 | 35.00 |
| 59   | 29.00 | 30.10 | 34.30 | 35.50 |
| 60   | 29.50 | 30.60 | 34.80 | 36.00 |



RECOMMENDED P.C.B PATTERN LAYOUT



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PDWG.NO: 0407-1



深圳市步步精科技有限公司

.X: ±0.38  
.XX: ±0.25  
.XXX: ±0.13

.X': ±3'  
.X': ±2'  
.XX': ±1'

NAME:  
FPC 0.5-4P 抽拉上接 H=1.2 编带 (AFC04)

APPD. JM\_Zheng

CHKD. LYX

DR. SGF

PJ. NO.: 130-224-040001-W3G

SIZE: A4 DRW NO.:

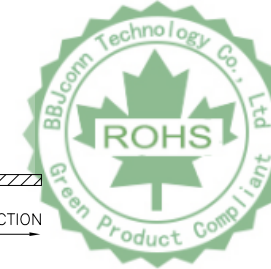
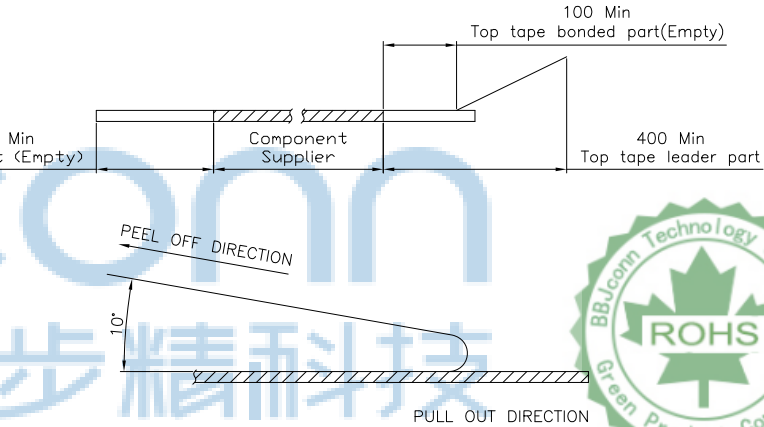
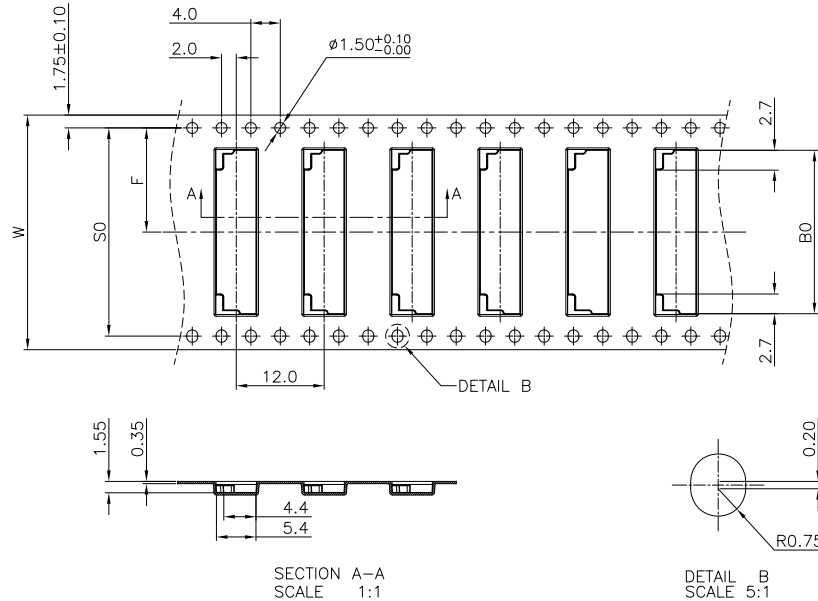
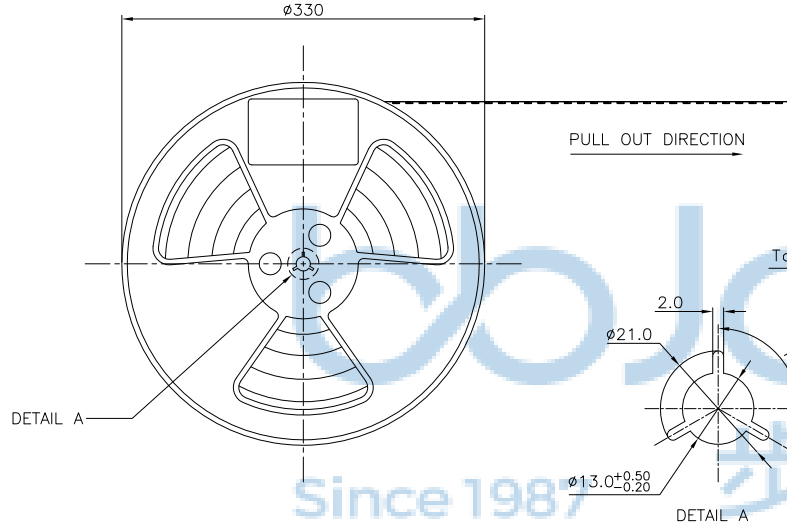
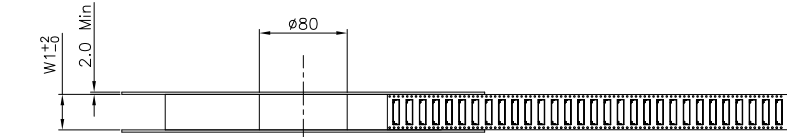
FINISH: SEE NOTES MAT'L.: SEE NOTES  
SCALE: N/A REV.: A0 UNIT: mm PAGE: 1/2

| REV. | ECN NO | CONTENT         | DATE | ENGINEER |
|------|--------|-----------------|------|----------|
| A0   |        | Initial release | /    | SGF      |

# NOTES:

1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE.  $\pm 0.20\text{mm}$
2. CARRIER CAMBER NOT TO EXCEED 1mm IN 250mm.
3. ALL DIMENSIONS MEET EIA-481-C REQUIREMENTS.
4. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
5. THICKNESS:  $0.35 \pm 0.05 \text{ mm}$ .
6. PACKING LENGTH PER 13" REEL : 24.60METERS.
7. COMPONENT LOAD PER 13" REEL : 2000PCS.
8. PEELING OFF FORCE OF TOP TAPE  $0.1\text{N} \sim 0.7\text{N}$  ( $10.2\text{gf} \sim 71.4\text{gf}$ ).

| CKTS | B0 $\pm 0.10$ | W               | W1   | F               | S0 $\pm 0.10$ |
|------|---------------|-----------------|------|-----------------|---------------|
| 4    | 8.30          | 16 $\pm 0.3/-0$ | 16.4 | 7.5 $\pm 0.10$  | 单边孔           |
| 5    | 8.80          |                 |      |                 |               |
| 6    | 9.30          |                 |      |                 |               |
| 7    | 9.80          |                 |      |                 |               |
| 8    | 10.30         |                 |      |                 |               |
| 9    | 10.80         |                 |      |                 |               |
| 10   | 11.30         |                 |      |                 |               |
| 11   | 11.80         |                 |      |                 |               |
| 12   | 12.30         |                 |      |                 |               |
| 13   | 12.80         |                 |      |                 |               |
| 14   | 13.30         | 24 $\pm 0.3/-0$ | 24.4 | 11.5 $\pm 0.10$ |               |
| 15   | 13.80         |                 |      |                 |               |
| 16   | 14.30         |                 |      |                 |               |
| 17   | 14.80         |                 |      |                 |               |
| 18   | 15.30         |                 |      |                 |               |
| 19   | 15.80         |                 |      |                 |               |
| 20   | 16.30         |                 |      |                 |               |
| 21   | 16.80         |                 |      |                 |               |
| 22   | 17.30         |                 |      |                 |               |
| 23   | 17.80         |                 |      |                 |               |
| 24   | 18.30         | 32 $\pm 0.30$   | 32.4 | 14.2 $\pm 0.10$ | 28.4          |
| 25   | 18.80         |                 |      |                 |               |
| 26   | 19.30         |                 |      |                 |               |
| 27   | 19.80         |                 |      |                 |               |
| 28   | 20.30         |                 |      |                 |               |
| 29   | 20.80         |                 |      |                 |               |
| 30   | 21.30         |                 |      |                 |               |
| 31   | 21.80         |                 |      |                 |               |
| 32   | 22.30         |                 |      |                 |               |
| 33   | 22.80         |                 |      |                 |               |
| 34   | 23.30         | 44 $\pm 0.30$   | 44.4 | 20.2 $\pm 0.15$ | 40.4          |
| 35   | 23.80         |                 |      |                 |               |
| 36   | 24.30         |                 |      |                 |               |
| 37   | 24.80         |                 |      |                 |               |
| 38   | 25.30         |                 |      |                 |               |
| 39   | 25.80         |                 |      |                 |               |
| 40   | 26.30         |                 |      |                 |               |
| 41   | 26.80         |                 |      |                 |               |
| 42   | 27.30         |                 |      |                 |               |
| 43   | 27.80         |                 |      |                 |               |
| 44   | 28.30         | 56 $\pm 0.30$   | 56.4 | 26.2 $\pm 0.15$ | 52.4          |
| 45   | 28.80         |                 |      |                 |               |
| 46   | 29.30         |                 |      |                 |               |
| 47   | 29.80         |                 |      |                 |               |
| 48   | 30.30         |                 |      |                 |               |
| 49   | 30.80         |                 |      |                 |               |
| 50   | 31.30         |                 |      |                 |               |
| 51   | 31.80         |                 |      |                 |               |
| 52   | 32.30         |                 |      |                 |               |
| 53   | 32.80         |                 |      |                 |               |
| 54   | 33.30         |                 |      |                 |               |
| 55   | 33.80         |                 |      |                 |               |
| 56   | 34.30         |                 |      |                 |               |
| 57   | 34.80         |                 |      |                 |               |
| 58   | 35.30         |                 |      |                 |               |
| 59   | 35.80         |                 |      |                 |               |
| 60   | 36.30         |                 |      |                 |               |



|                                                                                                                                                             |  |                                                 |  |                                        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------|--|----------------------------------------|--|--|--|
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| .X: $\pm 0.38$<br>.XX: $\pm 0.25$<br>.XXX: $\pm 0.13$                                                                                                       |  | X': $\pm 3'$<br>X'': $\pm 2'$<br>X'X': $\pm 1'$ |  | NAME: FPC 0.5-4P 抽拉上接 H=1.2 编带 (AFC04) |  |  |  |
| APPD. JM_Zheng                                                                                                                                              |  | CHKD. LYX                                       |  | PJ. NO.: 130-224-040001-W3G            |  |  |  |
| DR. SGF                                                                                                                                                     |  | PDWG.NO: 0407-1                                 |  | SIZE: A4 DRW NO.:                      |  |  |  |
|                                                                                                                                                             |  |                                                 |  | FINISH: SEE NOTES MAT'L.: SEE NOTES    |  |  |  |
|                                                                                                                                                             |  |                                                 |  | SCALE: N/A REV.: A0 UNIT: mm PAGE: 2/2 |  |  |  |