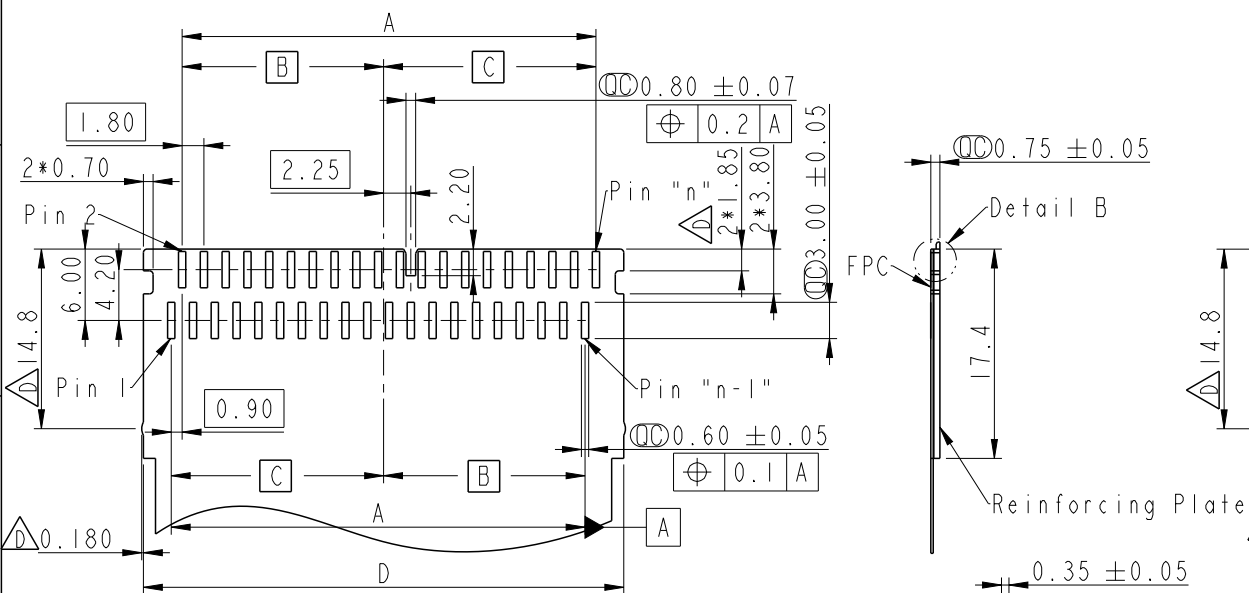




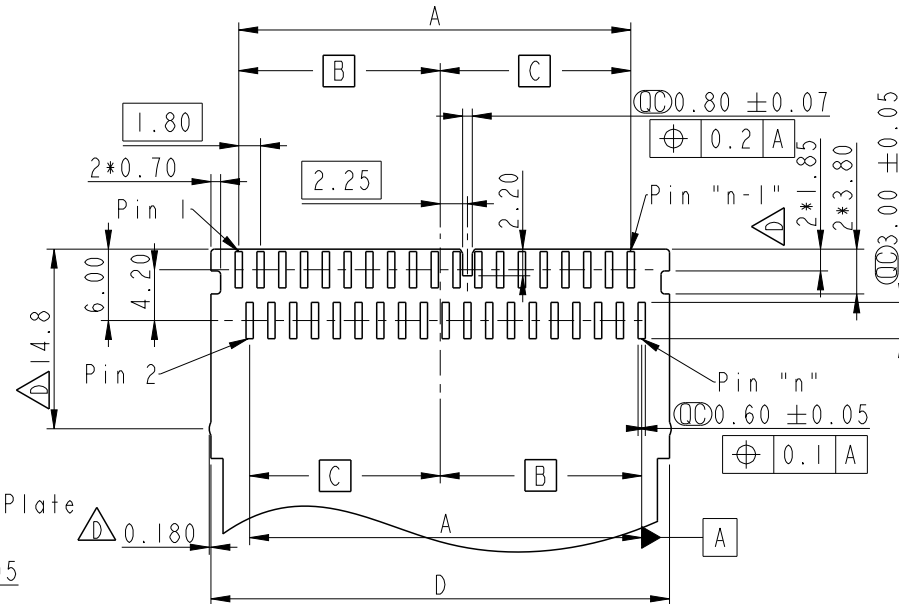
Flexible Printed Circuit  
Pitch 0.9mm

Recommend Optional

Gold finger  
above flat surface

Detail: B

RECOMMENDED FPC LAYOUT



RECOMMENDED FPC LAYOUT

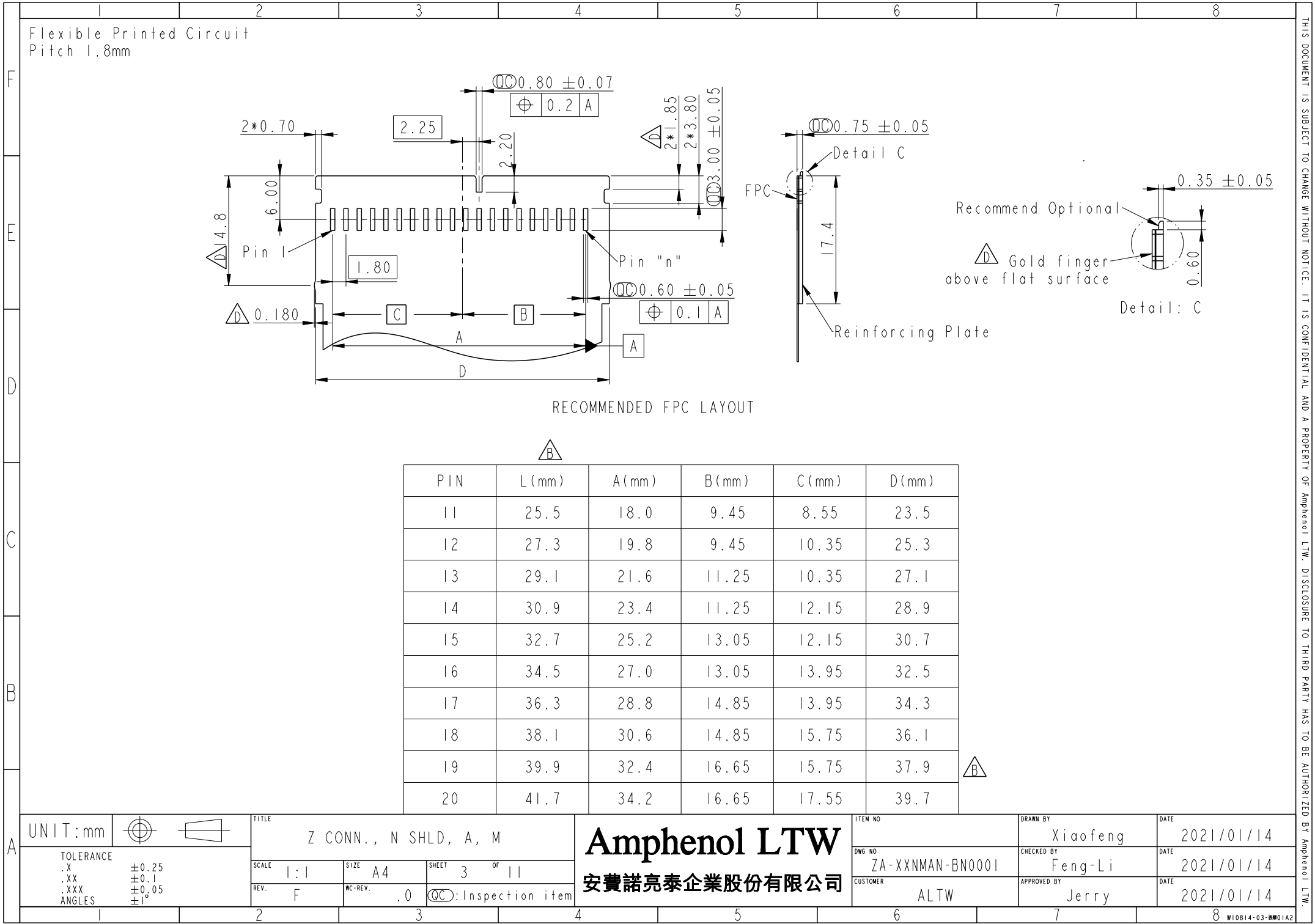
| $\Delta$ |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|
| PIN      | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) |
| 24       | 27.3   | 19.8   | 9.45   | 10.35  | 25.3   |
| 28       | 30.9   | 23.4   | 11.25  | 12.15  | 28.9   |
| 32       | 34.5   | 27.0   | 13.05  | 13.95  | 32.5   |
| 36       | 38.1   | 30.6   | 14.85  | 15.75  | 36.1   |
| 40       | 41.7   | 34.2   | 16.65  | 17.55  | 39.7   |

| $\Delta$ |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|
| PIN      | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) |
| 22       | 25.5   | 18.0   | 9.45   | 8.55   | 23.5   |
| 26       | 29.1   | 21.6   | 11.25  | 10.35  | 27.1   |
| 30       | 32.7   | 25.2   | 13.05  | 12.15  | 30.7   |
| 34       | 36.3   | 28.8   | 14.85  | 13.95  | 34.3   |
| 38       | 39.9   | 32.4   | 16.65  | 15.75  | 37.9   |

|            |  |                                |         |       |                     |
|------------|--|--------------------------------|---------|-------|---------------------|
| UNIT: mm   |  | TITLE<br>Z CONN., N SHLD, A, M |         |       |                     |
| TOLERANCE  |  | SCALE                          | SIZE    | SHEET | OF                  |
| .X ±0.25   |  | 1:1                            | A4      | 2     | 11                  |
| .XX ±0.1   |  | REV.                           | WC-REV. | 0     | QC: Inspection item |
| .XXX ±0.05 |  |                                |         |       |                     |
| ANGLES ±1° |  |                                |         |       |                     |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

|          |  |          |  |            |  |
|----------|--|----------|--|------------|--|
| ITEM NO  |  | DRAWN BY |  | DATE       |  |
| DWG NO   |  | Xiaofeng |  | 2021/01/11 |  |
| CUSTOMER |  | Feng-Li  |  | DATE       |  |
| ALTW     |  | Jerry    |  | 2021/01/11 |  |



Flexible Printed Circuit  
Pitch 2.7mm

F

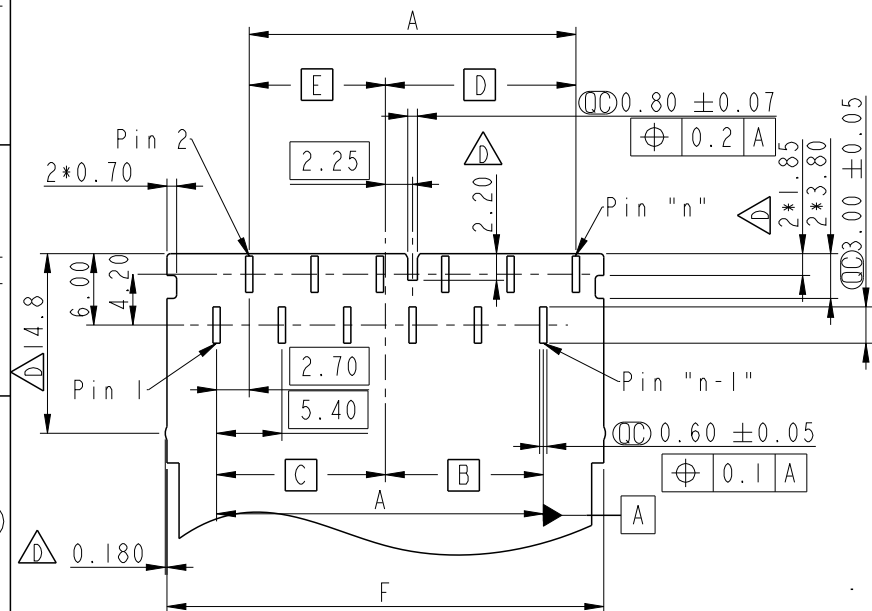
E

D

C

B

A

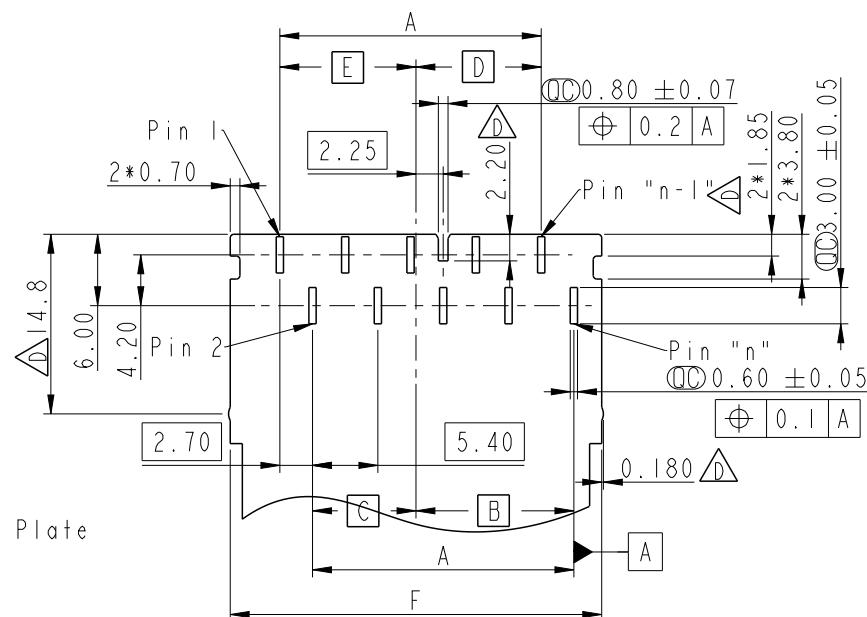
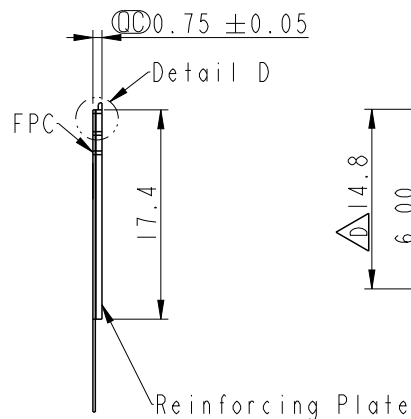


RECOMMENDED FPC LAYOUT

Recommend Optional

Gold finger  
above flat surface

Detail: D

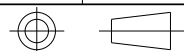


RECOMMENDED FPC LAYOUT

| PIN | L (mm) | F (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) |
|-----|--------|--------|--------|--------|--------|--------|--------|
| 8   | 27.3   | 25.3   | 16.2   | 7.65   | 8.55   | 10.35  | 5.85   |
| 12  | 38.1   | 36.1   | 27.0   | 13.05  | 13.95  | 15.75  | 11.25  |

| PIN | L (mm) | F (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) |
|-----|--------|--------|--------|--------|--------|--------|--------|
| 10  | 32.7   | 30.7   | 21.6   | 13.05  | 8.55   | 10.35  | 11.25  |

UNIT: mm

TOLERANCE  
.X ±0.25  
.XX ±0.1  
.XXX ±0.05  
ANGLES ±1°

TITLE

Z CONN., N SHLD, A, M

SCALE

1:1

SIZE

A4

SHEET

4

OF

11

REV.

F

WC-REV.

.0

QC

Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

CUSTOMER

ZA-XXNMAN-BN0001

ALTW

DRAWN BY

Xiaofeng

CHECKED BY

Feng-Li

APPROVED BY

Jerry

DATE

2021/01/14

DATE

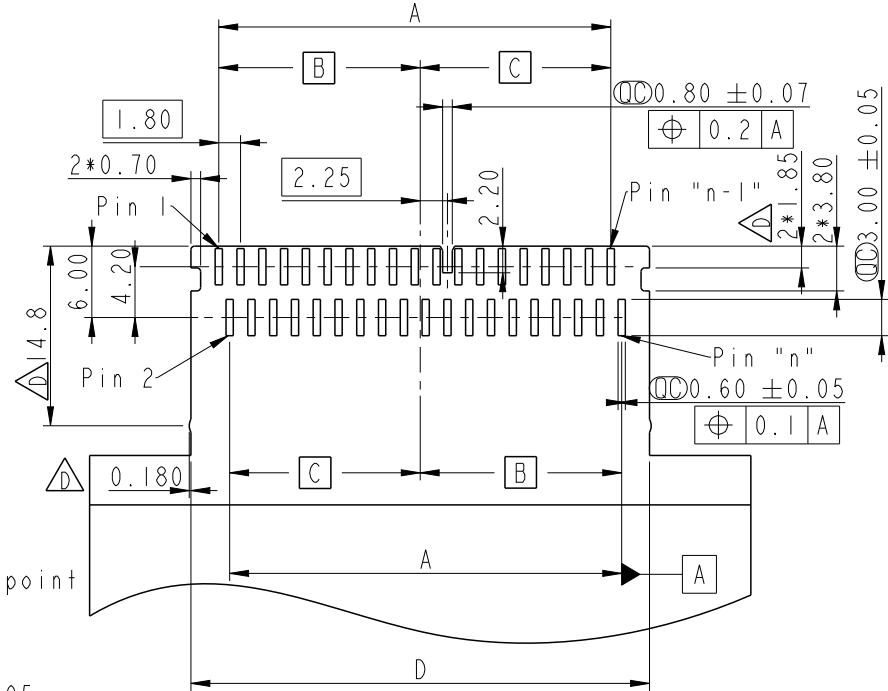
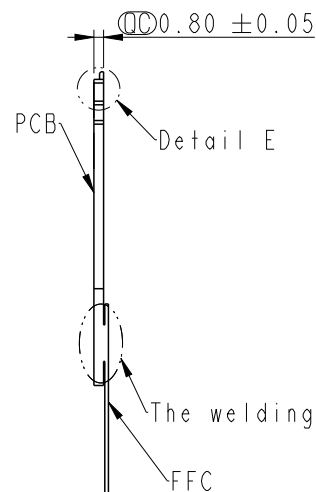
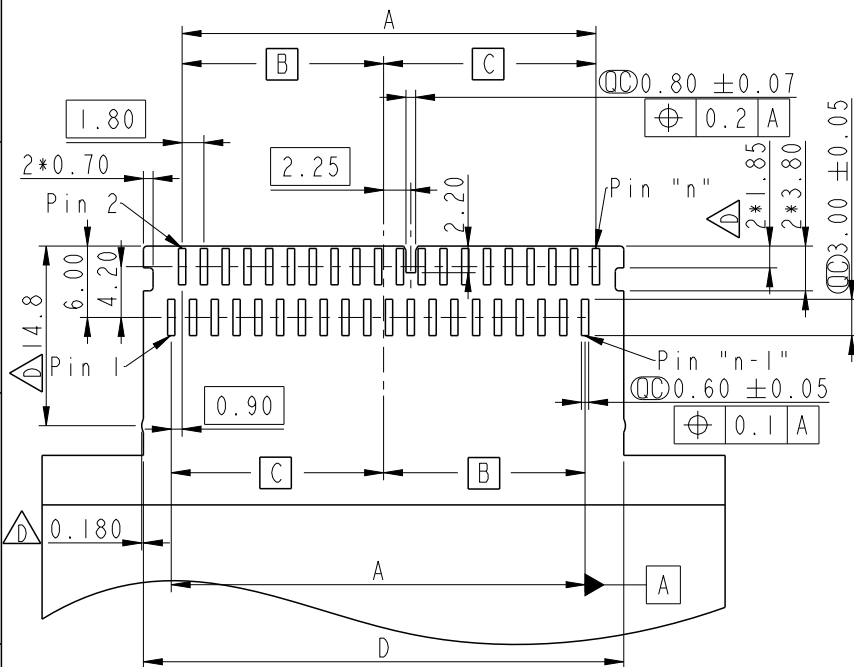
2021/01/14

DATE

2021/01/14

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Flexible Flat Cables  
Pitch 0.9mm



RECOMMENDED FFC LAYOUT

RECOMMENDED FFC LAYOUT

Recommend Optional  
Detail: E  
Gold finger  
above flat surface

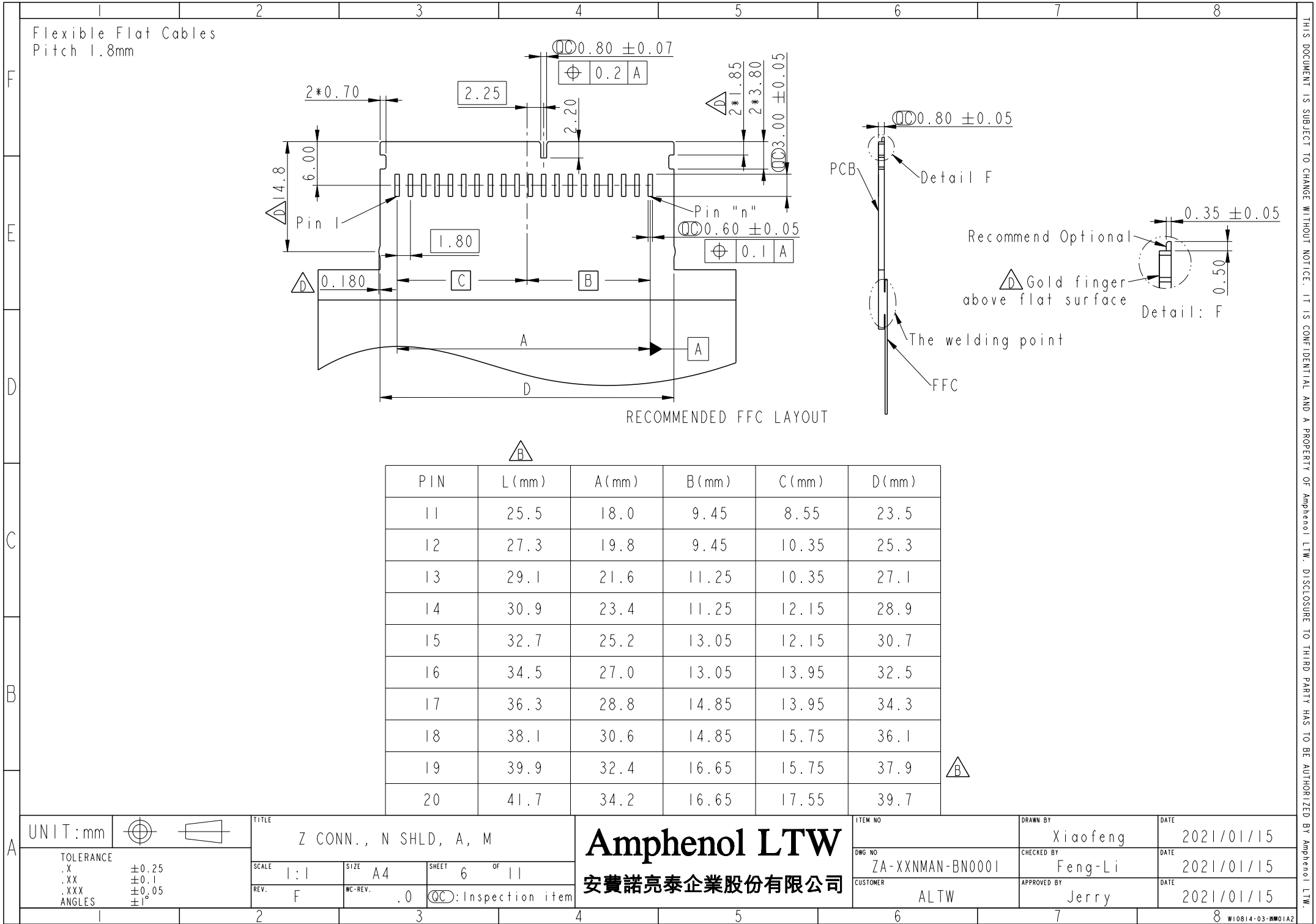
| PIN | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) |
|-----|--------|--------|--------|--------|--------|
| 24  | 27.3   | 19.8   | 9.45   | 10.35  | 25.3   |
| 28  | 30.9   | 23.4   | 11.25  | 12.15  | 28.9   |
| 32  | 34.5   | 27.0   | 13.05  | 13.95  | 32.5   |
| 36  | 38.1   | 30.6   | 14.85  | 15.75  | 36.1   |
| 40  | 41.7   | 34.2   | 16.65  | 17.55  | 39.7   |

| PIN | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) |
|-----|--------|--------|--------|--------|--------|
| 22  | 25.5   | 18.0   | 9.45   | 8.55   | 23.5   |
| 26  | 29.1   | 21.6   | 11.25  | 10.35  | 27.1   |
| 30  | 32.7   | 25.2   | 13.05  | 12.15  | 30.7   |
| 34  | 36.3   | 28.8   | 14.85  | 13.95  | 34.3   |
| 38  | 39.9   | 32.4   | 16.65  | 15.75  | 37.9   |

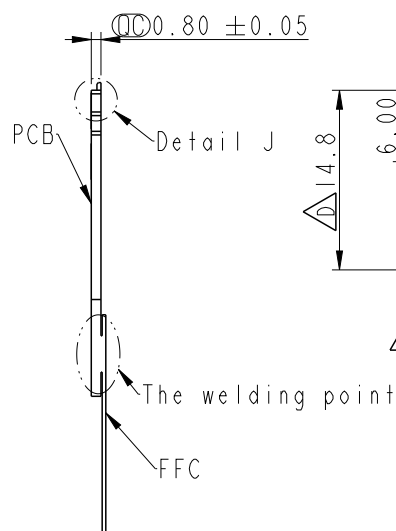
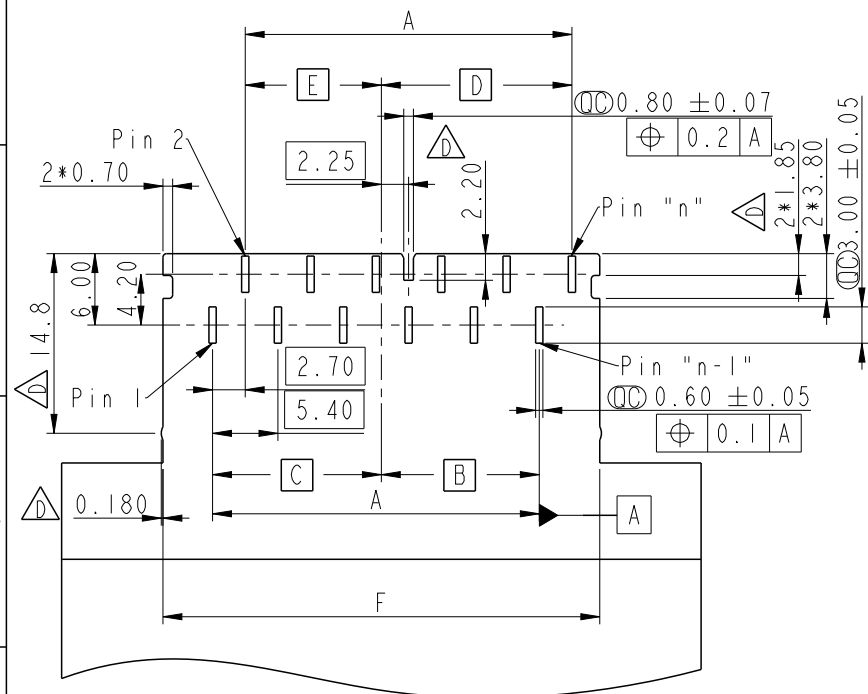
|                                                               |               |                                |
|---------------------------------------------------------------|---------------|--------------------------------|
| UNIT: mm                                                      |               | TITLE<br>Z CONN., N SHLD, A, M |
| TOLERANCE<br>.X ±0.25<br>.XX ±0.1<br>.XXX ±0.05<br>ANGLES ±1° | SCALE<br>1:1  | SIZE<br>A4                     |
|                                                               | REV.<br>F     | SHEET<br>5 OF 11               |
|                                                               | WC-REV.<br>.0 | QC: Inspection item            |

|                            |                       |                    |
|----------------------------|-----------------------|--------------------|
| ITEM NO                    | DRAWN BY<br>Xiaofeng  | DATE<br>2021/01/15 |
| DWG NO<br>ZA-XXNMAN-BN0001 | CHECKED BY<br>Feng-Li | DATE<br>2021/01/15 |
| CUSTOMER<br>ALTW           | APPROVED BY<br>Jerry  | DATE<br>2021/01/15 |

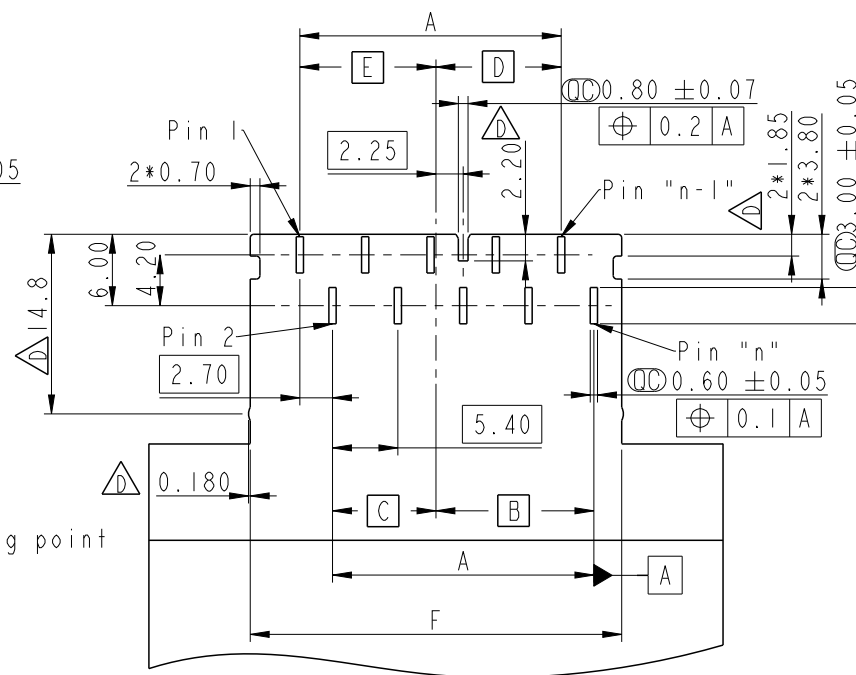
Amphenol LTW  
安費諾亮泰企業股份有限公司



Flexible Flat Cables  
Pitch 2.7mm



RECOMMENDED FFC LAYOUT



RECOMMENDED FFC LAYOUT

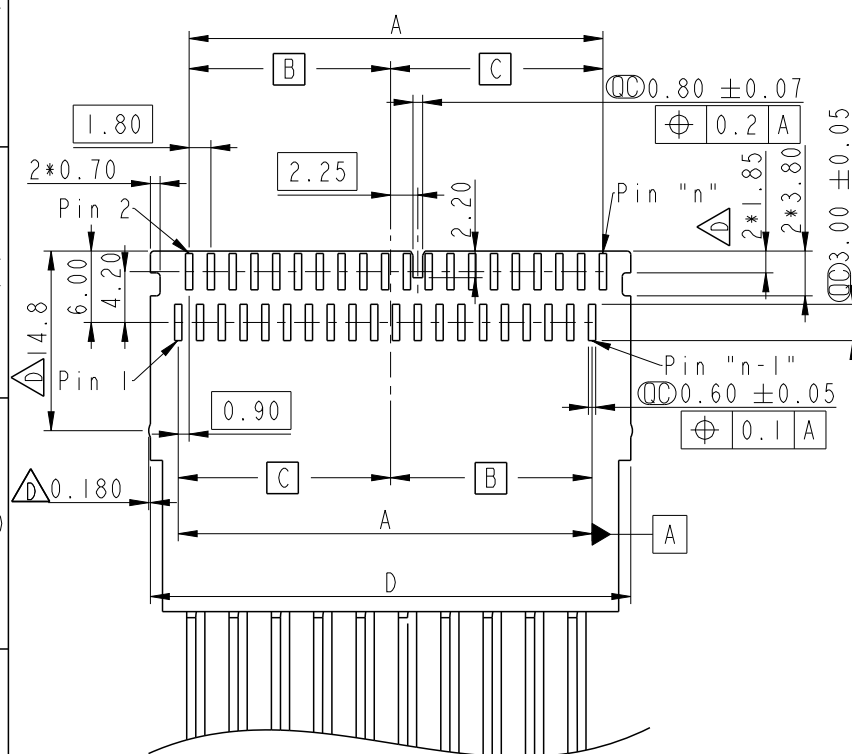
| PIN    |      |      |      |       |       |       |       |
|--------|------|------|------|-------|-------|-------|-------|
| L (mm) |      |      |      |       |       |       |       |
| F (mm) |      |      |      |       |       |       |       |
| A (mm) |      |      |      |       |       |       |       |
| B (mm) |      |      |      |       |       |       |       |
| C (mm) |      |      |      |       |       |       |       |
| D (mm) |      |      |      |       |       |       |       |
| E (mm) |      |      |      |       |       |       |       |
| 8      | 27.3 | 25.3 | 16.2 | 7.65  | 8.55  | 10.35 | 5.85  |
| 12     | 38.1 | 36.1 | 27.0 | 13.05 | 13.95 | 15.75 | 11.25 |

| PIN    |      |      |      |       |      |       |       |
|--------|------|------|------|-------|------|-------|-------|
| L (mm) |      |      |      |       |      |       |       |
| F (mm) |      |      |      |       |      |       |       |
| A (mm) |      |      |      |       |      |       |       |
| B (mm) |      |      |      |       |      |       |       |
| C (mm) |      |      |      |       |      |       |       |
| D (mm) |      |      |      |       |      |       |       |
| E (mm) |      |      |      |       |      |       |       |
| 10     | 32.7 | 30.7 | 21.6 | 13.05 | 8.55 | 10.35 | 11.25 |

|            |  |                                                                                     |                                |               |                     |  |
|------------|--|-------------------------------------------------------------------------------------|--------------------------------|---------------|---------------------|--|
| UNIT: mm   |  |  | TITLE<br>Z CONN., N SHLD, A, M |               |                     |  |
| TOLERANCE  |  |                                                                                     | SCALE<br>1:1                   | SIZE<br>A4    | SHEET 7 OF 11       |  |
| .X ±0.25   |  |                                                                                     | REV.<br>F                      | WC-REV.<br>.0 | QC: Inspection item |  |
| .XX ±0.1   |  |                                                                                     |                                |               |                     |  |
| .XXX ±0.05 |  |                                                                                     |                                |               |                     |  |
| ANGLES ±1° |  |                                                                                     |                                |               |                     |  |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

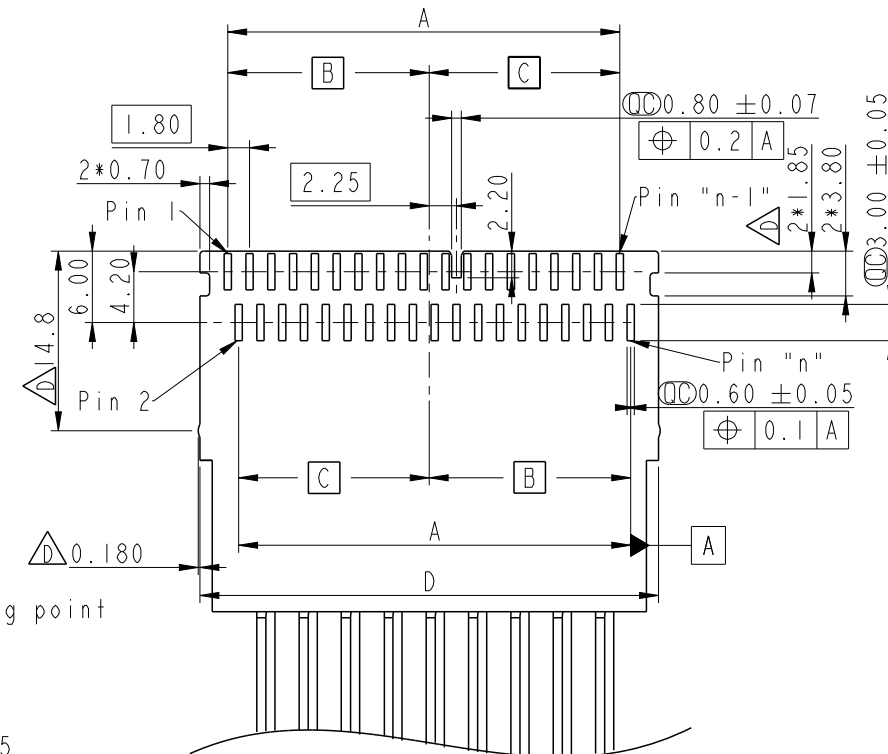
| ITEM NO  |  | DRAWN BY |  | DATE       |  |
|----------|--|----------|--|------------|--|
| DWC NO   |  | Xiaofeng |  | 2021/01/15 |  |
| CUSTOMER |  | Feng-Li  |  | 2021/01/15 |  |
| ALTW     |  | Jerry    |  | 2021/01/15 |  |

Wire to Board  
Pitch 0.9mm

RECOMMENDED WTB LAYOUT

△ Gold finger  
above flat surface

Detail: H

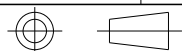


RECOMMENDED WTB LAYOUT

| PIN | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) |
|-----|--------|--------|--------|--------|--------|
| 22  | 25.5   | 18.0   | 9.45   | 8.55   | 23.5   |
| 26  | 29.1   | 21.6   | 11.25  | 10.35  | 27.1   |
| 30  | 32.7   | 25.2   | 13.05  | 12.15  | 30.7   |
| 34  | 36.3   | 28.8   | 14.85  | 13.95  | 34.3   |
| 38  | 39.9   | 32.4   | 16.65  | 15.75  | 37.9   |

| PIN | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) |
|-----|--------|--------|--------|--------|--------|
| 24  | 27.3   | 19.8   | 9.45   | 10.35  | 25.3   |
| 28  | 30.9   | 23.4   | 11.25  | 12.15  | 28.9   |
| 32  | 34.5   | 27.0   | 13.05  | 13.95  | 32.5   |
| 36  | 38.1   | 30.6   | 14.85  | 15.75  | 36.1   |
| 40  | 41.7   | 34.2   | 16.65  | 17.55  | 39.7   |

UNIT: mm



TITLE

Z CONN., N SHLD, A, M

TOLERANCE

.X ±0.25  
.XX ±0.1  
.XXX ±0.05  
ANGLES ±1°

SCALE

1:1

SIZE

A4

SHEET

8

OF

11

REV.

F

WC-REV.

.0

QC

Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

CUSTOMER

ZA-XXNMAN-BN0001

ALTW

DRAWN BY

Xiaofeng

CHECKED BY

Feng-Li

APPROVED BY

Jerry

DATE

2021/01/15

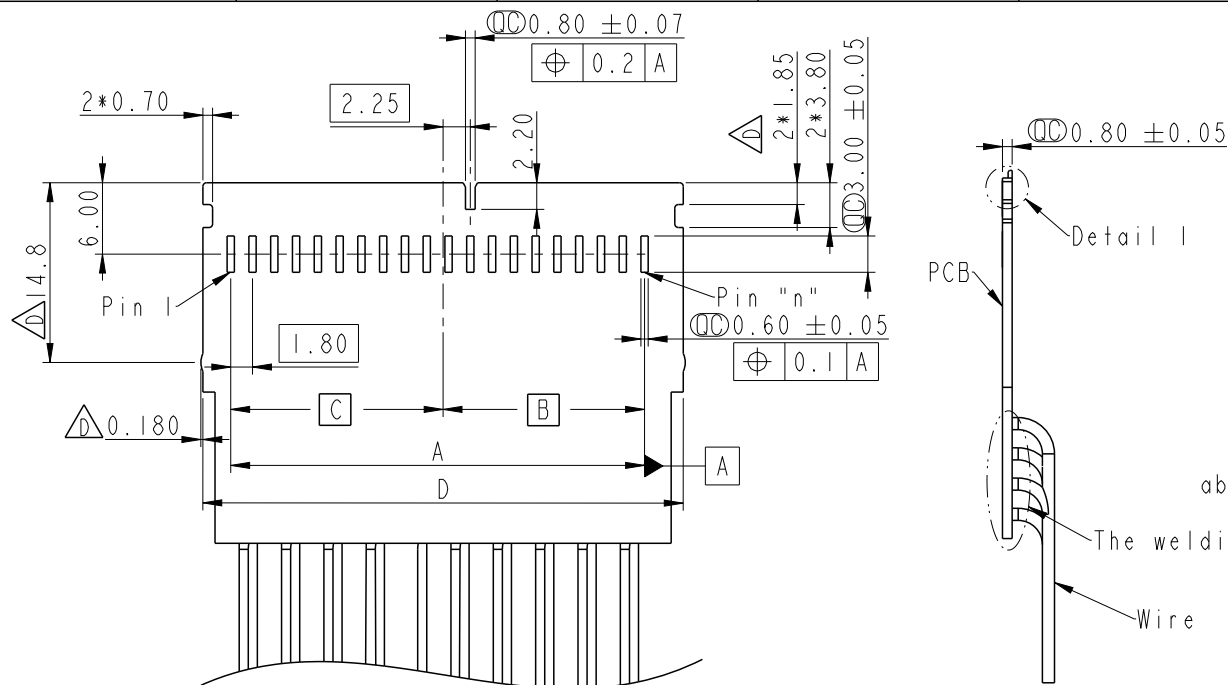
DATE

2021/01/15

DATE

2021/01/15

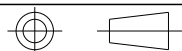
Wire to Board  
Pitch 1.8mm



RECOMMENDED WTB LAYOUT

| $\triangle B$ |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
| PIN           | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) |
| 11            | 25.5   | 18.0   | 9.45   | 8.55   | 23.5   |
| 12            | 27.3   | 19.8   | 9.45   | 10.35  | 25.3   |
| 13            | 29.1   | 21.6   | 11.25  | 10.35  | 27.1   |
| 14            | 30.9   | 23.4   | 11.25  | 12.15  | 28.9   |
| 15            | 32.7   | 25.2   | 13.05  | 12.15  | 30.7   |
| 16            | 34.5   | 27.0   | 13.05  | 13.95  | 32.5   |
| 17            | 36.3   | 28.8   | 14.85  | 13.95  | 34.3   |
| 18            | 38.1   | 30.6   | 14.85  | 15.75  | 36.1   |
| 19            | 39.9   | 32.4   | 16.65  | 15.75  | 37.9   |
| 20            | 41.7   | 34.2   | 16.65  | 17.55  | 39.7   |

UNIT: mm



TITLE

Z CONN., N SHLD, A, M

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

CUSTOMER

DRAWN BY

CHECKED BY

APPROVED BY

DATE

DATE

DATE

TOLERANCE

.X  $\pm 0.25$   
.XX  $\pm 0.1$   
.XXX  $\pm 0.05$   
ANGLES  $\pm 1^\circ$

SCALE

1:1

SIZE

A4

SHEET

9

OF

11

REV.

F

WC-REV.

.0

QC

Inspection item

ZA-XXNMAN-BN0001

ALTW

Xiaofeng

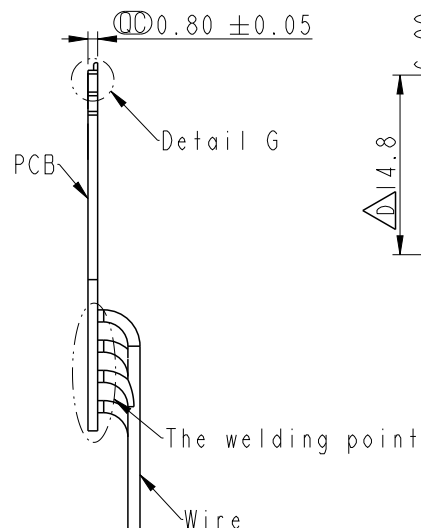
Feng-Li

Jerry

2021/01/15

2021/01/15

2021/01/15



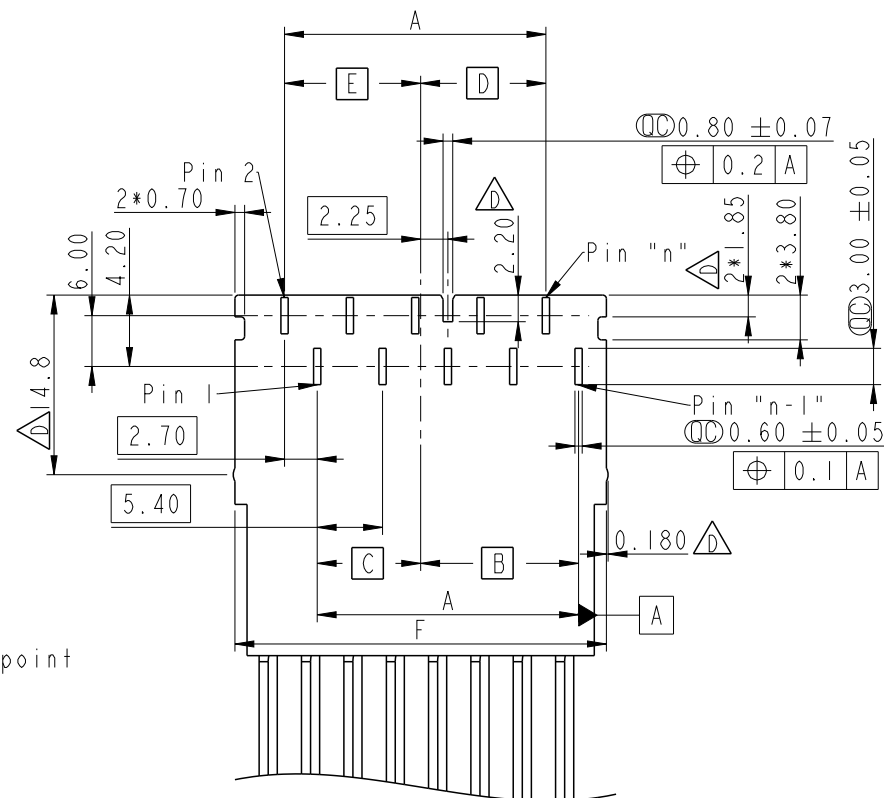
Recommend Optional

$0.35 \pm 0.05$

$0.50$

$\triangle P$  Gold finger  
above flat surface

Detail: G



## RECOMMENDED WTB LAYOUT

|  |        |        |        |        |        |        |        |
|---------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| PIN                                                                                   | L (mm) | F (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) |
| 10                                                                                    | 32.7   | 30.7   | 21.6   | 13.05  | 8.55   | 10.35  | 11.25  |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

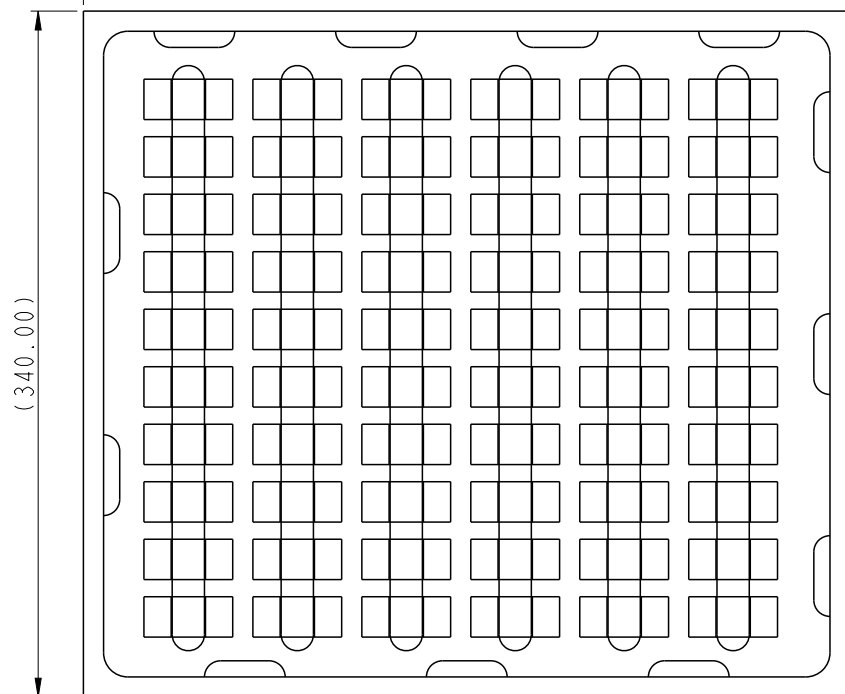
|                            |                       |                    |
|----------------------------|-----------------------|--------------------|
| ITEM NO                    | DRAWN BY<br>Xiaofeng  | DATE<br>2021/01/15 |
| DWG NO<br>ZA-XXNMAN-BN0001 | CHECKED BY<br>Feng Li | DATE<br>2021/01/15 |
| CUSTOMER<br>ALTW           | APPROVED BY<br>Jerry  | DATE<br>2021/01/15 |

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Packing:  
B  
D

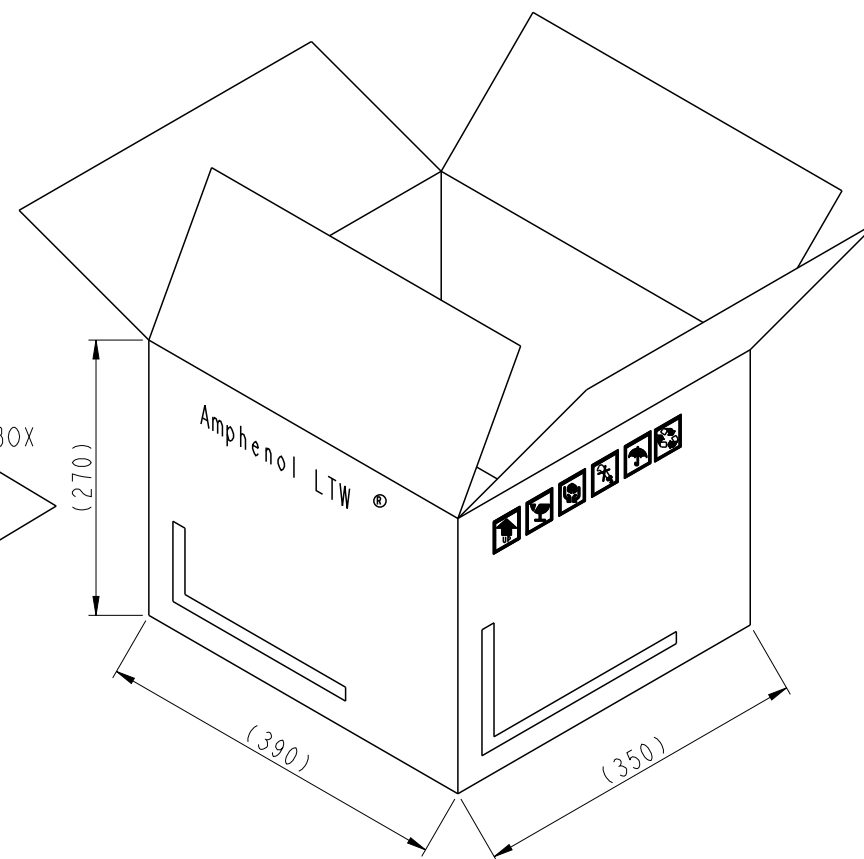
Vacuum-Cover Lower Cover

(360.00)



60 PCS/Tray

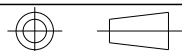
C  
20 Tray/BOX



Note:

- \* Important Dimensions To Check.
- \* Material: PET,0.6mm,CR

UNIT:mm



TITLE

Z CONN., N SHLD, A, M

**Amphenol LTW**

安費諾亮泰企業股份有限公司

ITEM NO

DRAWN BY

DATE

DWG NO

CHECKED BY

DATE

CUSTOMER

APPROVED BY

DATE

TOLERANCE  
.X  
.XX  
.XXX  
ANGLES

$\pm 0.25$   
 $\pm 0.1$   
 $\pm 0.05$   
 $\pm 1^\circ$

SCALE  
1:1  
REV. F

SIZE  
A4  
WC-REV. .0

SHEET 11 OF 11  
: Inspection item

ZA-XXNMAN-BN0001

Feng Li

2021/01/15

ALTW

Jerry

2021/01/15