

A

B

C

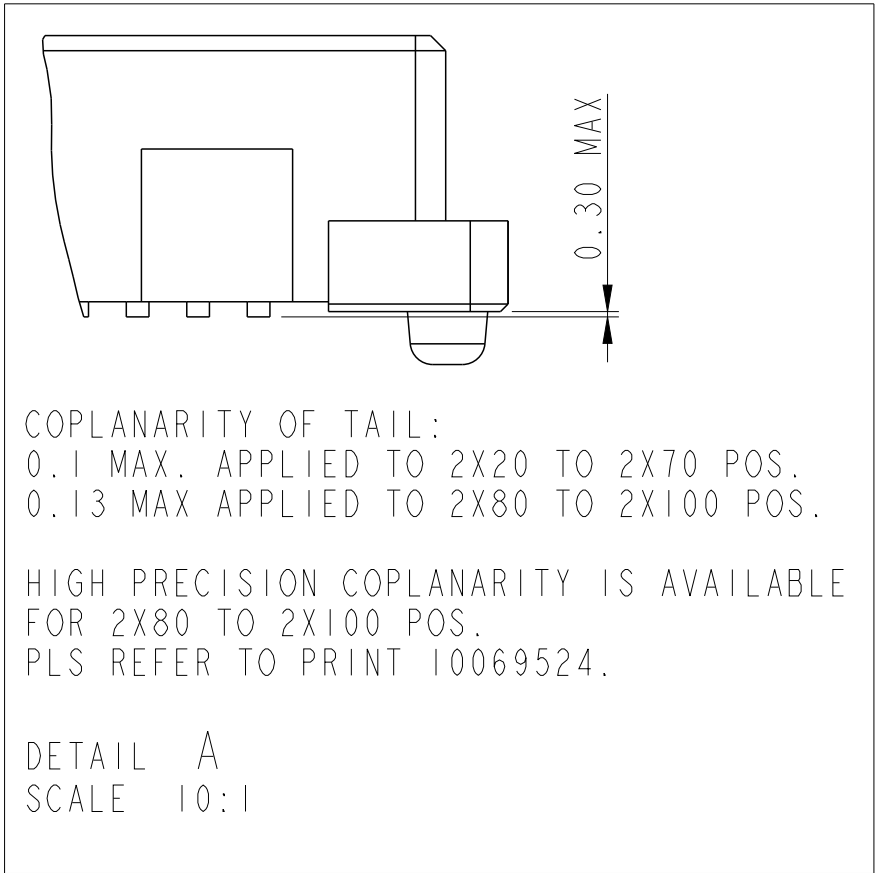
D

| PRODUCT NO.  | NUMBER OF POSITIONS | DIMENSION |      |      |
|--------------|---------------------|-----------|------|------|
|              |                     | A         | B    | C    |
| 61082-041*** | 2X20                | 15.2      | 21.8 | 20.2 |
| 61082-061*** | 2X30                | 23.2      | 29.8 | 28.2 |
| 61082-081*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 61082-101*** | 2X50                | 39.2      | 45.8 | 44.2 |
| 61082-121*** | 2X60                | 47.2      | 53.8 | 52.2 |
| 61082-141*** | 2X70                | 55.2      | 61.8 | 60.2 |
| 61082-161*** | 2X80                | 63.2      | 69.8 | 68.2 |
| 61082-181*** | 2X90                | 71.2      | 77.8 | 76.2 |
| 61082-201*** | 2X100               | 79.2      | 85.8 | 84.2 |

DATE CODE: XXXXXX

DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL F

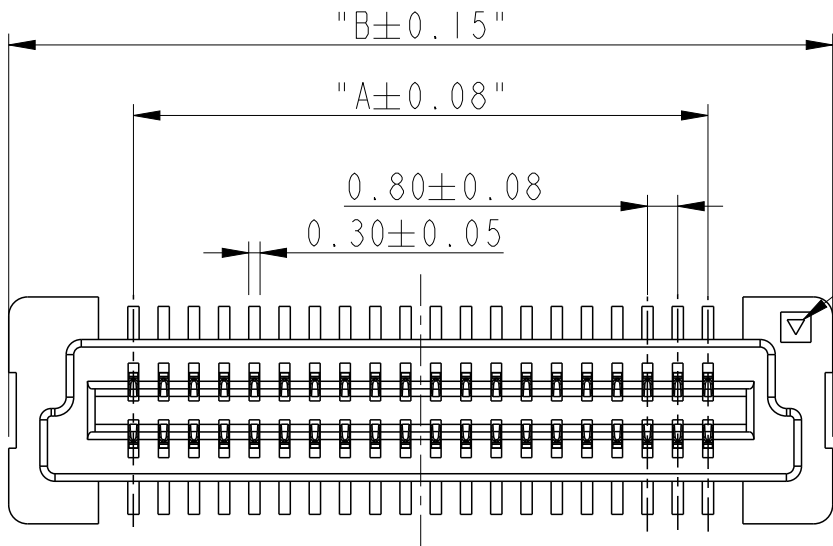


A

B

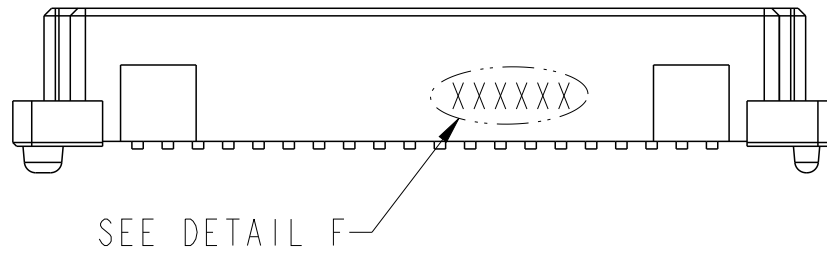
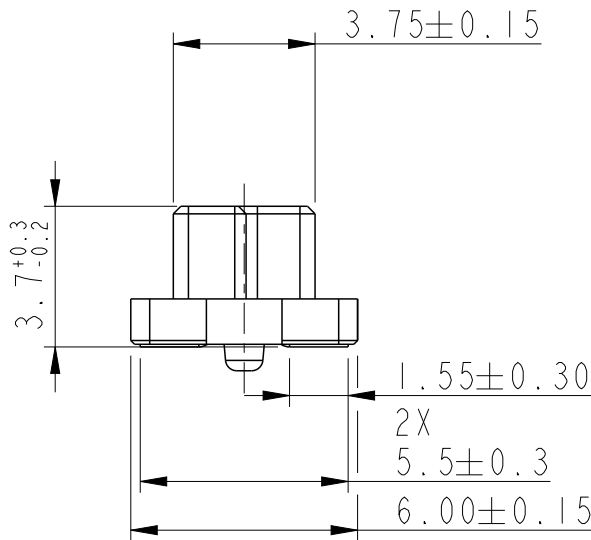
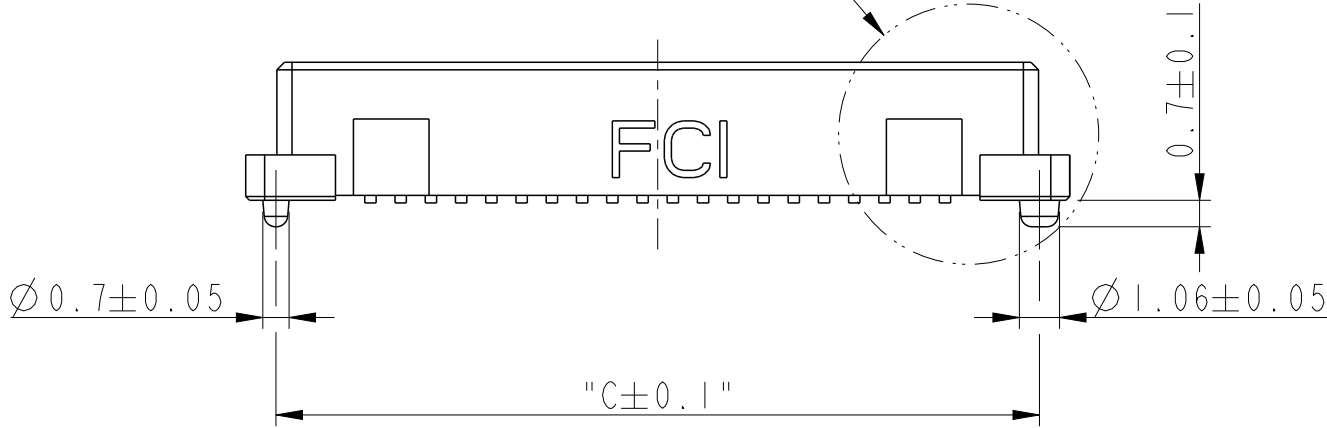
C

D



POSITION #1  
INDICATOR

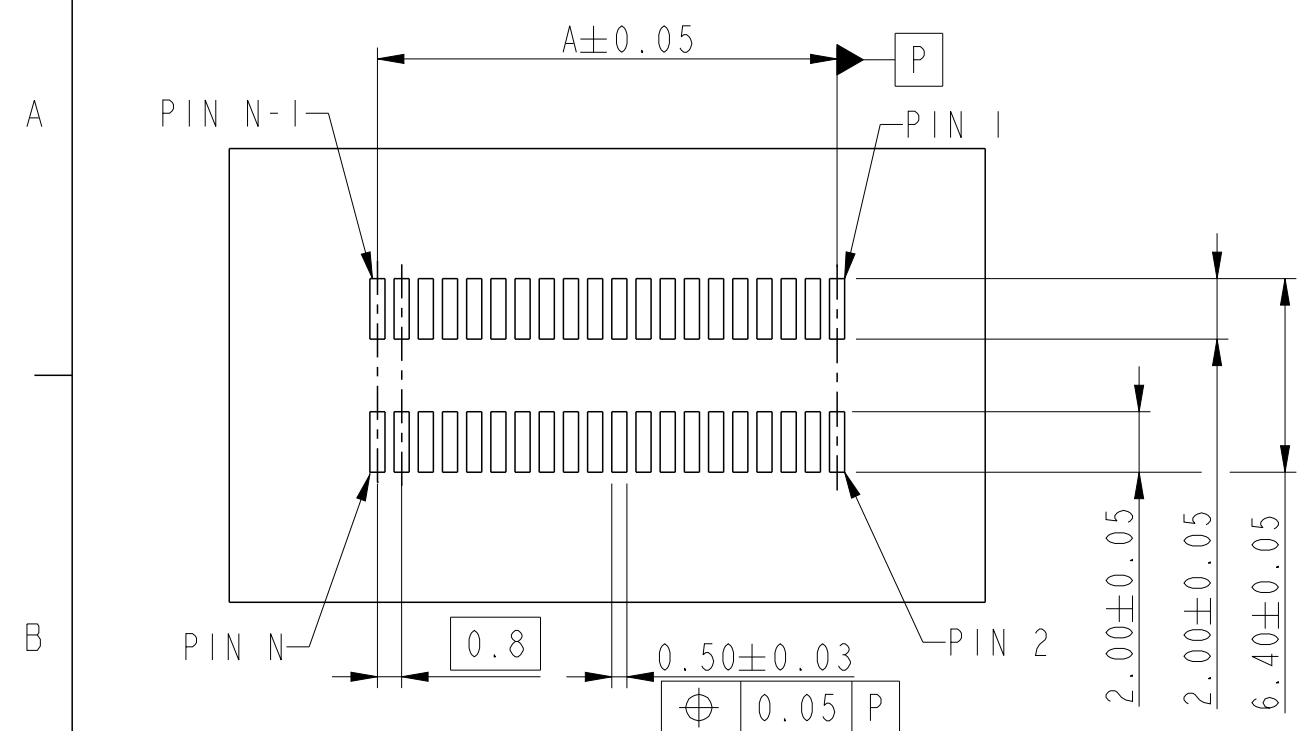
SEE DETAIL A



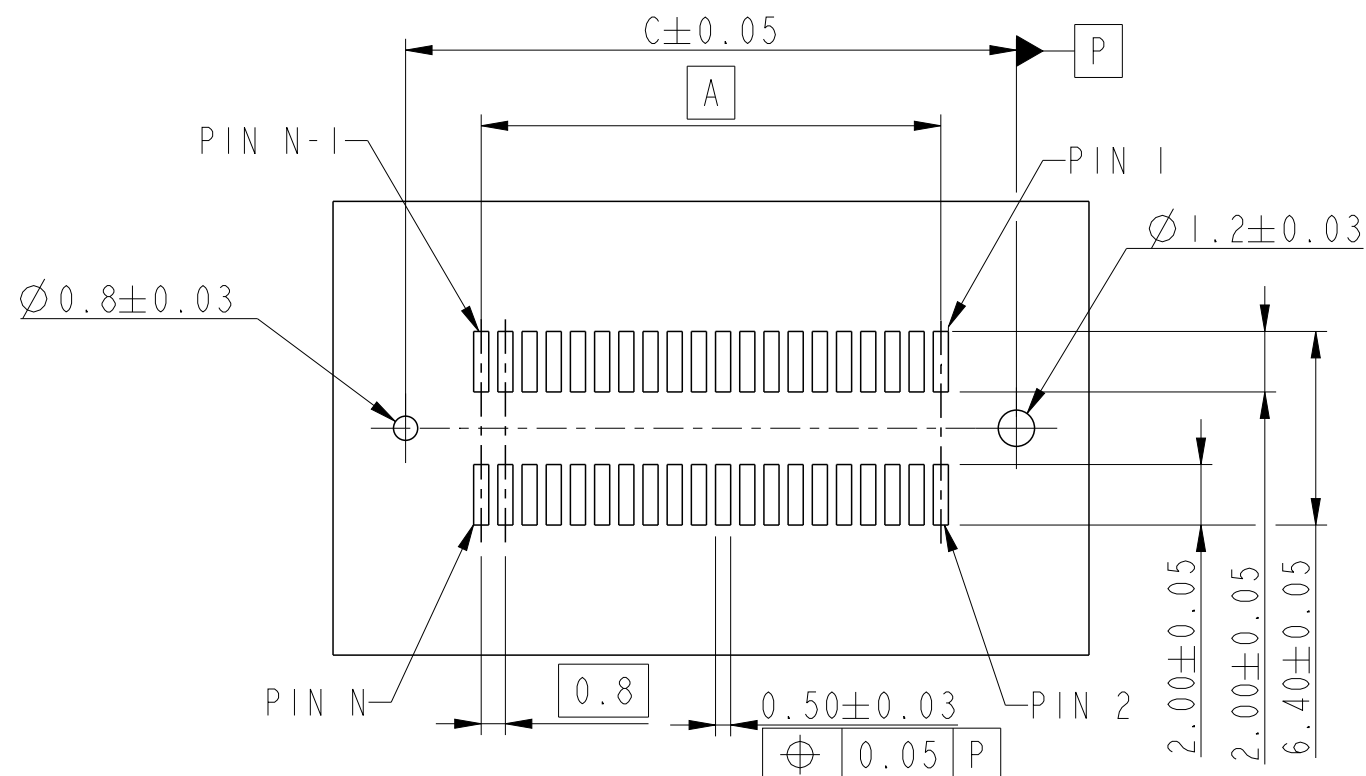
RECEPTACLE I

|              |                |                  |                |    |                        |               |              |     |
|--------------|----------------|------------------|----------------|----|------------------------|---------------|--------------|-----|
| dr           | Cheong, Matthe | 2009/06/10       | projection     | MM | size                   | A3            | scale        | 3:1 |
| eng          | Bob Gu         | 2020/03/04       |                | ←→ | ecn no                 | ELX-M-36184-1 |              |     |
| chr          | -              | -                |                |    | rel level              | Released      |              |     |
| appr         | Tim Yao        | 2020/03/04       | product family | -  | rel level              | Released      |              |     |
| Amphenol FCI |                | BERGSTAK 0.8MM   |                |    | dwg no                 | 61082         |              | rev |
| www.fci.com  |                | RECEPTACLE ASS'Y |                |    |                        |               | AN           |     |
| cat. no.     |                | -                |                |    | Product - Customer Drw |               | sheet 2 of 7 |     |

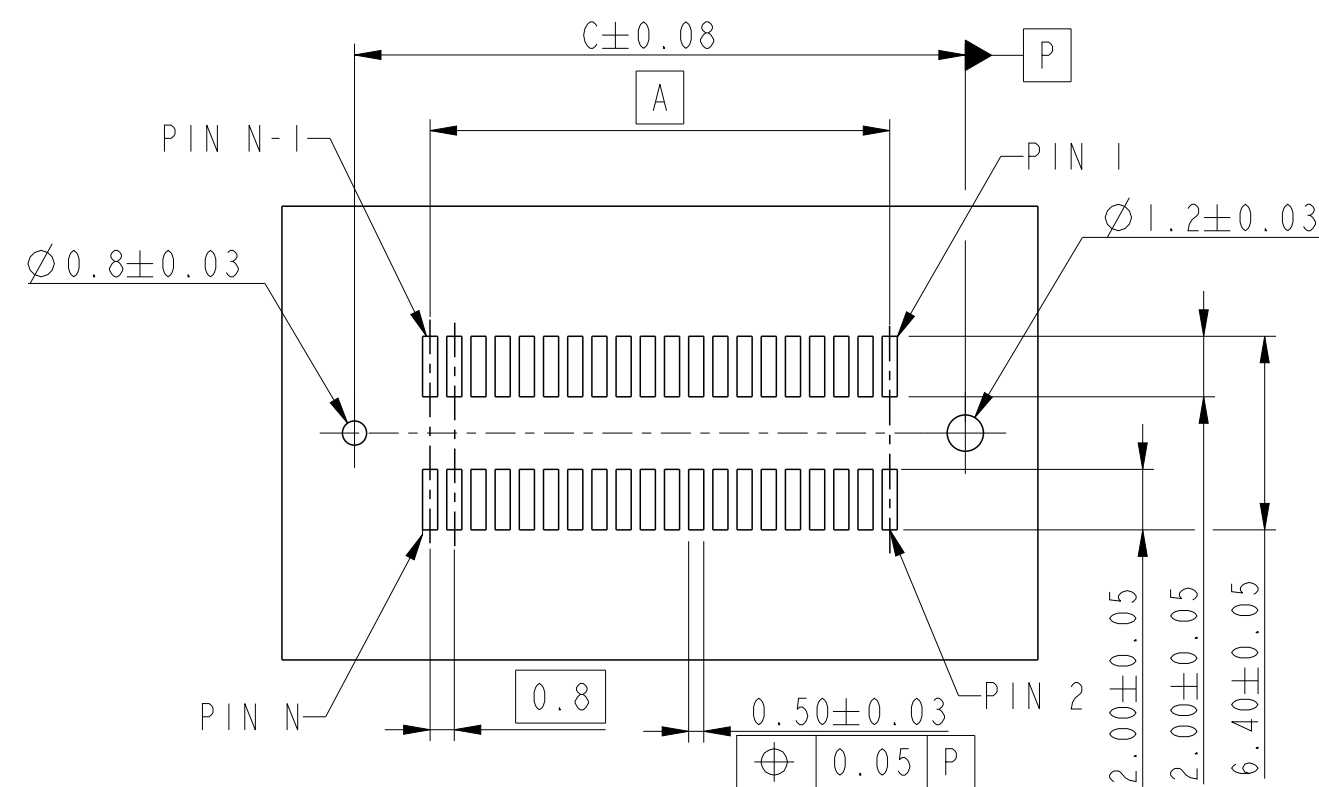
RECEPTACLE 1



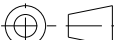
RECOMMENDED PCB LAYOUT WITHOUT PEGS



RECOMMENDED PCB LAYOUT WITH PEGS  
FOR NO. OF POSITION 2X20, 2X30, 2X40, 2X50, 2X60



RECOMMENDED PCB LAYOUT WITH PEGS  
FOR NO. OF POSITION 2X70, 2X80, 2X90, 2X100

|                             |                |                  |                                                                                                                        |                                                                                                                |           |               |       |     |
|-----------------------------|----------------|------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------|---------------|-------|-----|
| dr                          | Cheong, Matthe | 2009/06/10       | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size      | A3            | scale | 3:1 |
| eng                         | Bob Gu         | 2020/03/04       |                                                                                                                        |                                                                                                                | ecn no    | ELX-M-36184-1 |       |     |
| chr                         | -              | -                |                                                                                                                        |                                                                                                                | rel level | Released      |       |     |
| appr                        | Tim Yao        | 2020/03/04       | product family                                                                                                         |                                                                                                                | -         |               |       |     |
| <div>Amphenol<br/>FCI</div> | title          | BERGSTAK 0.8MM   |                                                                                                                        |                                                                                                                | dwg no    | 61082         |       | rev |
|                             |                | RECEPTACLE ASS'Y |                                                                                                                        |                                                                                                                |           |               |       | AN  |
| www.fci.com                 | cat. no.       | -                | Product - Customer Drw                                                                                                 |                                                                                                                |           | sheet 3 of 7  |       |     |

Amphenol  
FCi

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A

B

C

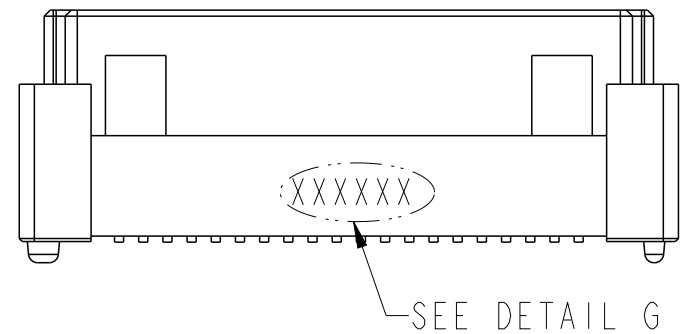
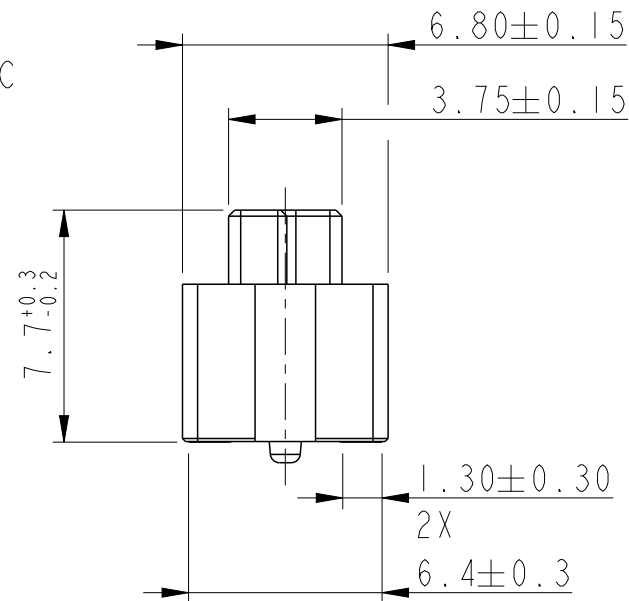
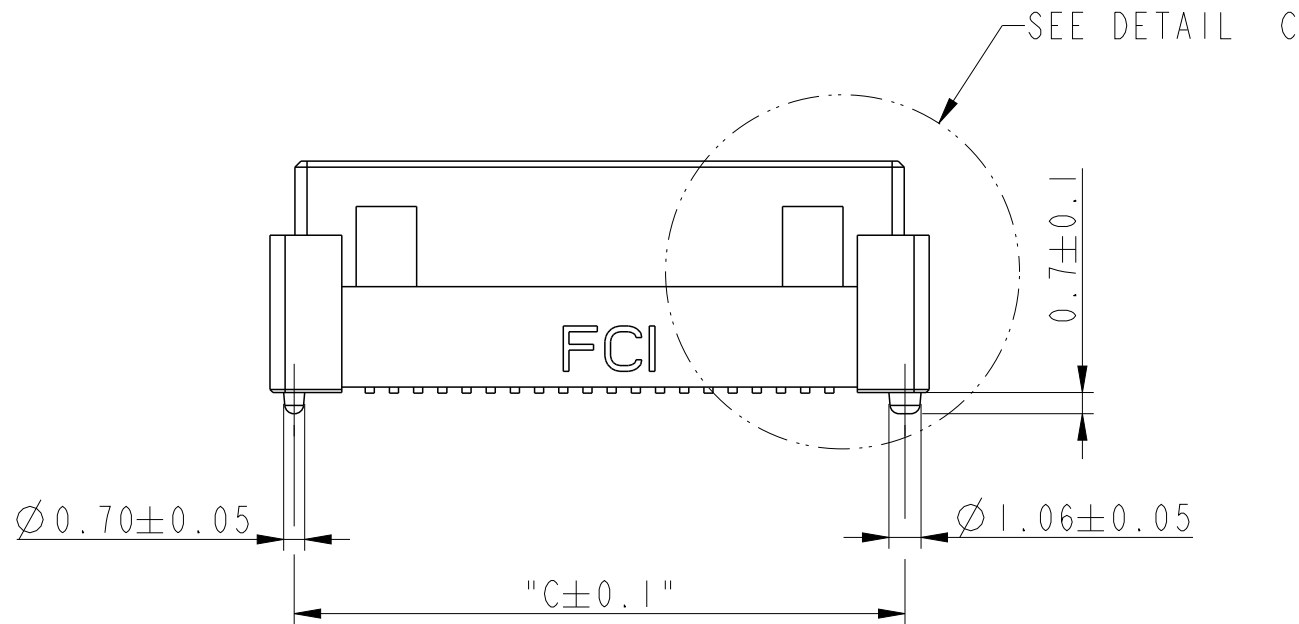
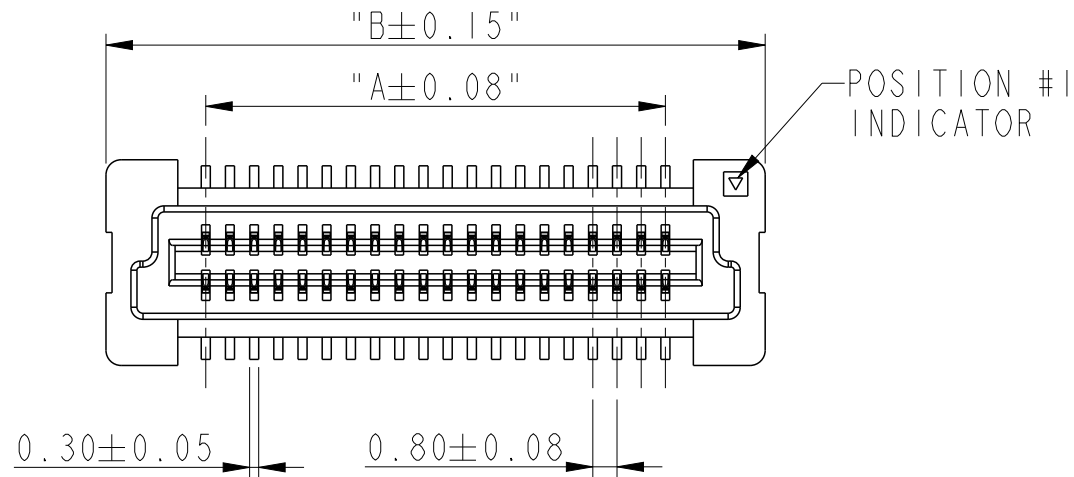
D

| PRODUCT NO.  | NUMBER OF POSITIONS | DIMENSION |      |      |
|--------------|---------------------|-----------|------|------|
|              |                     | A         | B    | C    |
| 61082-042*** | 2X20                | 15.2      | 21.8 | 20.2 |
| 61082-062*** | 2X30                | 23.2      | 29.8 | 28.2 |
| 61082-082*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 61082-102*** | 2X50                | 39.2      | 45.8 | 44.2 |
| 61082-122*** | 2X60                | 47.2      | 53.8 | 52.2 |
| 61082-142*** | 2X70                | 55.2      | 61.8 | 60.2 |
| 61082-162*** | 2X80                | 63.2      | 69.8 | 68.2 |
| 61082-182*** | 2X90                | 71.2      | 77.8 | 76.2 |
| 61082-202*** | 2X100               | 79.2      | 85.8 | 84.2 |

DATE CODE: XXXXXX

DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL G

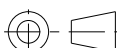


COPLANARITY OF TAIL  
0.1 MAX APPLIED TO 2X20 TO 2X70 POS.  
0.13 MAX APPLIED TO 2X80 TO 2X100 POS.

HIGH PRECISION COPLANARITY IS AVAILABLE  
FOR 2X80 TO 2X100 POS.  
PLS REFER TO PRINT 10069524.

DETAIL C  
SCALE 8:1

RECEPTACLE 2

|              |                |            |                                                                                                     |                                                                                             |                                    |               |          |        |              |     |    |
|--------------|----------------|------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------|---------------|----------|--------|--------------|-----|----|
| dr           | Cheong, Matthe | 2009/06/10 | projection<br> | MM<br> | size                               | A3            | scale    | 3:1    |              |     |    |
| eng          | Bob Gu         | 2020/03/04 |                                                                                                     |                                                                                             | ecn no                             | ELX-M-36184-1 |          |        |              |     |    |
| chr          | -              | -          |                                                                                                     |                                                                                             |                                    | rel level     | Released |        |              |     |    |
| appr         |                | Tim Yao    | 2020/03/04                                                                                          |                                                                                             | product family                     |               | -        |        |              |     |    |
| Amphenol FCI |                | title      |                                                                                                     |                                                                                             | BERGSTAK 0.8MM<br>RECEPTACLE ASS'Y |               |          | dwg no | 61082        | rev | AN |
| www.fci.com  |                | cat. no.   |                                                                                                     | -                                                                                           | Product - Customer Drw             |               |          |        | sheet 4 of 7 |     |    |

A

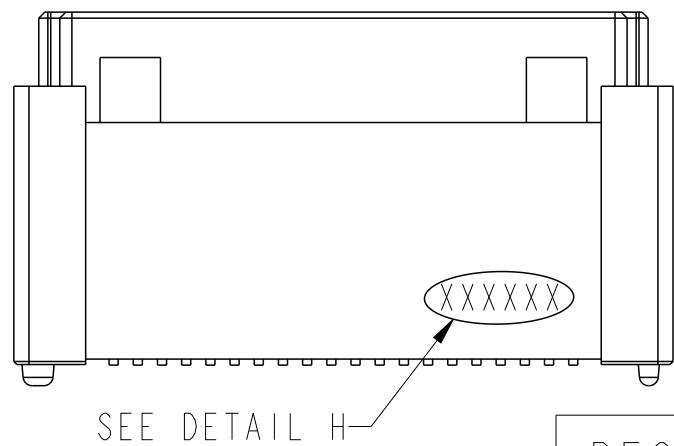
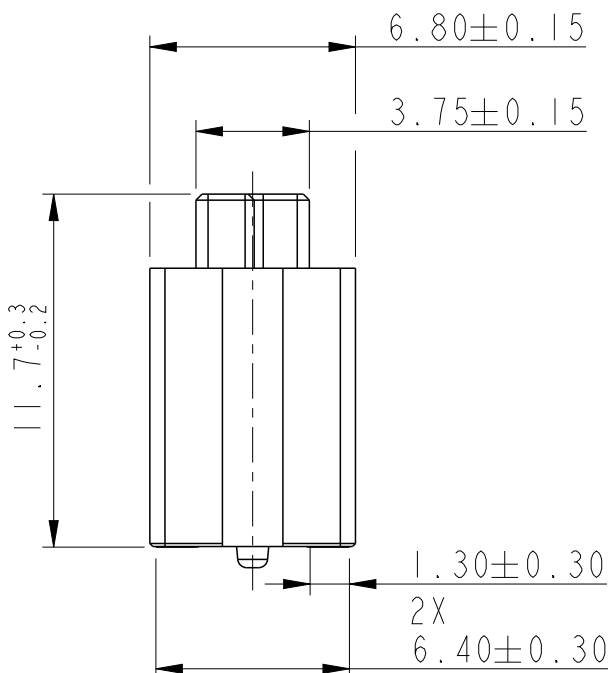
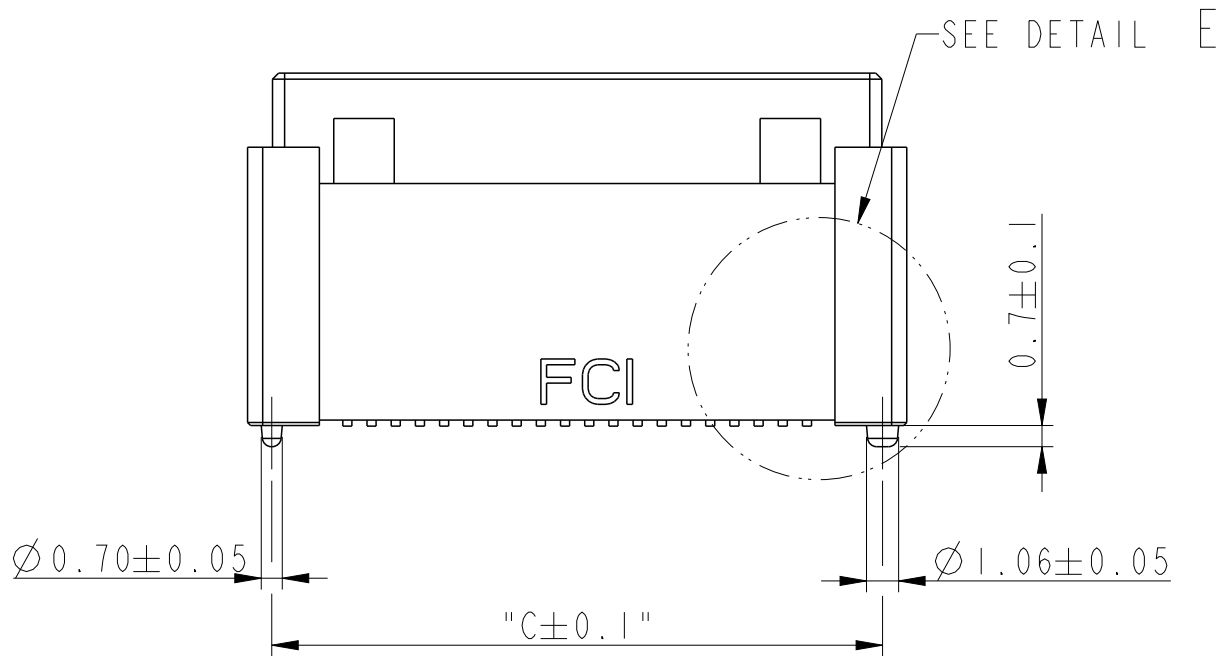
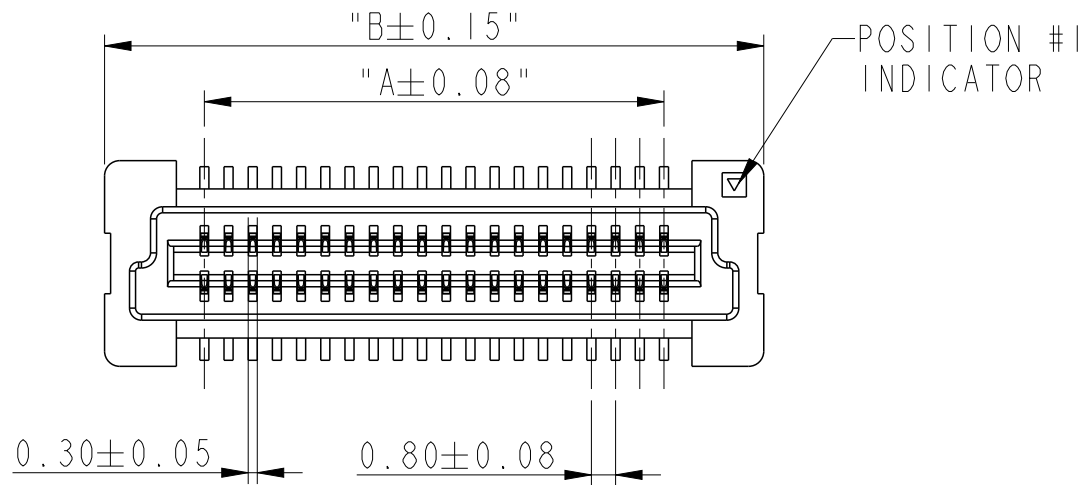
B

C

D

| PRODUCT NO.  | NUMBER OF POSITIONS | DIMENSION |      |      |
|--------------|---------------------|-----------|------|------|
|              |                     | A         | B    | C    |
| 61082-043*** | 2X20                | 15.2      | 21.8 | 20.2 |
| 61082-063*** | 2X30                | 23.2      | 29.8 | 28.2 |
| 61082-083*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 61082-103*** | 2X50                | 39.2      | 45.8 | 44.2 |
| 61082-123*** | 2X60                | 47.2      | 53.8 | 52.2 |
| 61082-143*** | 2X70                | 55.2      | 61.8 | 60.2 |
| 61082-163*** | 2X80                | 63.2      | 69.8 | 68.2 |
| 61082-183*** | 2X90                | 71.2      | 77.8 | 76.2 |
| 61082-203*** | 2X100               | 79.2      | 85.8 | 84.2 |

DATE CODE: XXXXXX  
DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)  
DETAIL H



COPLANARITY OF TAIL  
0.1 MAX APPLIED TO 2X20 TO 2X70 POS  
0.13 MAX APPLIED TO 2X80 TO 2X100 POS.  
HIGH PRECISION COPLANARITY IS AVAILABLE  
FOR 2X80 TO 2X100 POS.  
PLS REFER TO PRINT 10069524.

DETAIL E  
SCALE 8:1

RECEPTACLE 3

|              |                                    |            |                        |    |           |               |              |     |
|--------------|------------------------------------|------------|------------------------|----|-----------|---------------|--------------|-----|
| dr           | Cheong, Matthe                     | 2009/06/10 | projection             | MM | size      | A3            | scale        | 3:1 |
| eng          | Bob Gu                             | 2020/03/04 |                        |    | ecn no    | ELX-M-36184-1 |              |     |
| chr          | -                                  | -          |                        |    | rel level | Released      |              |     |
| appr         | Tim Yao                            | 2020/03/04 | product family         | -  |           |               |              |     |
| Amphenol FCI | BERGSTAK 0.8MM<br>RECEPTACLE ASS'Y |            |                        |    | dwg no    | 61082         | rev          | AN  |
| www.fci.com  | cat. no.                           | -          | Product - Customer Drw |    |           |               | sheet 5 of 7 |     |

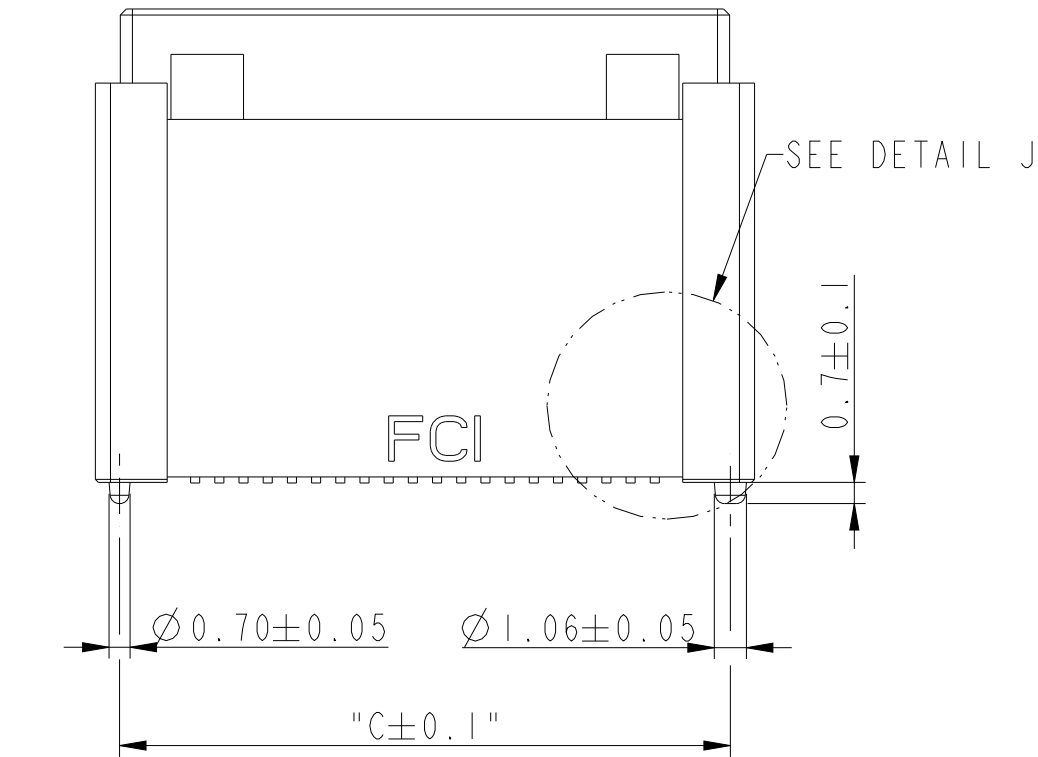
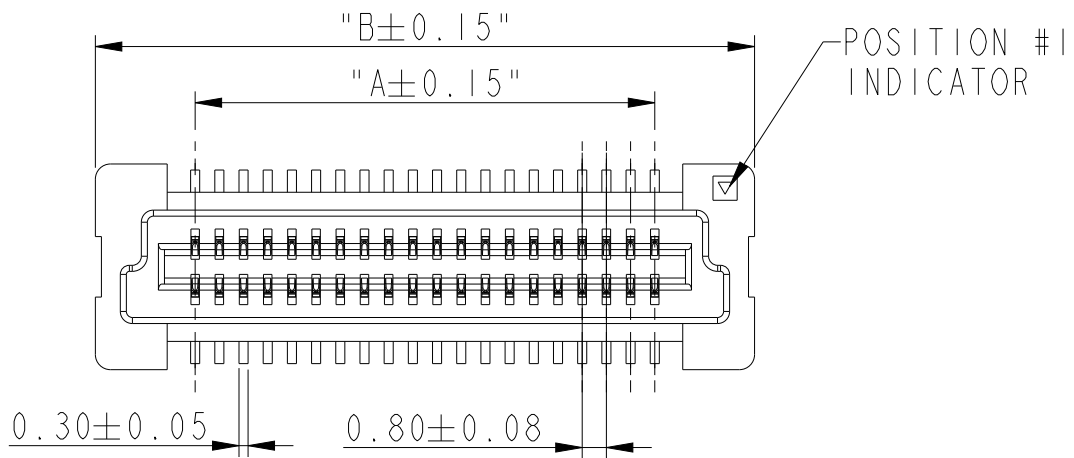
A

B

C

D

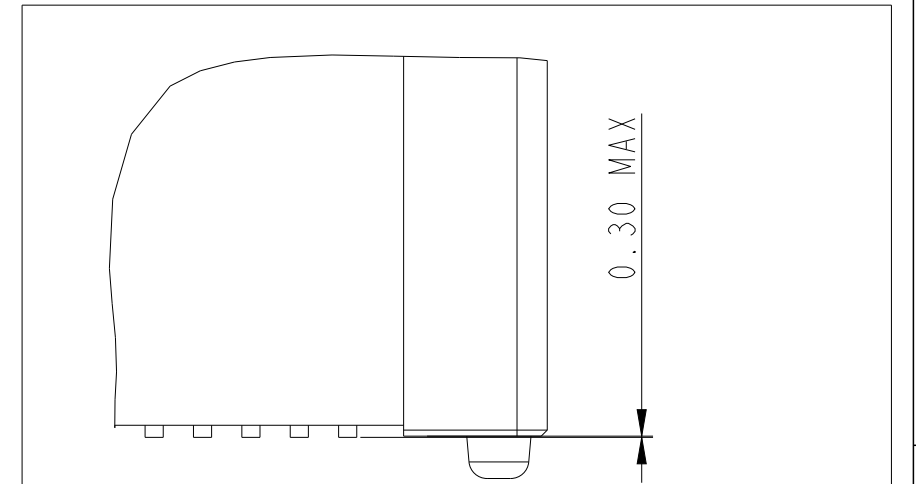
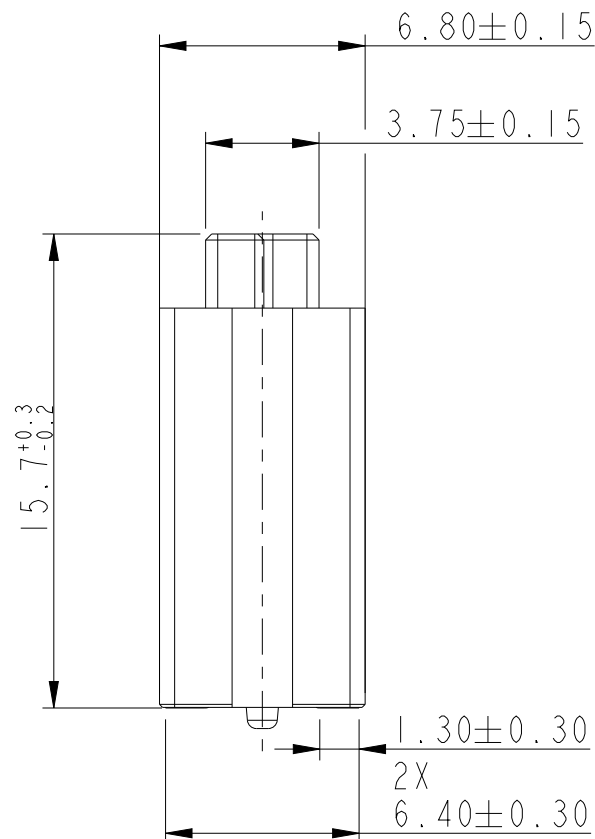
| PRODUCT NO.  | NUMBER OF POSITIONS | DIMENSION |      |      |
|--------------|---------------------|-----------|------|------|
|              |                     | A         | B    | C    |
| 61082-024*** | 2X10                | 7.2       | 13.8 | 12.2 |
| 61082-044*** | 2X20                | 15.2      | 21.8 | 20.2 |
| 61082-064*** | 2X30                | 23.2      | 29.8 | 28.2 |
| 61082-084*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 61082-104*** | 2X50                | 39.2      | 45.8 | 44.2 |
| 61082-124*** | 2X60                | 47.2      | 53.8 | 52.2 |
| 61082-144*** | 2X70                | 55.2      | 61.8 | 60.2 |
| 61082-164*** | 2X80                | 63.2      | 69.8 | 68.2 |
| 61082-184*** | 2X90                | 71.2      | 77.8 | 76.2 |
| 61082-204*** | 2X100               | 79.2      | 85.8 | 84.2 |



DATE CODE: XXXXXX

DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

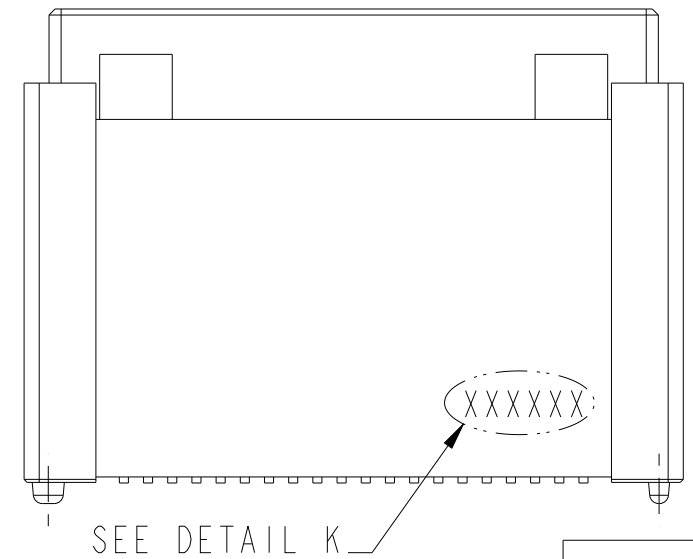
DETAIL K



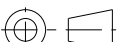
COPLANARITY OF TAIL  
0.1 MAX APPLIED TO 2X20 TO 2X70 POS  
0.13 MAX APPLIED TO 2X80 TO 2X100 POS.

HIGH PRECISION COPLANARITY IS AVAILABLE  
FOR 2X80 TO 2X100 POS.  
PLS REFER TO PRINT 10069524.

DETAIL J  
SCALE 8:1



RECEPTACLE 4

|                 |                |                  |                                                                                                     |                                                                                             |           |               |              |          |
|-----------------|----------------|------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|---------------|--------------|----------|
| dr              | Cheong, Matthe | 2009/06/10       | projection<br> | MM<br> | size      | A3            | scale        | 3:1      |
| eng             | Bob Gu         | 2020/03/04       |                                                                                                     |                                                                                             | ecn no    | ELX-M-36184-1 |              |          |
| chr             | -              | -                |                                                                                                     |                                                                                             | rel level |               |              | Released |
| appr            | Tim Yao        | 2020/03/04       | product family                                                                                      |                                                                                             |           | -             |              |          |
| Amphenol<br>FCI | title          | BERGSTAK 0.8MM   |                                                                                                     |                                                                                             | dwg no    | 61082         |              | rev      |
|                 |                | RECEPTACLE ASS'Y |                                                                                                     |                                                                                             |           | AN            |              |          |
| www.fci.com     | cat. no.       | -                | Product - Customer Drw                                                                              |                                                                                             |           |               | sheet 6 of 7 |          |

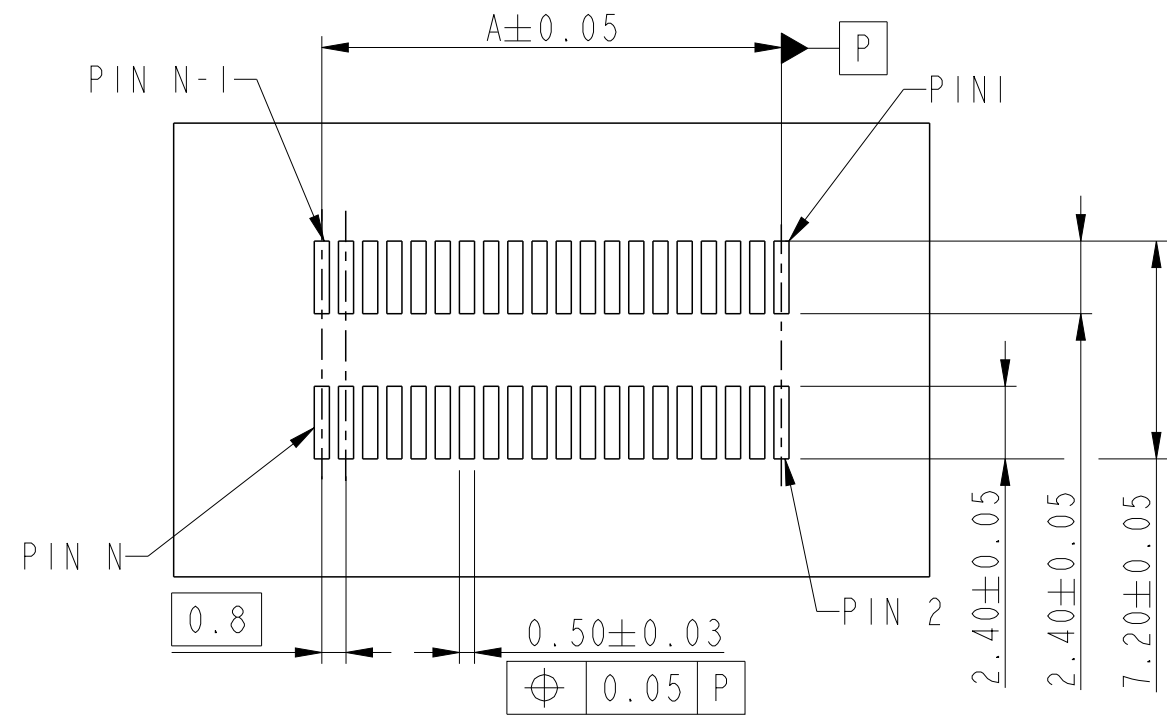
A

B

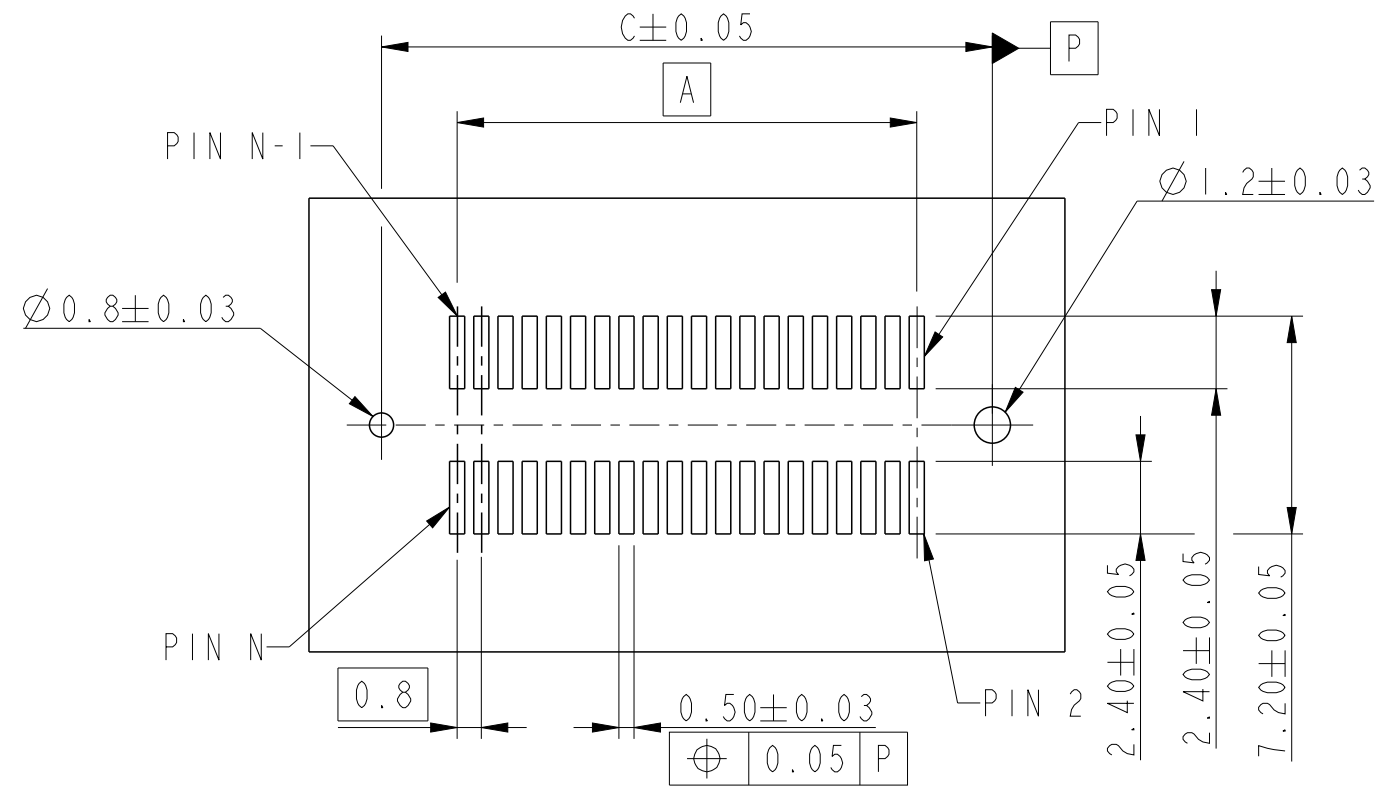
C

D

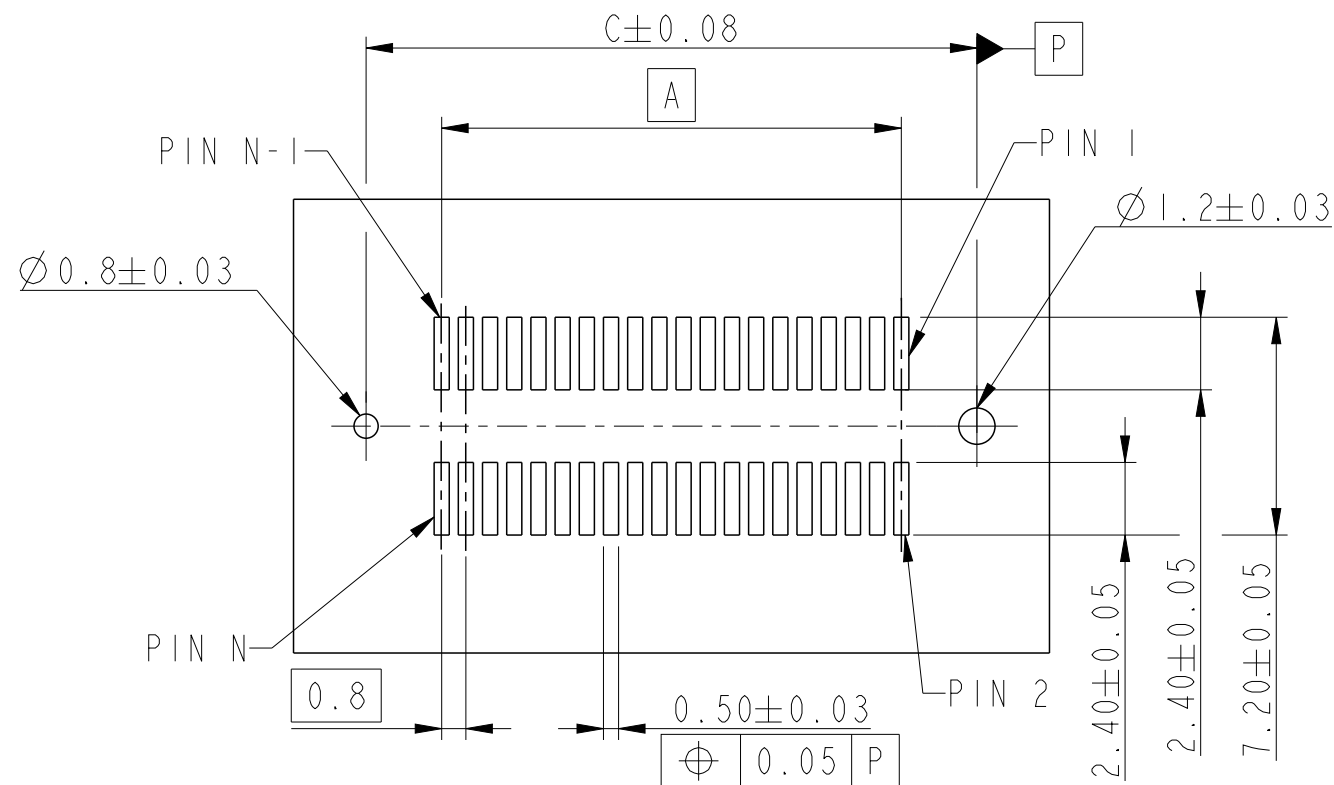
RECEPTACLE 2 & 3 & 4



RECOMMENDED PCB LAYOUT WITHOUT PEGS



RECOMMENDED PCB LAYOUT WITH PEGS  
FOR NO. OF POSITION 2X10, 2X20, 2X30, 2X40, 2X50, 2X60



RECOMMENDED PCB LAYOUT WITH PEGS  
FOR NO. OF POSITION 2X70, 2X80, 2X90, 2X100

|                         |                |            |                                   |                           |                |                        |       |        |              |     |    |
|-------------------------|----------------|------------|-----------------------------------|---------------------------|----------------|------------------------|-------|--------|--------------|-----|----|
| dr                      | Cheong, Matthe | 2009/06/10 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size           | A3                     | scale | 3:1    |              |     |    |
| eng                     | Bob Gu         | 2020/03/04 |                                   |                           | ecn no         | ELX-M-36184-1          |       |        |              |     |    |
| chr                     | -              | -          |                                   |                           | rel level      | Released               |       |        |              |     |    |
| appr                    | Tim Yao        | 2020/03/04 | product family                    |                           | -              |                        |       |        |              |     |    |
| <div>Amphenol FCI</div> |                | title      |                                   |                           | BERGSTAK 0.8MM |                        |       | dwg no | 61082        | rev | AN |
| www.fci.com             |                | cat. no.   |                                   | -                         |                | Product - Customer Drw |       |        | sheet 7 of 7 |     |    |