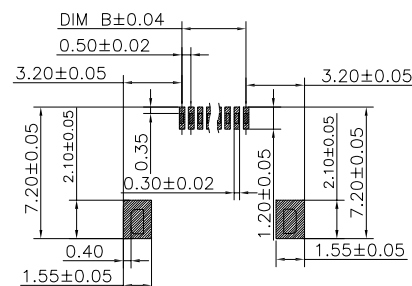
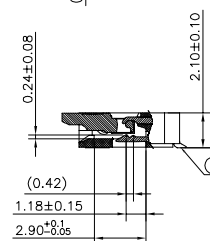
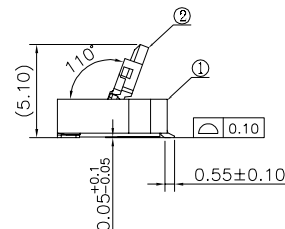
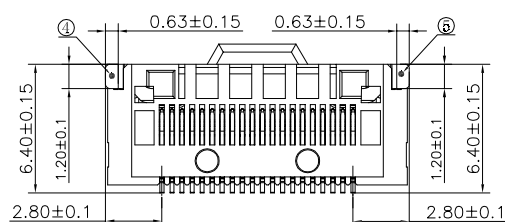
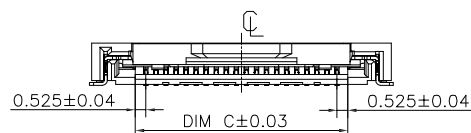
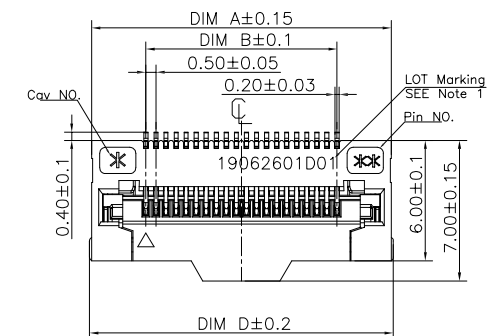




| REV: | ECN. NO. | NAME  | DATE       |
|------|----------|-------|------------|
| A0   | ----     | ----- | 04-29-2026 |
|      |          |       |            |

NOTES:  
MATERIAL:  
INSULATOR:LCP PLASTIC,UL 94V-0 COLOR:NATURE  
COVER:THERMO-PLASTIC COLOR:BLACK  
THRMINAL:PHOSPHOR COPPER  
CONTACT:COPPER ALLOY  
SPECIFICATION:  
CURRENT RATING:0.5A 50V AC/DC  
CUNTACT RESISTANCE:30mΩMAX  
INSULATION RESISTANCE:100MΩMIN AT 500V DC  
OPERATING TEMPERATURE RANGE:-40℃ TO +85℃  
WITHSTANDING VOLTANG:500V AC/minute

NOTES 1(Lot No):19 06 26 01 01 D  
Year of manufacturing(年) 19:2019 Year,20:2020 year  
Month of manufacturing(月)  
Date of manufacturing(日)  
Reel Number(盘号)  
Assembly machine no.(装配机台号)  
Time of manufacturing(班别)  
D:Daytime(白班), N:Night(夜班)



P.C.B Layout

| PIN NO. | DIM A | DIM B | DIM C | DIM D |
|---------|-------|-------|-------|-------|
| 10      | 9.90  | 4.50  | 5.55  | 10.10 |
| 12      | 10.90 | 5.50  | 6.55  | 11.10 |
| 15      | 12.40 | 7.00  | 8.05  | 12.60 |
| 18      | 13.90 | 8.50  | 9.55  | 14.10 |
| 20      | 14.90 | 9.50  | 10.55 | 15.10 |
| 24      | 16.90 | 11.50 | 12.55 | 17.10 |
| 30      | 19.90 | 14.50 | 15.55 | 20.10 |

| MILLIMETERS | INCH        |
|-------------|-------------|
| X.° ±1°     | X.° ±2°     |
| .X ±0.20    | .X ±0.008   |
| .XX ±0.15   | .XX ±0.006  |
| .XXX ±0.10  | .XXX ±0.004 |



FOR YOUR  
VITAL CONNECTION

TITLE:

ZIF FPC 0.50PITCH  
2.1HIGH,12Pin,ASSEMBLY

PART NO:

F05057FA012M1WLJ9

SHEET:

1 OF 3

REV: A0

DWG NO:

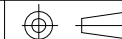
VTC-TZ-J9-040

SIZE: A4

UNIT:mm

FCN: J9

PROJECTION:



<http://www.vitalconn.com>

|    |      |    |                             |            |     |
|----|------|----|-----------------------------|------------|-----|
| 5  | 右接地片 | 1  | COPPER ALLOY                | 雾锡80~160U" | 冲压件 |
| 4  | 左接地片 | 1  | COPPER ALLOY                | 雾锡80~160U" | 冲压件 |
| 3  | 端子   | ** | PHOSPHOR COPPER             | 半金锡1U"Min  | 冲压件 |
| 2  | 掀盖   | 1  | GLASS FILLED THERMO-PLASTIC | 黑色         | 成型件 |
| 1  | 塑胶主体 | 1  | GLASS FILLED THERMO-PLASTIC | 白色         | 成型件 |
| 项次 | 名称   | 数量 | 材质                          | 电镀(或颜色)    | 备注  |

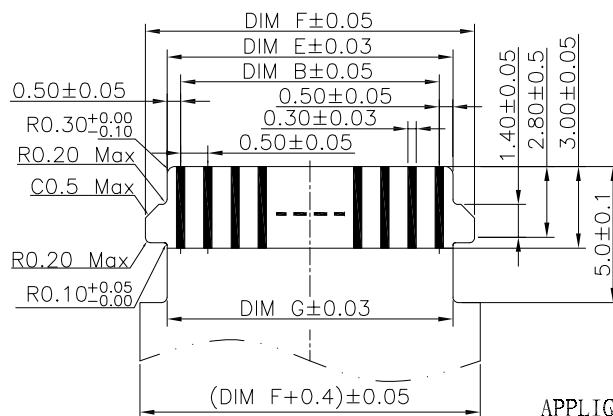
For technical support, please send an email to [support@vitalconn.com](mailto:support@vitalconn.com)

APPROVED BY:

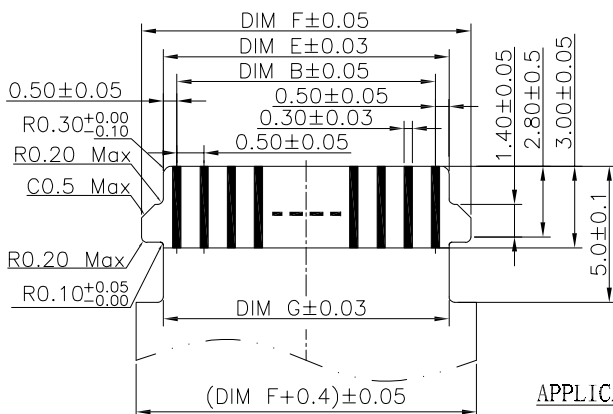
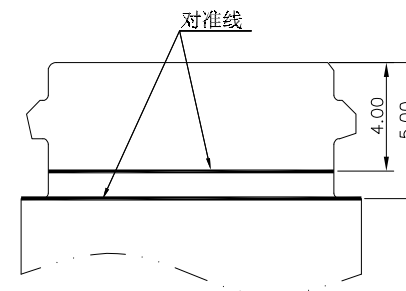
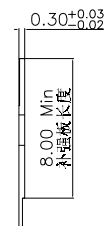
QPF



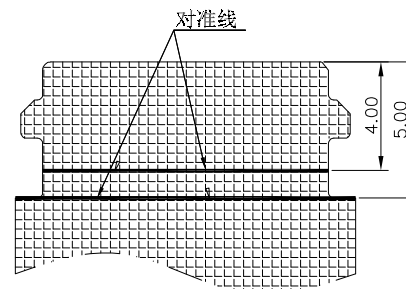
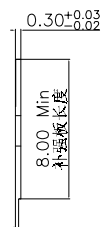
| REV: | ECN. NO. | NAME  | DATE       |
|------|----------|-------|------------|
| A0   | ----     | ----- | 04-29-2026 |
|      |          |       |            |



APPLICABLE FPC RECOMMENDED DIMENSION  
蓝白裸线(不接地)



APPLICABLE FPC RECOMMENDED DIMENSION  
一体补强板铝箔FFC线



| PIN NO. | DIM B | DIM E | DIM F | DIM G |
|---------|-------|-------|-------|-------|
| 10      | 4.50  | 5.50  | 7.10  | 5.50  |
| 12      | 5.50  | 6.50  | 8.10  | 6.50  |
| 15      | 7.00  | 8.00  | 9.60  | 8.00  |
| 18      | 8.50  | 9.50  | 11.10 | 9.50  |
| 20      | 9.50  | 10.50 | 12.10 | 10.50 |
| 24      | 11.50 | 12.50 | 14.10 | 12.50 |
| 30      | 14.50 | 15.50 | 17.10 | 15.50 |

| MILLIMETERS | INCH        |
|-------------|-------------|
| X.° ±1°     | X.° ±2°     |
| .X ±0.20    | .X ±0.008   |
| .XX ±0.15   | .XX ±0.006  |
| .XXX ±0.10  | .XXX ±0.004 |



FOR YOUR  
VITAL CONNECTION

TITLE:

ZIF FPC 0.50PITCH  
2.1HIGH,12Pin,ASSEMBLY

DRAWN BY:

Zou Long

PART NO:

F05057FA012M1WLJ9

SHEET:

2 OF 3

REV: A0

CHECKED BY:

Bob

DWG NO:

VTC-TZ-J9-040

SIZE: A4

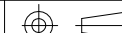
UNIT:mm

FCN: J9

APPROVED BY:

QPF

PROJECTION:



<http://www.vitalconn.com>

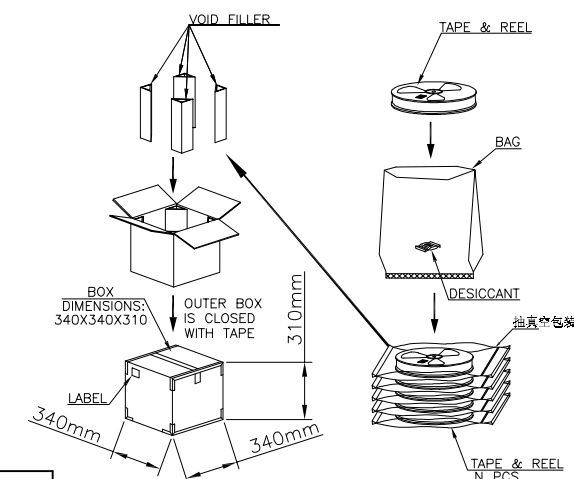
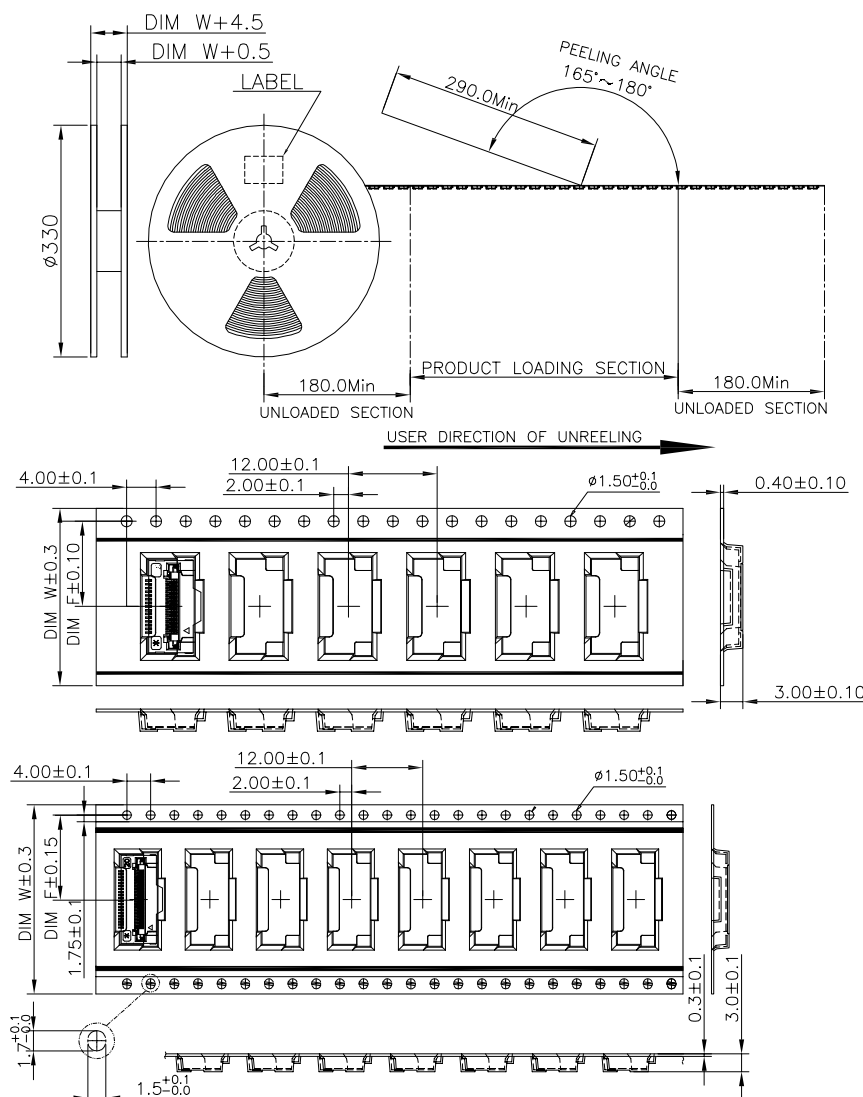
For technical support, please send an email to [support@vitalconn.com](mailto:support@vitalconn.com)



| REV: | ECN. NO. | NAME  | DATE       |
|------|----------|-------|------------|
| A0   | ----     | ----- | 04-29-2026 |
|      |          |       |            |

#### NOTES:

- \*Reel Material:Polystyrenes,Blue color
- \*Carrier Material:Colir Nature,Conductive Polystyrene Alloy
- \*Cover Tape Material:Polyester
- \*Cover Tape Peel Strength:0.1N~1.3N
- \*Carrier cambeer is Within 1mm in 300mm
- \*All dimensions meet EIA-481-C requirements.
- \*Quantity:2000 PCS/Reel



| PIN NO. | PCS/REEL | PCS/BOX | DIM W | DIM F |
|---------|----------|---------|-------|-------|
| 10      | 2000     | 20000   | 24    | 11.5  |
| 12      | 2000     | 20000   | 24    | 11.5  |
| 15      | 2000     | 20000   | 24    | 11.5  |
| 18      | 2000     | 16000   | 32    | 14.2  |
| 20      | 2000     | 16000   | 32    | 14.2  |
| 24      | 2000     | 16000   | 32    | 14.2  |
| 30      | 2000     | 16000   | 32    | 14.2  |

| MILLIMETERS         | INCH                |
|---------------------|---------------------|
| X.° $\pm 1^{\circ}$ | X.° $\pm 2^{\circ}$ |
| .X $\pm 0.20$       | .X $\pm 0.008$      |
| .XX $\pm 0.15$      | .XX $\pm 0.006$     |
| .XXX $\pm 0.10$     | .XXX $\pm 0.004$    |

**VITALCON**  
a vital connector company

FOR YOUR  
VITAL CONNECTION

TITLE:

ZIF FPC 0.50PITCH  
2.1HIGH,12Pin,ASSEMBLY

DRAWN BY: Zou Long

PART NO: F05057FA012M1WLJ9

SHEET: 3 OF 3 REV: A0

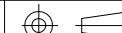
CHECKED BY: Bob

DWG NO: VTC-TZ-J9-040

SIZE: A4 UNIT:mm FCN: J9

APPROVED BY: QPF

PROJECTION:



<http://www.vitalconn.com>

For technical support, please send an email to [support@vitalconn.com](mailto:support@vitalconn.com)