

10139781-AA B C D E FF

| AA | POSITION |
|----|----------|
| 08 | 2X40     |
| 12 | 2X60     |

| B                           | FOR PLUG, SEE DWG. NO.10139085 |        |
|-----------------------------|--------------------------------|--------|
| COMBINATION OF MATED HEIGHT | Plug 1                         | Plug 4 |
| Recep 1                     |                                |        |
| Recep 2                     |                                |        |
| Recep 3                     |                                |        |

| E | PACKAGING          |
|---|--------------------|
| 2 | T&R WITH METAL CAP |
| Q | T&R WITHOUT CAP    |

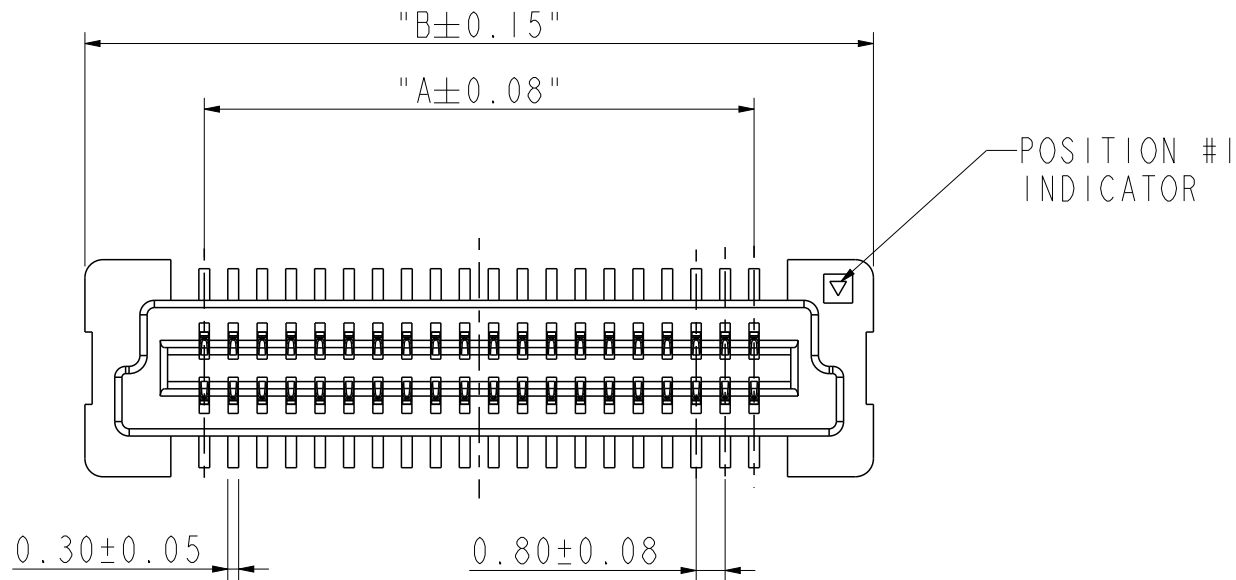
| D | POLARIZATION PEG |
|---|------------------|
| 0 | YES              |
| 2 | NO               |

| C | PLATING: CONTACT AREA / SOLDER TAIL AREA                                                   | FF |
|---|--------------------------------------------------------------------------------------------|----|
| 4 | GOLD 0.2um MIN / PURE MATT TIN 2.5um MIN<br>NICKEL UNDERPLATE OVERALL 1.27um.              | LF |
| 5 | GOLD 0.38um MIN / MATT PURE TIN 2.5um MIN<br>NICKEL UNDERPLATE OVERALL 1.27um MIN          | LF |
| 6 | GOLD FLASH OVER PALLADIUM-NICKEL 0.69um/PURE MATT TIN<br>NICKEL UNDERPLATE OVERALL 1.27um. | LF |

- NOTES:
1. MATERIAL  
HOUSING: LCP UL,NATURAL 94V-0  
TERMINAL: COPPER ALLOY
  2. PLATING  
AS SHOWN IN TABLE.
  3. PRODUCT SPEC PLEASE REFER TO GS-12-547 .
  4. SEE GS-15-551 AND GS-14-816 FOR THE DETAILS OF PACKAGING.
  5. PACKAGING OPTION 2: "NOT ALL SIZES AVAILABLE; CHECK WITH FACTORY".
  6. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
  7. THE HOUSING WITH WITHSTAND EXPOSURE UP TO 260° PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR REFLOW OVEN.
  8. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

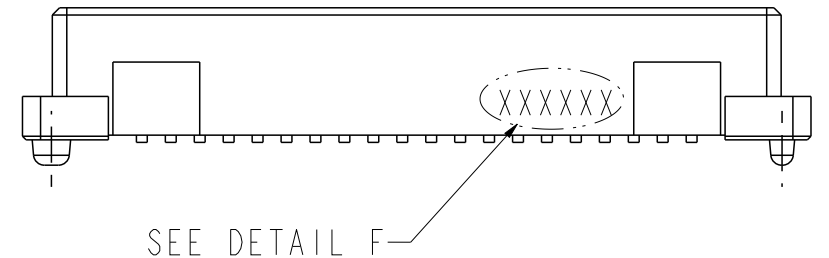
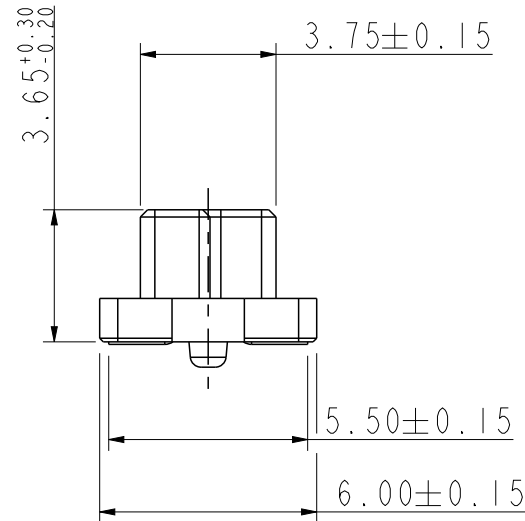
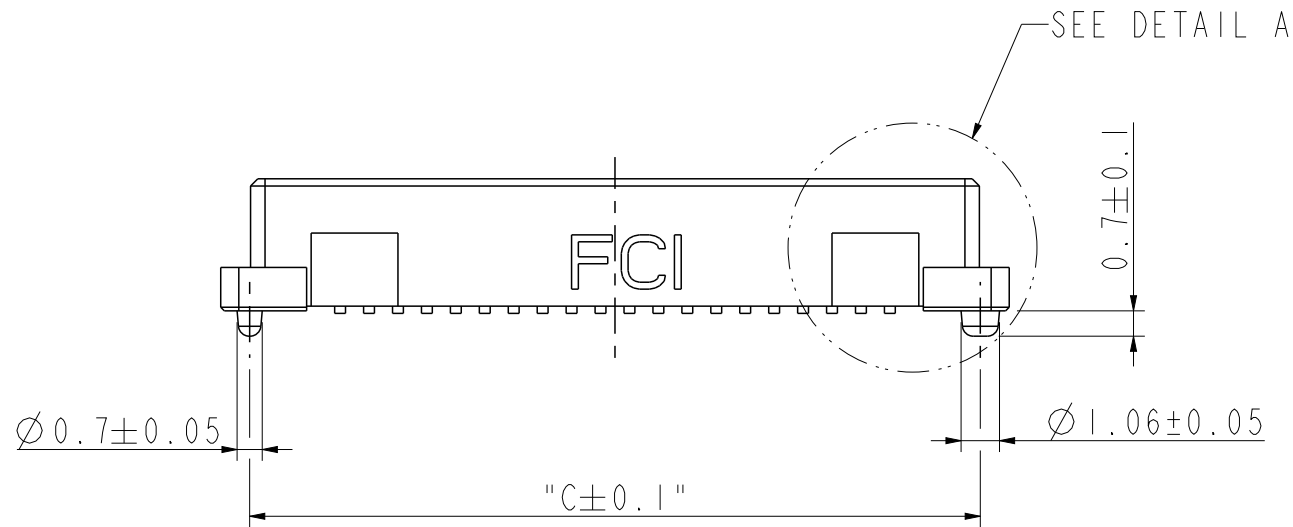
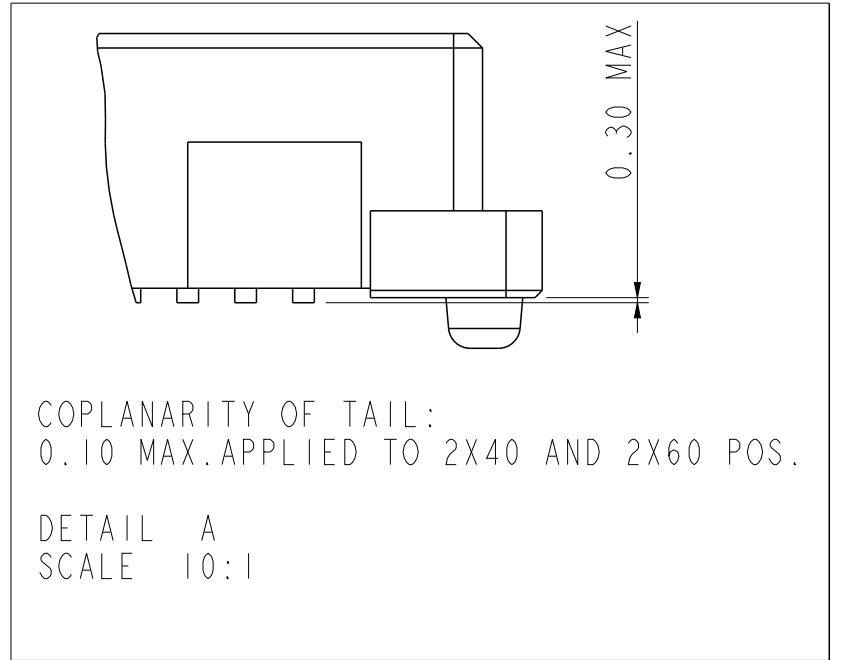
|               |                                       |               |              |              |            |                                   |                           |                      |                    |     |
|---------------|---------------------------------------|---------------|--------------|--------------|------------|-----------------------------------|---------------------------|----------------------|--------------------|-----|
| spec ref -    |                                       | dr Eric Huang |              | 2016/08/02   |            | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size A3              | scale              |     |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |               | eng Bob Gu   | 2018/01/05   |            |                                   |                           | DRAWING SCALE        |                    |     |
|               |                                       |               | chr -        | -            |            |                                   |                           | ecn no ELX-N-28955-1 |                    |     |
| ISO 406       |                                       |               | appr Tim Yao |              | 2018/01/09 |                                   | product family            |                      | rel level Released |     |
| ISO 1101      |                                       |               |              |              |            |                                   |                           |                      |                    |     |
| surface       | linear                                | 0.X           | ±0.3         | Amphenol FCI | title      | BERGSTAK+ 0.8mm                   |                           | dwg no               | 10139781           | rev |
|               |                                       | 0.XX          | ±0.15        |              |            |                                   |                           |                      |                    |     |
|               |                                       | 0.XXX         | ±0.08        |              |            |                                   |                           |                      |                    |     |
|               | ISO 1302                              | angular       | 0°           |              |            |                                   |                           |                      |                    |     |

| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10139781-081*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 10139781-121*** | 2X60                | 47.2      | 53.8 | 52.2 |

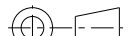


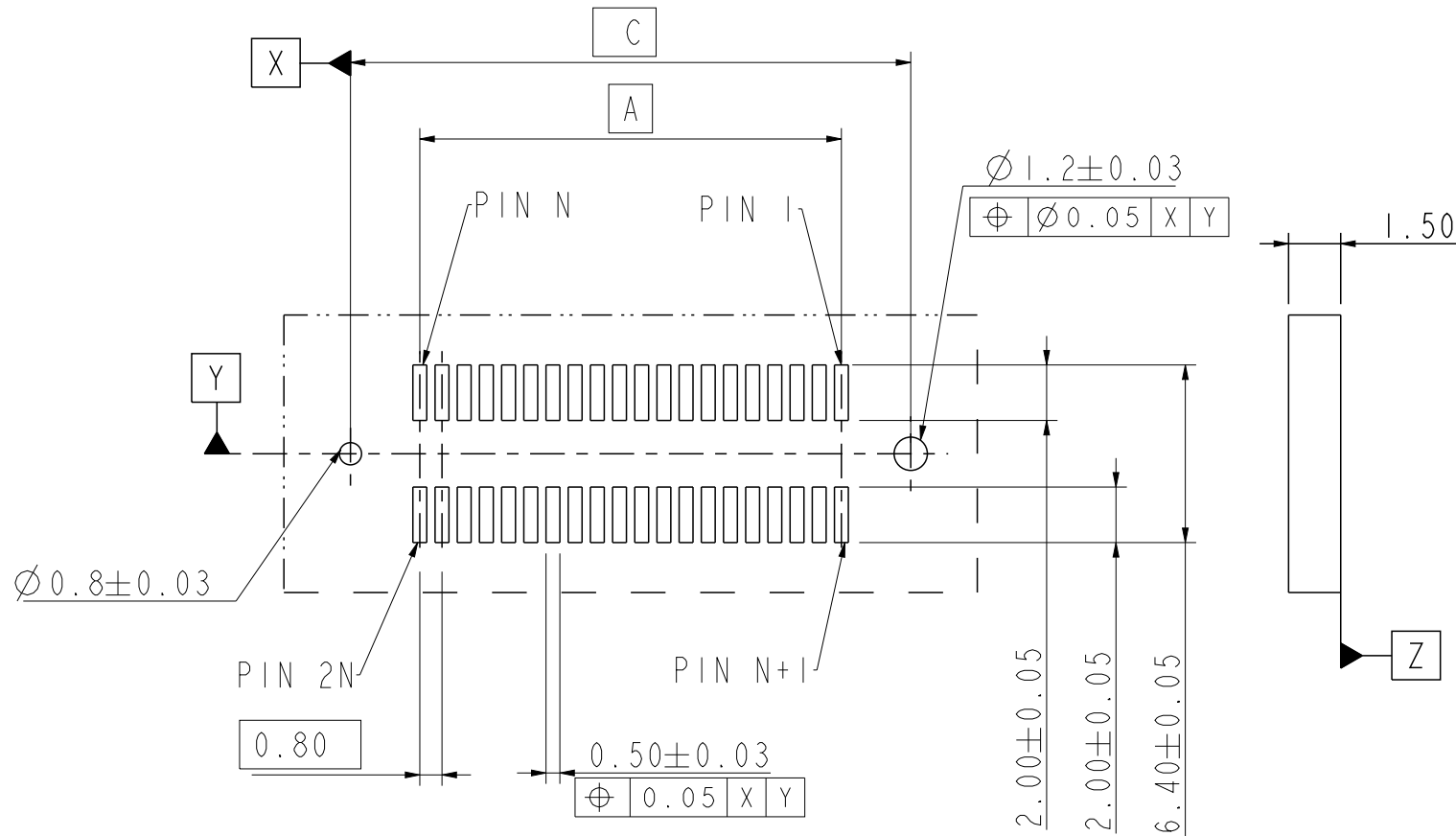
DATE CODE: XXXXXX  
DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL F  
SCALE 5:1

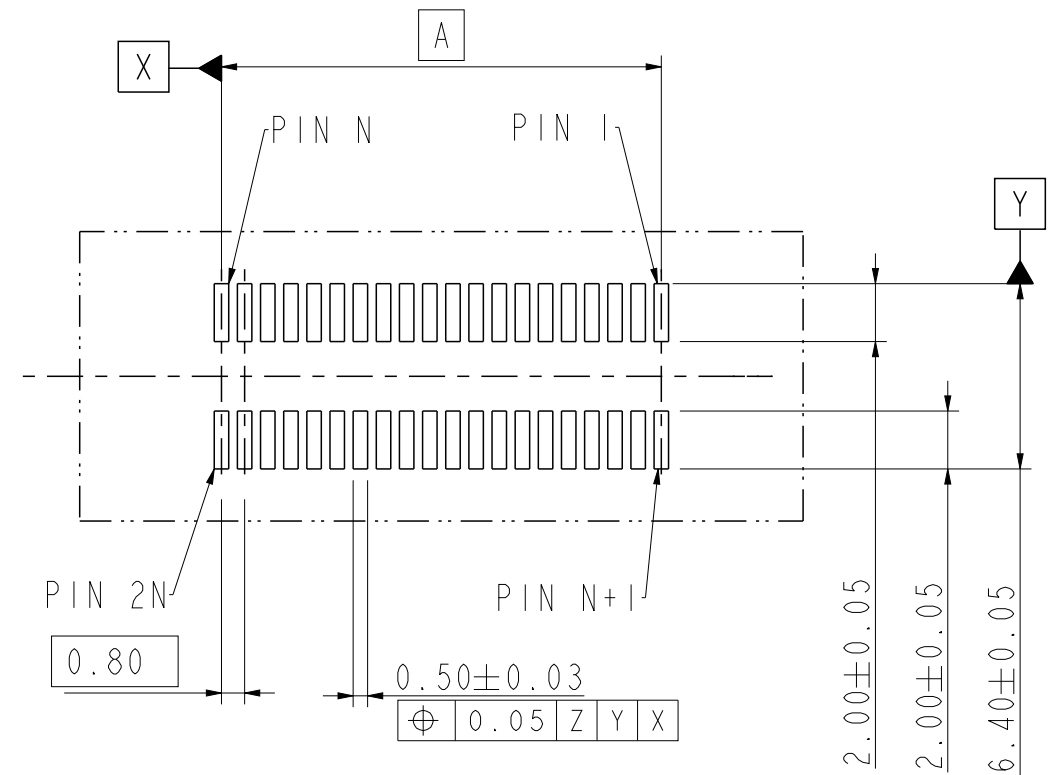


RECEPTACLE 1

|                                                                                                              |                                       |         |    |               |     |              |  |                                                                                                  |                                                                                          |                 |                        |       |               |              |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------|---------|----|---------------|-----|--------------|--|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------|------------------------|-------|---------------|--------------|
| spec ref -                                                                                                   |                                       |         |    | dr Eric Huang |     | 2016/08/02   |  | projection  | mm  | size            | A3                     | scale | DRAWING SCALE |              |
| tolerance std<br>ISO 406<br>ISO 1101                                                                         | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |    | eng Bob Gu    |     | 2018/01/05   |  |                                                                                                  |                                                                                          | ecn no          | ELX-N-28955-1          |       |               |              |
|                                                                                                              |                                       |         |    | chr -         |     | -            |  |                                                                                                  |                                                                                          |                 |                        |       |               |              |
|                                                                                                              |                                       |         |    | appr Tim Yao  |     | 2018/01/09   |  | product family                                                                                   |                                                                                          |                 | rel level Released     |       |               |              |
| surface<br><br>ISO 1302 | linear                                | 0.X     |    | ±0.3          |     | Amphenol FCI |  | title BERGSTAK+ 0.8mm<br>RECEPTACLE CONN                                                         |                                                                                          | dwg no 10139781 |                        | rev D |               |              |
|                                                                                                              |                                       | 0.XX    |    | ±0.15         |     |              |  |                                                                                                  |                                                                                          |                 |                        |       |               |              |
|                                                                                                              |                                       | 0.XXX   |    | ±0.08         |     |              |  |                                                                                                  |                                                                                          |                 |                        |       |               |              |
|                                                                                                              |                                       | angular | 0° |               | ±2° |              |  |                                                                                                  | cat. no.                                                                                 |                 | Product - Customer Drw |       |               | sheet 2 of 6 |

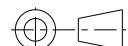


RECOMMENDED PCB LAYOUT WITH PEGS  
FOR NO. OF POSITION 2X40, 2X60



RECOMMENDED PCB LAYOUT WITHOUT PEGS  
FOR NO. OF POSITION 2X40, 2X60

RECEPTACLE 1

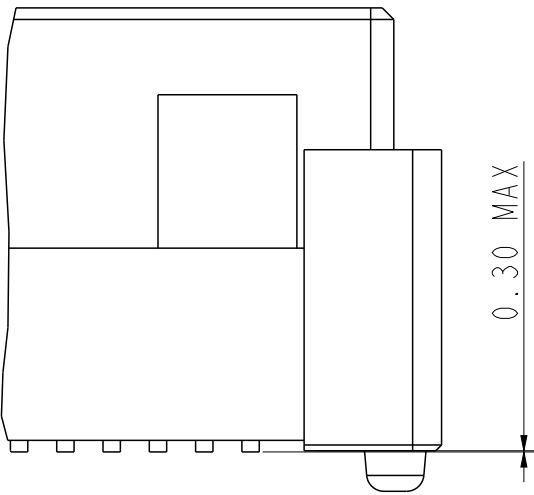
|                                        |         |       |       |                 |                 |            |                                                                                                                        |                                                                                                                |           |              |                |               |  |     |   |
|----------------------------------------|---------|-------|-------|-----------------|-----------------|------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------|--------------|----------------|---------------|--|-----|---|
| spec ref -                             |         |       |       | dr              | Eric Huang      | 2016/08/02 | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size      | A3           | scale          | DRAWING SCALE |  |     |   |
| tolerance std                          |         |       |       | eng             | Bob Gu          | 2018/01/05 |                                                                                                                        |                                                                                                                | ecn no    |              | ELX-N-28955-1  |               |  |     |   |
| ISO 406                                |         |       |       | chr             | -               | -          |                                                                                                                        |                                                                                                                | rel level |              | Released       |               |  |     |   |
| ISO 1101                               |         |       |       | appr            |                 |            |                                                                                                                        |                                                                                                                | Tim Yao   | 2018/01/09   | product family |               |  |     |   |
| <div>surface</div> <div>ISO 1302</div> | linear  | 0.X   | ±0.3  | Amphenol<br>FCi | title           |            |                                                                                                                        | BERGSTAK+ 0.8mm                                                                                                |           |              | dwg no         | 10139781      |  | rev | D |
|                                        |         | 0.XX  | ±0.15 |                 | RECEPTACLE CONN |            |                                                                                                                        |                                                                                                                |           |              |                |               |  |     |   |
|                                        |         | 0.XXX | ±0.08 |                 |                 |            |                                                                                                                        |                                                                                                                |           |              |                |               |  |     |   |
|                                        | angular | 0°    | ±2°   | cat. no.        |                 |            | Product - Customer Drw                                                                                                 |                                                                                                                |           | sheet 3 of 6 |                |               |  |     |   |

| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10139781-082*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 10139781-122*** | 2X60                | 47.2      | 53.8 | 52.2 |

DATE CODE: XXXXXX

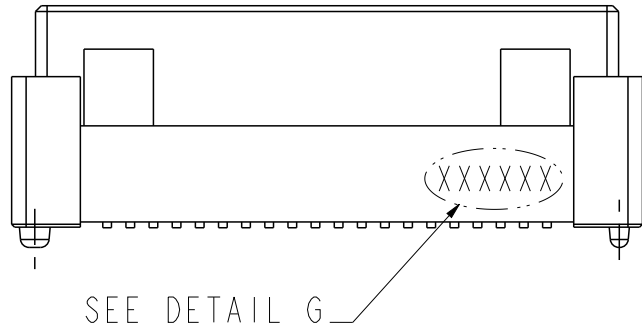
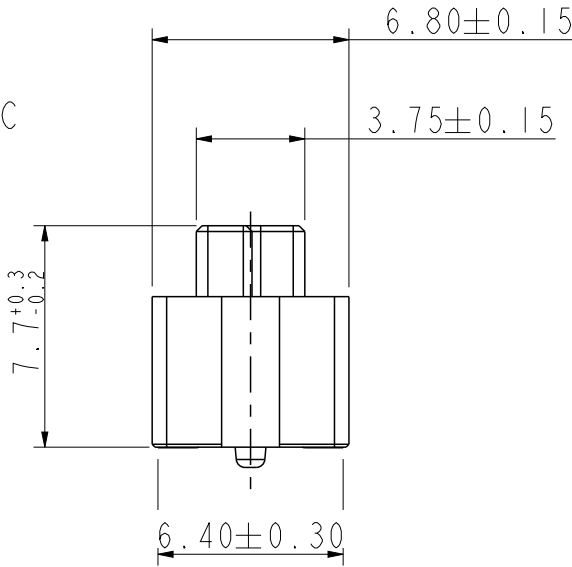
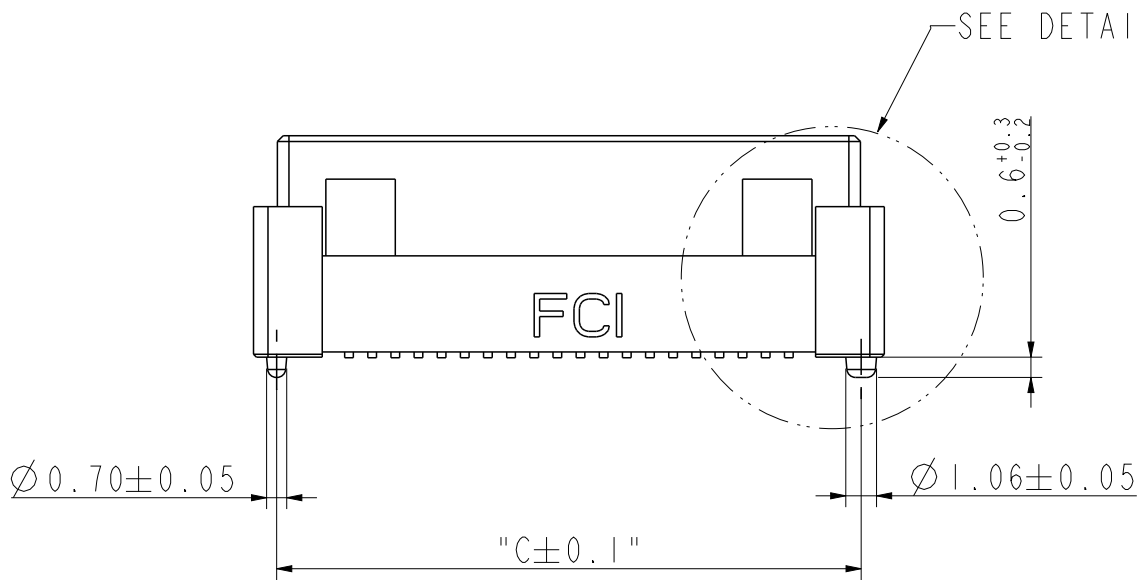
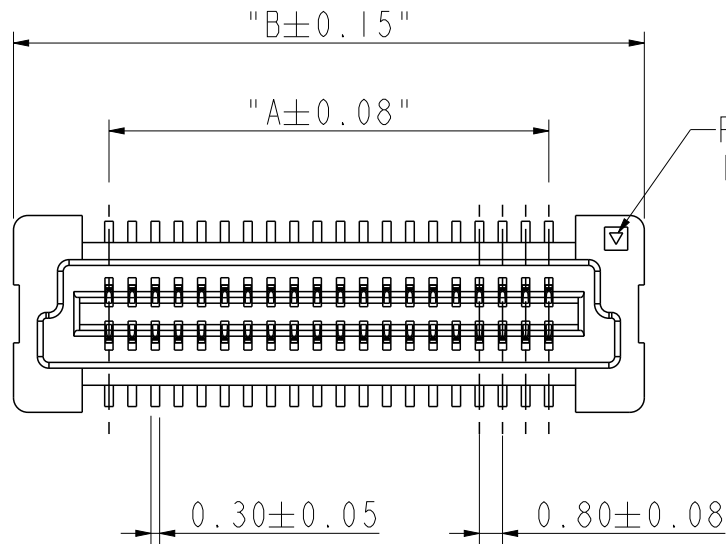
DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL G  
SCALE 5:1



COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X40 AND 2X60 POS.

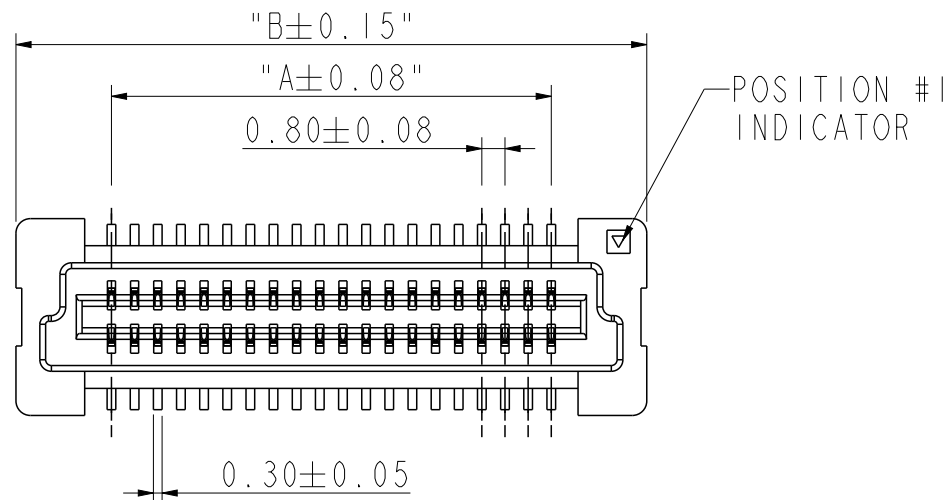
DETAIL C  
SCALE 8:1



RECEPTACLE 2

|                                                                                                              |                                       |      |       |                 |            |                                    |                                                                                                     |                                                                                             |           |               |       |               |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------|------|-------|-----------------|------------|------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|---------------|-------|---------------|
| spec ref                                                                                                     |                                       | -    |       | dr              | Eric Huang | 2016/08/02                         | projection<br> | mm<br> | size      | A3            | scale | DRAWING SCALE |
| tolerance std                                                                                                | TOLERANCES UNLESS OTHERWISE SPECIFIED |      |       | eng             | Bob Gu     | 2018/01/05                         |                                                                                                     |                                                                                             | ecn no    | ELX-N-28955-1 |       |               |
| ISO 406<br>ISO 1101                                                                                          |                                       |      |       | chr             | -          | -                                  |                                                                                                     |                                                                                             | rel level | Released      |       |               |
|                                                                                                              |                                       |      |       | appr            | Tim Yao    | 2018/01/09                         | product family                                                                                      |                                                                                             |           |               |       |               |
| surface<br><br>ISO 1302 | linear                                | 0.X  | ±0.3  | Amphenol<br>FCi | title      | BERGSTAK+ 0.8mm<br>RECEPTACLE CONN |                                                                                                     |                                                                                             | dwg no    | 10139781      |       | rev<br><br>D  |
|                                                                                                              |                                       | 0.XX | ±0.15 |                 |            |                                    |                                                                                                     |                                                                                             |           |               |       |               |
|                                                                                                              | angular                               | 0°   | ±2°   |                 |            | cat. no.                           | Product - Customer Drw                                                                              |                                                                                             |           | sheet 4 of 6  |       |               |

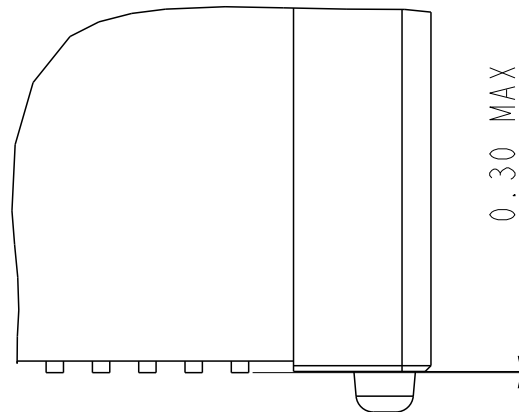
RECEPTACLE 3



DATE CODE: XXXXXX

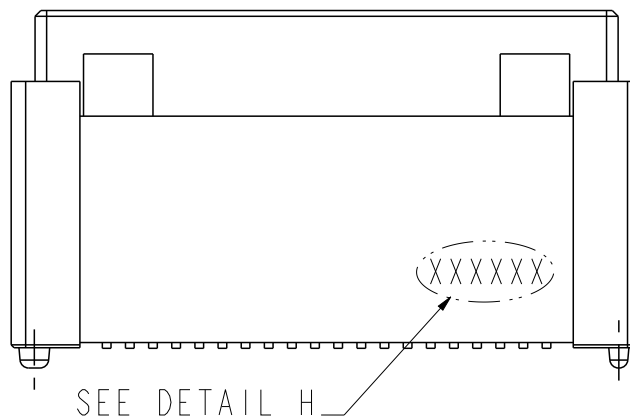
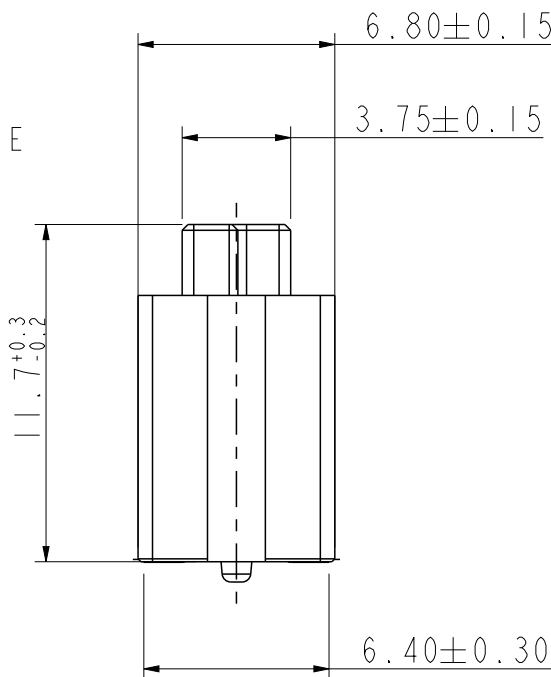
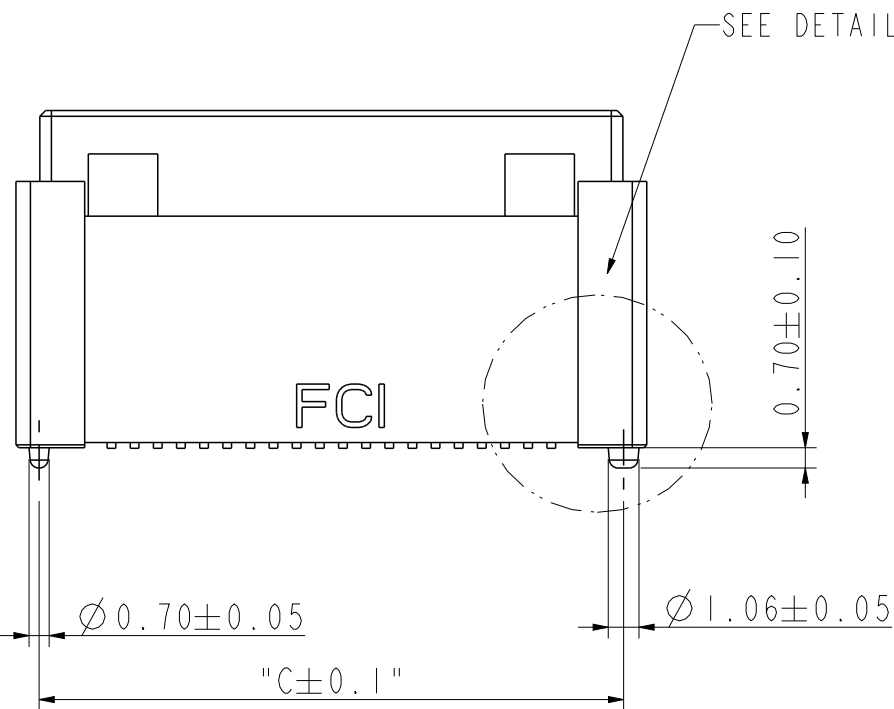
DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL H  
SCALE 5:1



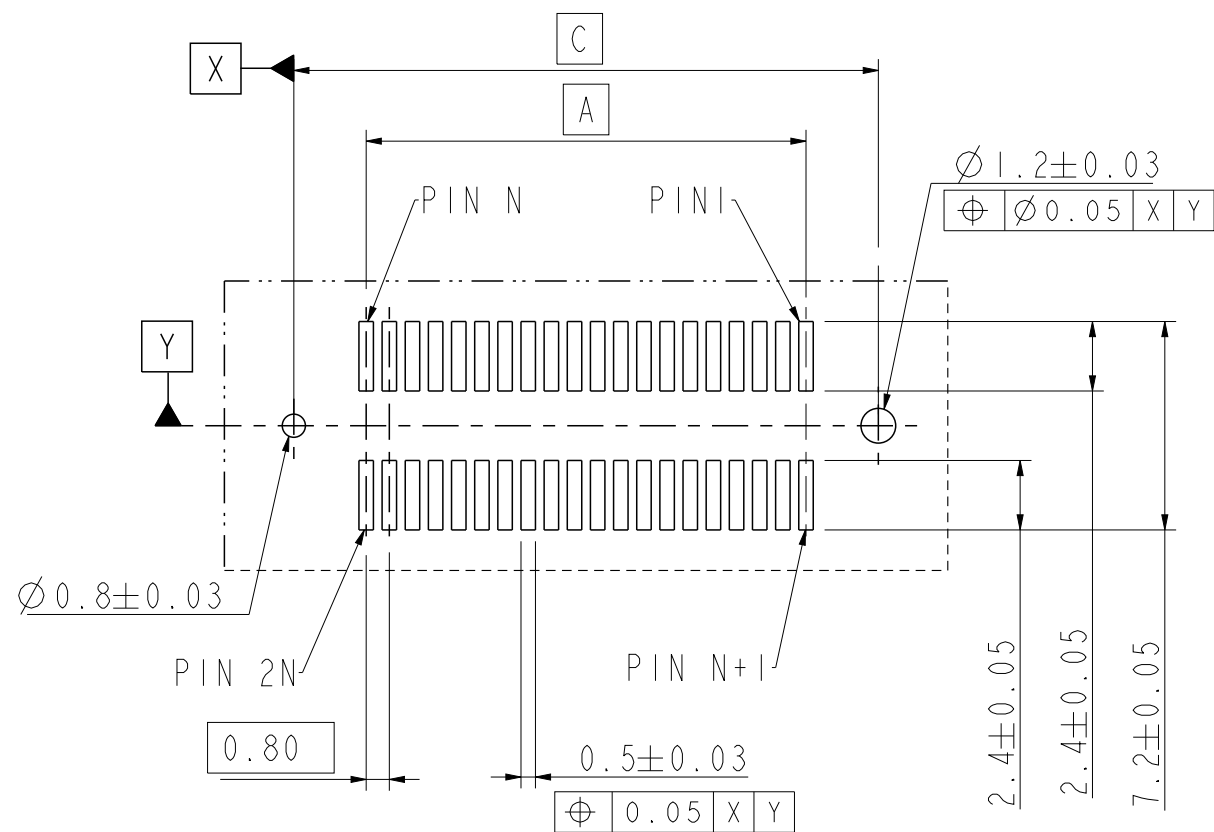
COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X40 AND 2X60 POS.

DETAIL C  
SCALE 8:1

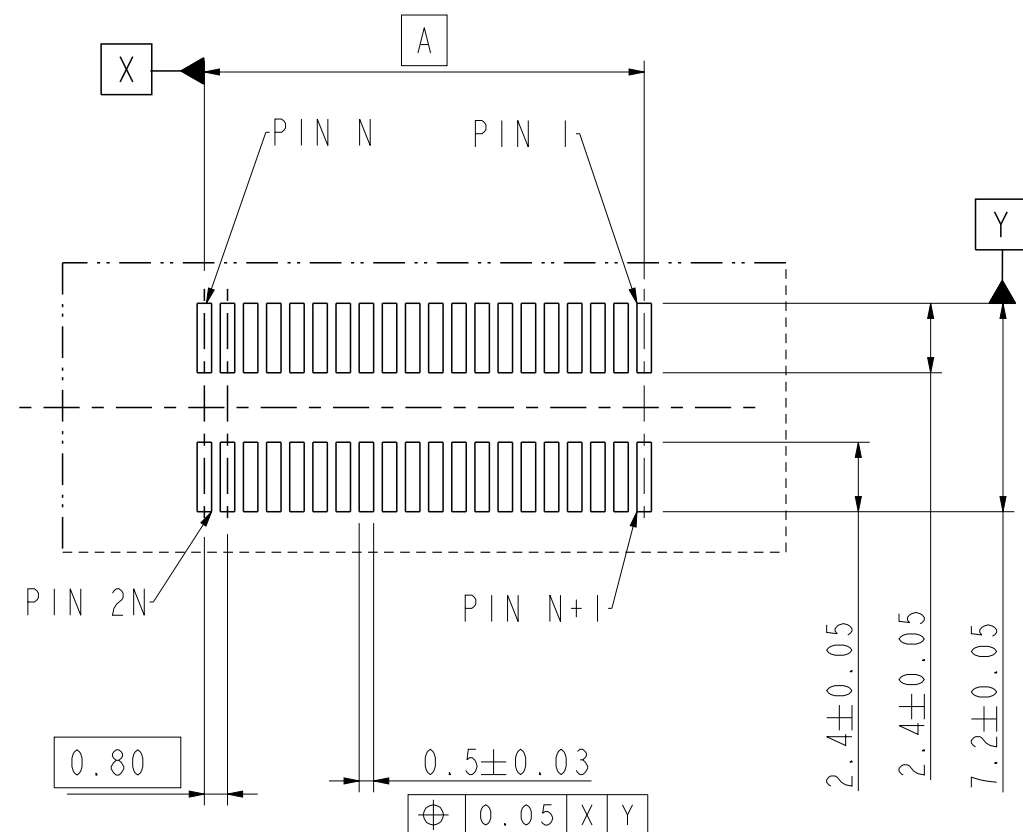


|                                                                                                                         |                                       |       |       |                 |          |                                    |  |                                                                                                                        |                                                                                                                |                      |                     |  |          |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------|-------|-----------------|----------|------------------------------------|--|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------|---------------------|--|----------|
| spec ref -                                                                                                              |                                       |       |       | dr Eric Huang   |          | 2016/08/02                         |  | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size A3              | scale DRAWING SCALE |  |          |
| tolerance std<br>ISO 406<br>ISO 1101                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng Bob Gu      |          | 2018/01/05                         |  |                                                                                                                        |                                                                                                                | ecn no ELX-N-28955-1 |                     |  |          |
|                                                                                                                         |                                       |       |       | chr -           |          | -                                  |  |                                                                                                                        |                                                                                                                | rel level Released   |                     |  |          |
|                                                                                                                         |                                       |       |       | appr Tim Yao    |          | 2018/01/09                         |  |                                                                                                                        |                                                                                                                |                      |                     |  |          |
| product family                                                                                                          |                                       |       |       |                 |          |                                    |  |                                                                                                                        |                                                                                                                |                      |                     |  |          |
| surface<br><div></div><br>ISO 1302 | linear                                | 0.X   | ±0.3  | Amphenol<br>FCi | title    | BERGSTAK+ 0.8mm<br>RECEPTACLE CONN |  |                                                                                                                        |                                                                                                                | dwg no               | 10139781            |  | rev<br>D |
|                                                                                                                         |                                       | 0.XX  | ±0.15 |                 |          |                                    |  |                                                                                                                        |                                                                                                                |                      |                     |  |          |
|                                                                                                                         |                                       | 0.XXX | ±0.08 |                 |          |                                    |  |                                                                                                                        |                                                                                                                |                      |                     |  |          |
|                                                                                                                         | angular                               | 0°    | ±2°   |                 | cat. no. | Product - Customer Drw             |  |                                                                                                                        |                                                                                                                | sheet 5 of 6         |                     |  |          |

RECEPTACLE 2 & 3



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



RECOMMENDED PCB LAYOUT WITHOUT PEGS  
FOR NO. OF POSITION 2X40, ,2X60

|                                                     |  |         |       |               |              |                                          |                        |                                   |                           |                      |       |                     |  |
|-----------------------------------------------------|--|---------|-------|---------------|--------------|------------------------------------------|------------------------|-----------------------------------|---------------------------|----------------------|-------|---------------------|--|
| spec ref -                                          |  |         |       | dr Eric Huang |              | 2016/08/02                               |                        | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size A3              |       | scale DRAWING SCALE |  |
| tolerance std                                       |  |         |       | eng Bob Gu    |              | 2018/01/05                               |                        |                                   |                           | ecn no ELX-N-28955-1 |       |                     |  |
| ISO 406                                             |  |         |       | chr -         |              | -                                        |                        |                                   |                           | rel level Released   |       |                     |  |
| ISO 1101                                            |  |         |       | appr Tim Yao  |              | 2018/01/09                               |                        |                                   |                           | product family       |       |                     |  |
| <div>surface</div> <div>ISO 1302</div> <div>✓</div> |  | linear  | 0.X   | ±0.3          | Amphenol FCI | title BERGSTAK+ 0.8mm<br>RECEPTACLE CONN |                        |                                   |                           | dwg no 10139781      | rev D |                     |  |
|                                                     |  |         | 0.XX  | ±0.15         |              |                                          |                        |                                   |                           |                      |       |                     |  |
|                                                     |  |         | 0.XXX | ±0.08         |              |                                          |                        |                                   |                           |                      |       |                     |  |
|                                                     |  | angular | 0°    | ±2°           | cat. no.     |                                          | Product - Customer Drw |                                   |                           |                      |       | sheet 6 of 6        |  |



Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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Факс: 8 (812) 320-03-32

Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А