

10139781-AA B C D E FF

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

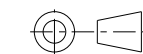
| B                           | FOR PLUG, SEE DWG. NO.10139085 |        |
|-----------------------------|--------------------------------|--------|
| COMBINATION OF MATED HEIGHT | Plug 1                         | Plug 4 |
| Recep 1                     |                                |        |
| Recep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

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

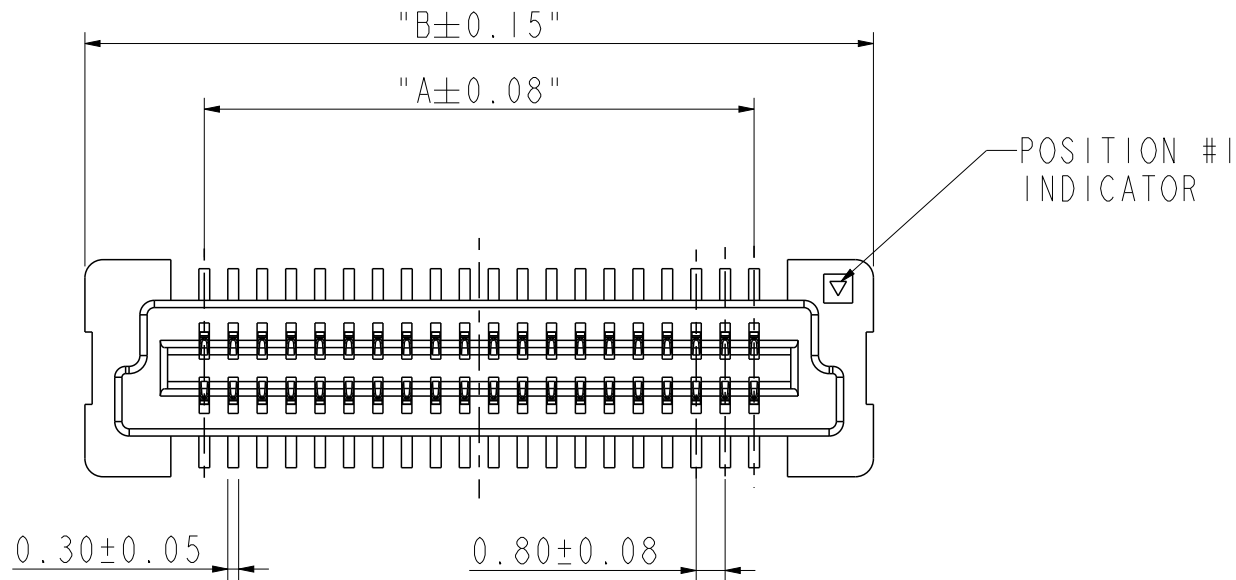
| D | POLARIZATION PEG |
|---|------------------|
| 0 | YES              |
| 2 | NO               |

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

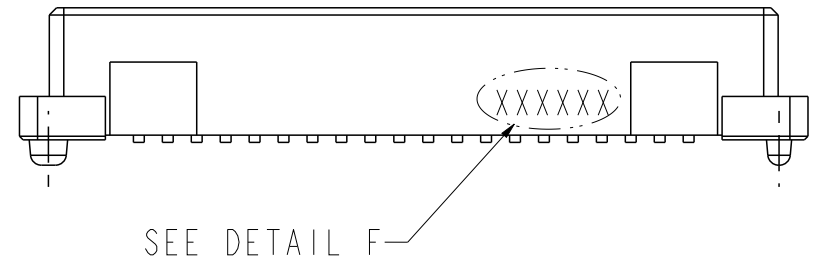
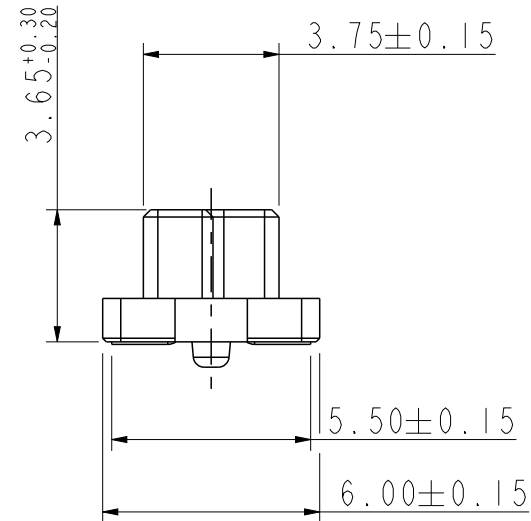
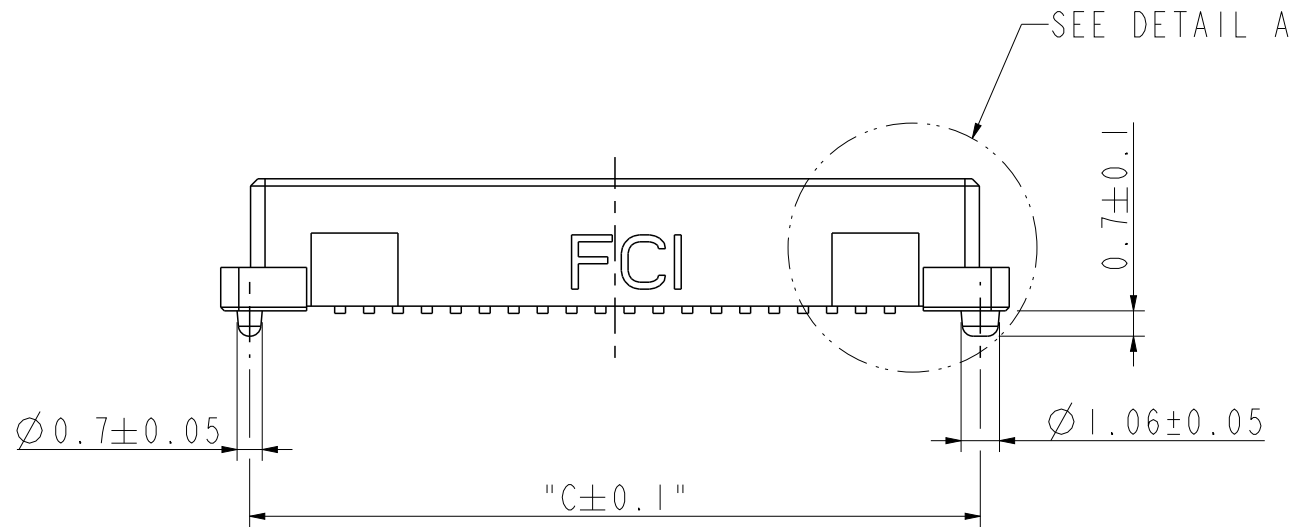
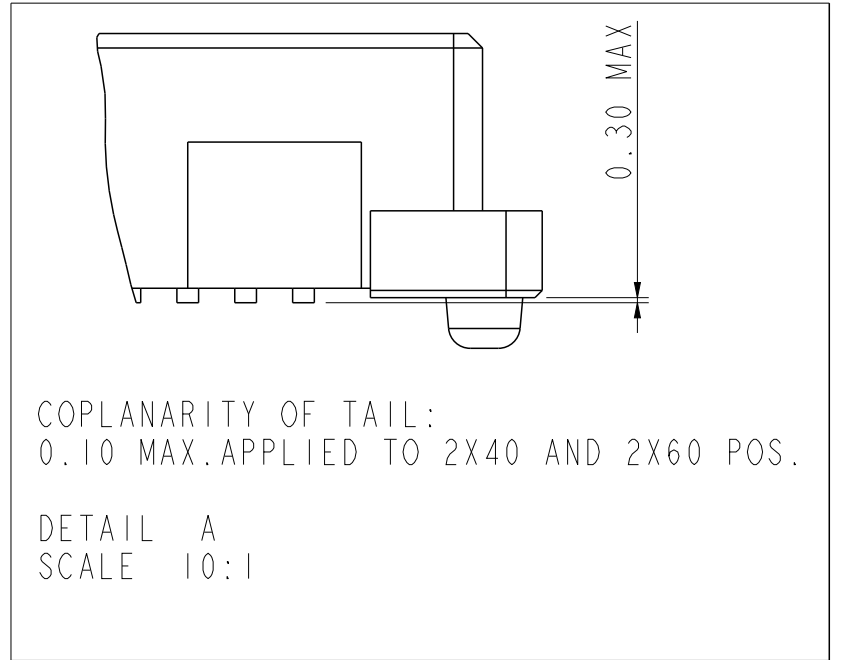
|               |  |                                       |  |      |  |            |  |              |  |                                                                                       |  |                                                                                       |  |              |  |               |  |               |  |                |  |           |  |
|---------------|--|---------------------------------------|--|------|--|------------|--|--------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------|--|---------------|--|---------------|--|----------------|--|-----------|--|
| spec ref      |  | -                                     |  | dr   |  | Eric Huang |  | 2016/08/02   |  | projection                                                                            |  | mm                                                                                    |  | size         |  | A3            |  | scale         |  |                |  |           |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng  |  | Bob Gu     |  | 2018/01/05   |  |  |  |  |  | ecn no       |  | ELX-N-28955-1 |  | DRAWING SCALE |  |                |  |           |  |
| ISO 406       |  |                                       |  | chr  |  | -          |  | -            |  |                                                                                       |  |                                                                                       |  |              |  |               |  |               |  |                |  |           |  |
| ISO 1101      |  |                                       |  | appr |  | Tim Yao    |  | 2018/01/09   |  |                                                                                       |  |                                                                                       |  |              |  |               |  |               |  | product family |  | rel level |  |
| 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°   |  | ±2°        |  |              |  | cat. no.                                                                              |  | Product - Customer Drw                                                                |  | sheet 1 of 6 |  |               |  |               |  |                |  |           |  |

| 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 |

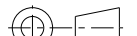


DATE CODE: XXXXXX  
DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL F  
SCALE 5:1



RECEPTACLE 1

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

A

B

C

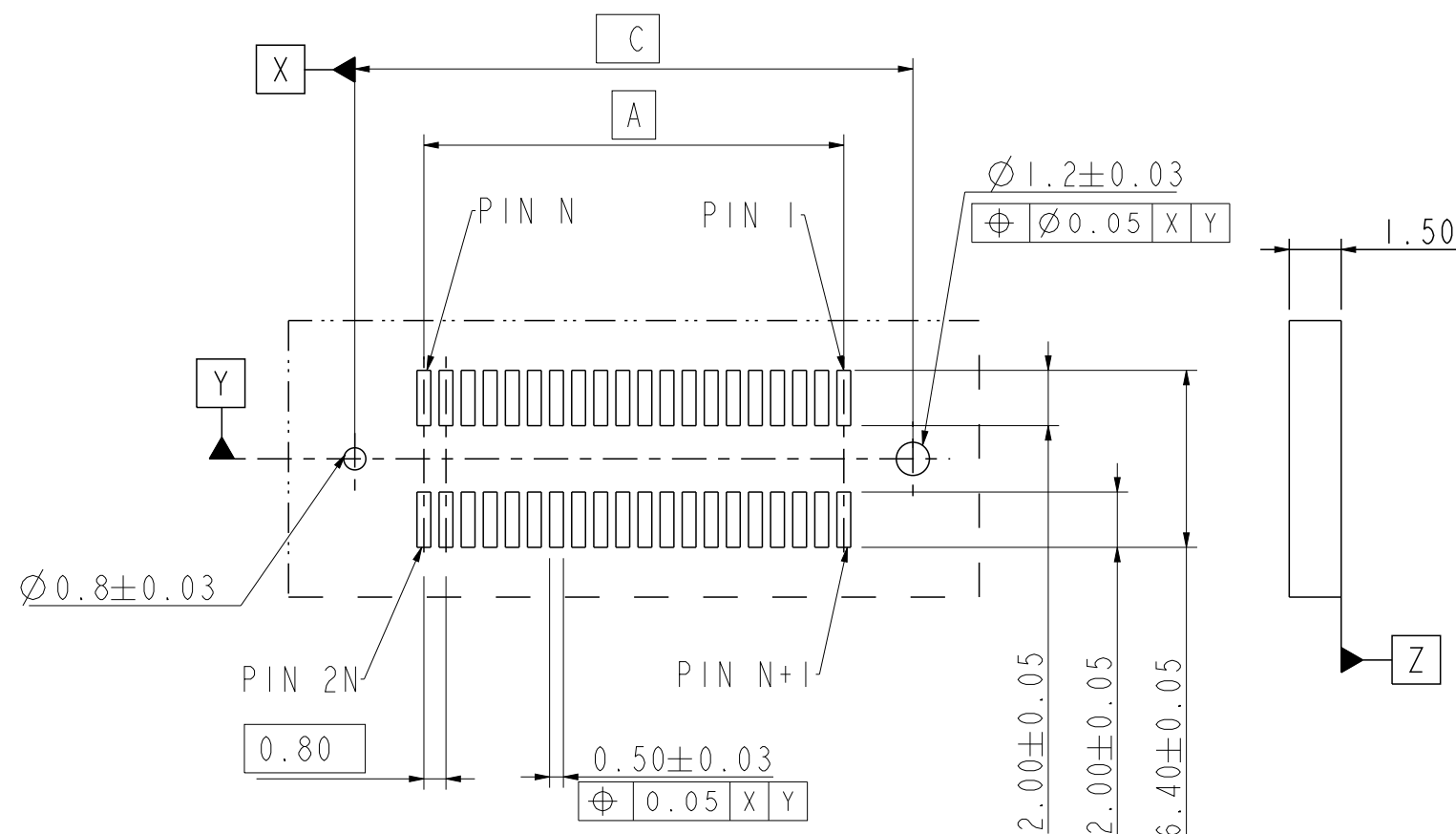
D

A

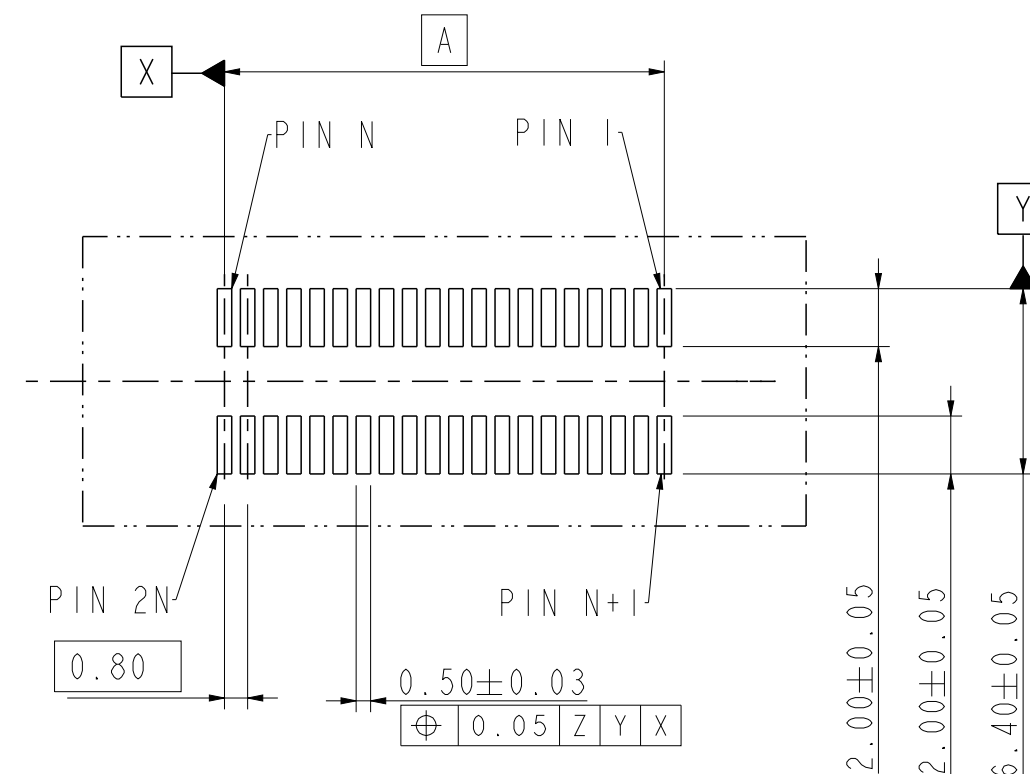
B

C

D



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



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

RECEPTACLE 1

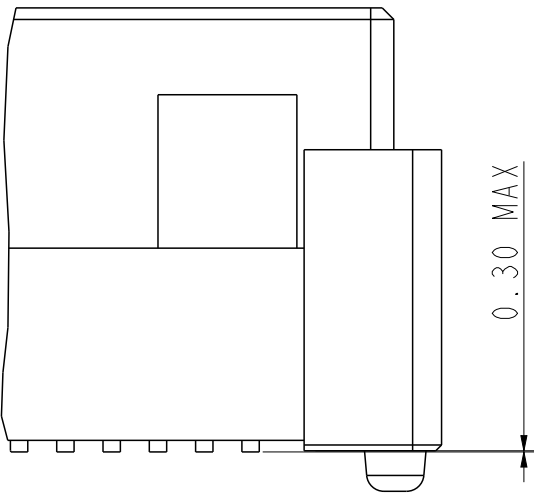
|                                                                                                              |        |         |           |                 |                                          |            |                |                                                                                       |                 |                                                                                       |           |               |          |              |
|--------------------------------------------------------------------------------------------------------------|--------|---------|-----------|-----------------|------------------------------------------|------------|----------------|---------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|-----------|---------------|----------|--------------|
| spec ref -                                                                                                   |        |         |           | dr              | Eric Huang                               | 2016/08/02 | projection     |  | mm              |  | size      | A3            | scale    | DRAWING SCAL |
| tolerance std                                                                                                |        |         |           | eng             | Bob Gu                                   | 2018/01/05 |                |                                                                                       |                 |                                                                                       | ecn no    | ELX-N-28955-1 |          |              |
| ISO 406<br>ISO 1101                                                                                          |        |         |           | chr             | -                                        | -          |                |                                                                                       |                 |                                                                                       |           |               |          |              |
|                                                                                                              |        |         |           | appr            | Tim Yao                                  | 2018/01/09 | product family |                                                                                       |                 |                                                                                       | rel level | Released      |          |              |
| 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>D |              |
|                                                                                                              |        | 0.XX    | ±0.15     |                 |                                          |            |                |                                                                                       |                 |                                                                                       |           |               |          |              |
|                                                                                                              |        | 0.XXX   | ±0.08     |                 |                                          |            |                |                                                                                       |                 |                                                                                       |           |               |          |              |
|                                                                                                              |        | angular | 0°<br>±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

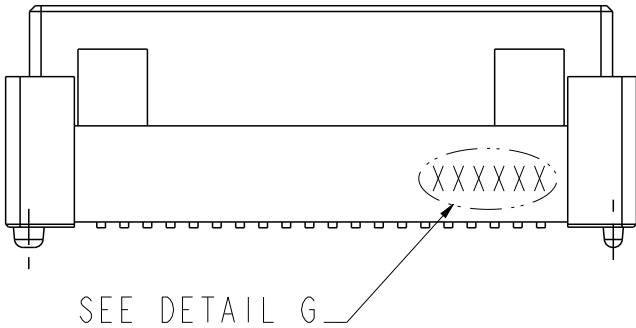
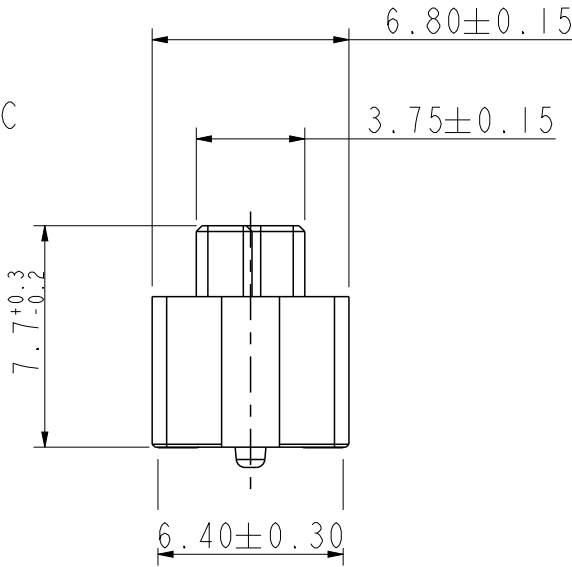
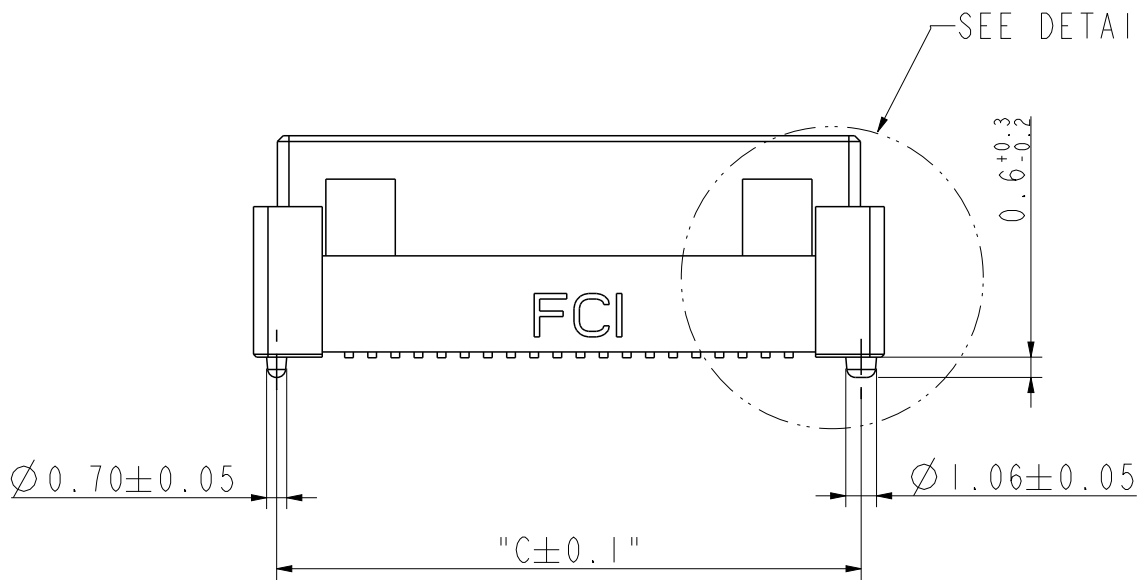
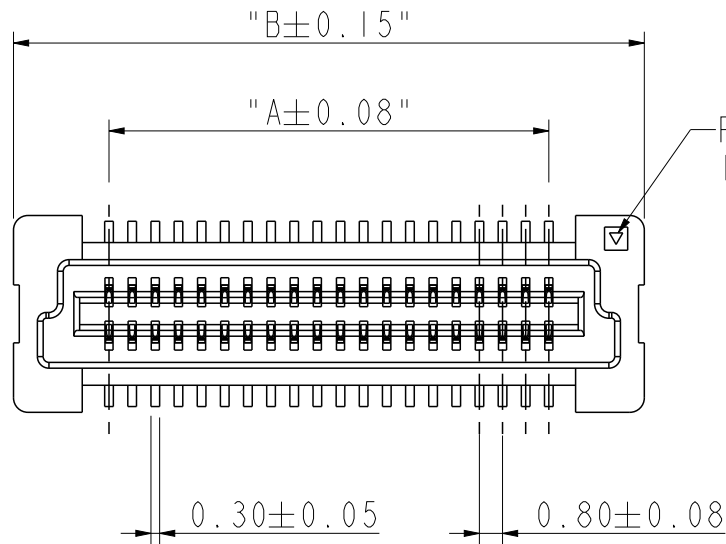
DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL G  
SCALE 5:1



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

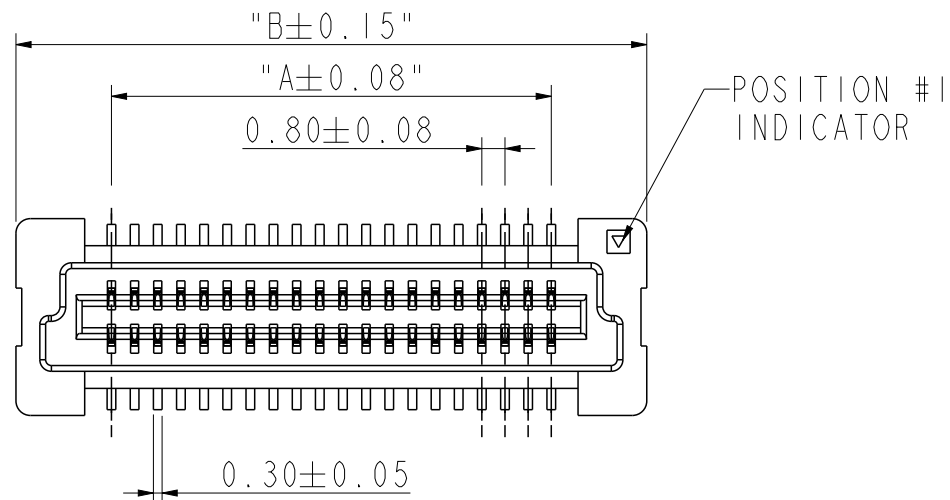
DETAIL C  
SCALE 8:1



RECEPTACLE 2

|                                          |                                       |       |       |                 |            |                                    |                                                                                                     |                                                                                             |              |               |       |               |   |
|------------------------------------------|---------------------------------------|-------|-------|-----------------|------------|------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------|---------------|-------|---------------|---|
| spec ref                                 |                                       | -     |       | dr              | Eric Huang | 2016/08/02                         | projection<br> | mm<br> | size         | A3            | scale | DRAWING SCALE |   |
| tolerance std<br><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><br>ISO 1302                  | linear                                | 0.X   | ±0.3  | Amphenol<br>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 4 of 6 |               |       |               |   |

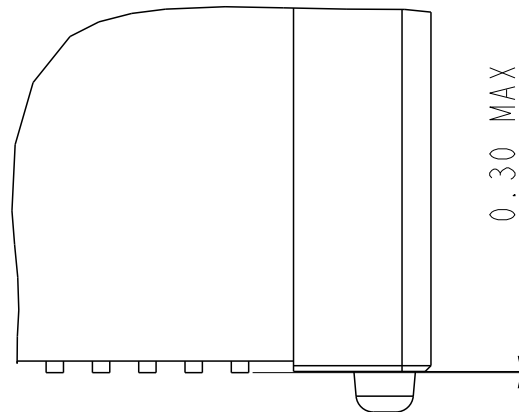
RECEPTACLE 3



DATE CODE: XXXXXX

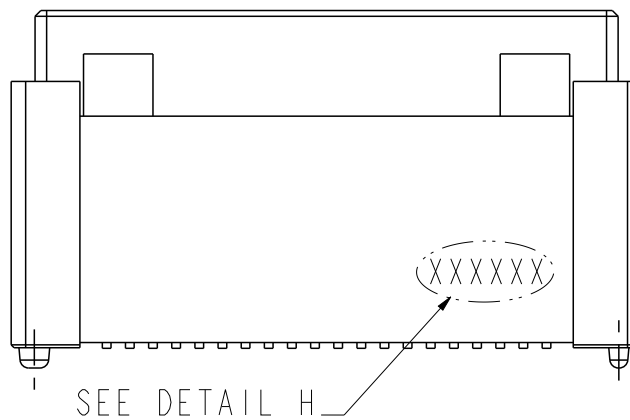
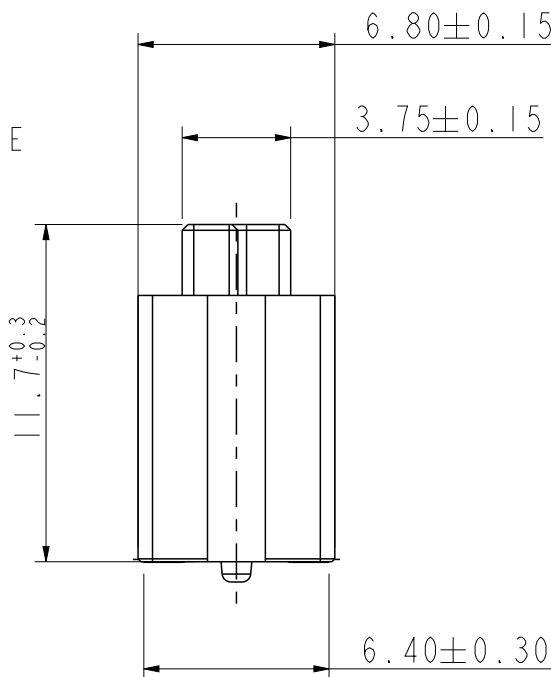
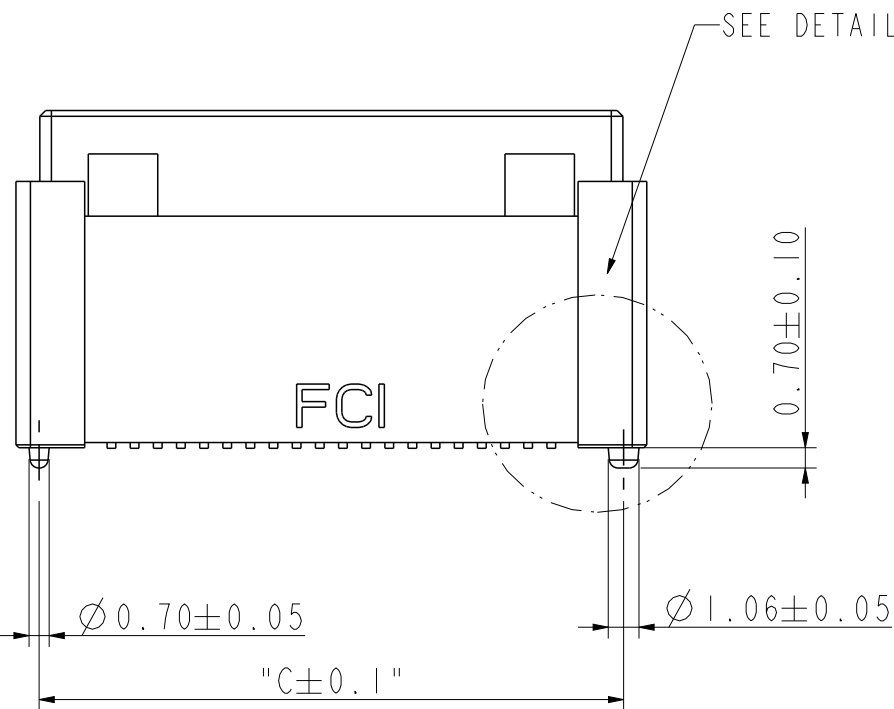
DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL H  
SCALE 5:1



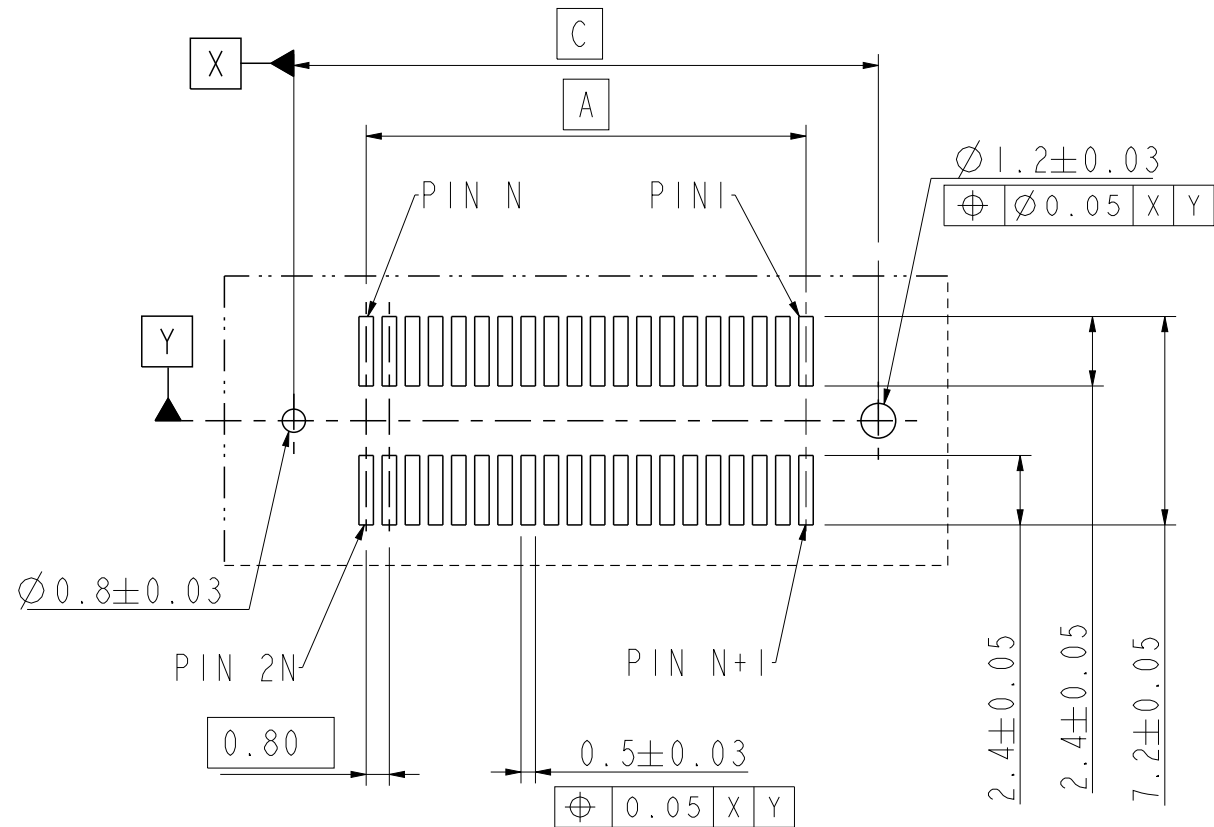
COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X40 AND 2X60 POS.

DETAIL C  
SCALE 8:1

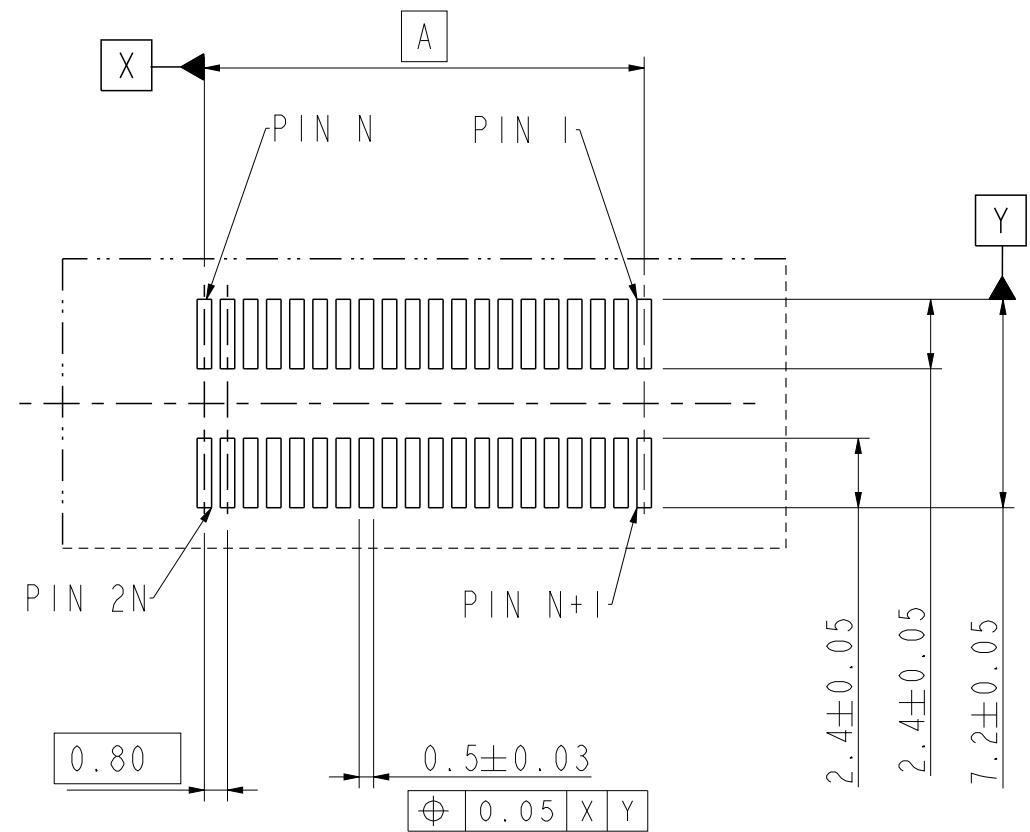


|                                       |  |          |  |               |  |            |  |              |  |                |  |                       |  |                        |  |       |  |
|---------------------------------------|--|----------|--|---------------|--|------------|--|--------------|--|----------------|--|-----------------------|--|--------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

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> | size                 | A3       | scale |          |
| tolerance std                  |  |         |       | eng Bob Gu    |                 | 2018/01/05                               |  |                                                 | DRAWING SCALE        |          |       |          |
| ISO 406                        |  |         |       | chr -         |                 | -                                        |  |                                                 | ecn no ELX-N-28955-1 |          |       |          |
| ISO 1101                       |  |         |       | appr Tim Yao  |                 | 2018/01/09                               |  |                                                 | rel level Released   |          |       |          |
| surface<br><div>ISO 1302</div> |  | 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                          |                      |          |       |          |

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