



D

Amphenol  
FCI

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D

10069524-

AA B C D E V F F

| AA | POSITION |
|----|----------|
| 04 | 2X20     |
| 06 | 2X30     |
| 08 | 2X40     |
| 10 | 2X50     |
| 12 | 2X60     |
| 14 | 2X70     |
| 16 | 2X80     |
| 18 | 2X90     |
| 20 | 2X100    |

| B                           | FOR PLUG, SEE DWG. NO. 10069525 |        |        |        |
|-----------------------------|---------------------------------|--------|--------|--------|
| COMBINATION OF MATED HEIGHT | Plug 1                          | Plug 2 | Plug 3 | Plug 4 |
| Recep 1                     |                                 |        |        |        |
| Recep 2                     |                                 |        |        |        |
| Recep 3                     |                                 |        |        |        |
|                             |                                 |        |        |        |

#### NOTES:

- MATERIAL  
HOUSING: LCP UL 94V-0  
TERMINAL: NICKEL COPPER
- PLATING  
AS SHOWN IN TABLE.
- SEE GS-12-547 FOR PRODUCT SPEC.
- SEE GS-14-551 AND GS-14-816 FOR THE DETAILS OF PACKAGING.  
PRODUCT WILL BE PACKED IN ACCORDANCE TO GLOBAL PROCEDURE GS-14-920.
- 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 STAND EXPOSURE UP TO 260° PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR REFLOW OVEN.
- PLATING OPTION "4" IS LEADFREE ALTERNATIVE FOR OPTION "0", AND OPTION "6" IS LEADFREE ALTERNATIVE FOR OPTION "1".
- THIS PARTNUMBER ONLY CATER FOR SPECIAL CUSTOMER REQUIREMENT OF COPLANARITY OF 0.1 FOR ALL POSITION.

|   |                |
|---|----------------|
| V | MANDATORY CODE |
| / | STANDARD       |
| H | FOR HUAWEI     |

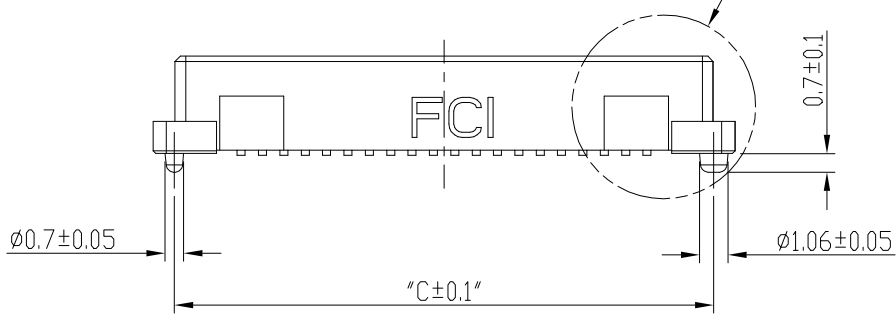
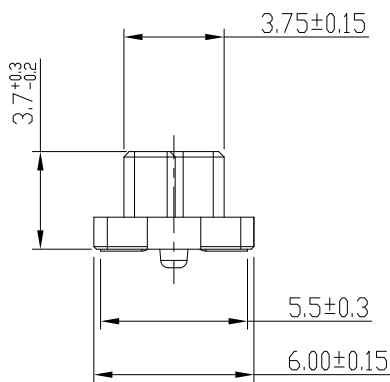
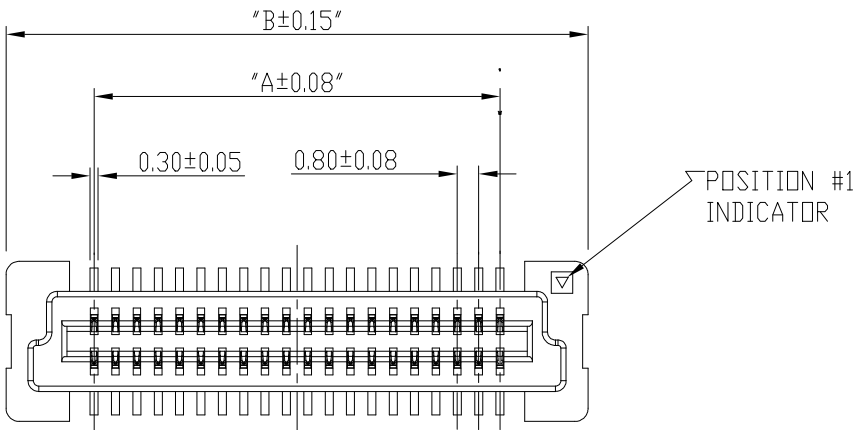
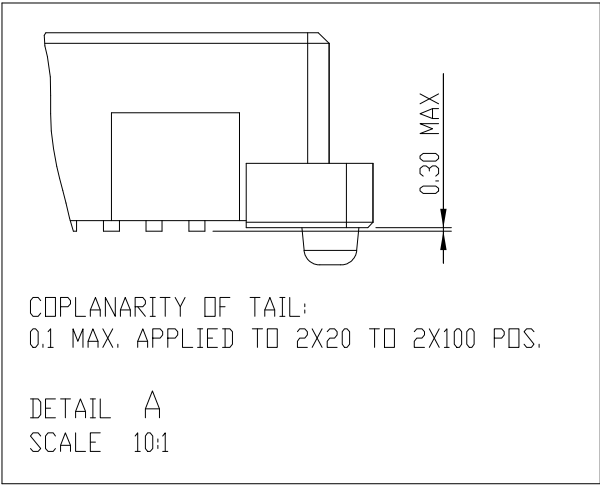
| E | PACKAGING              |
|---|------------------------|
| 0 | TUBE WITHOUT METAL CAP |
| 2 | T&R WITH METAL CAP     |
| 9 | TUBE WITH METAL CAP    |

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

| C | PLATING ON CONTACT AREA                                                                                                           | FF   |
|---|-----------------------------------------------------------------------------------------------------------------------------------|------|
| 0 | GOLD 0.2um MIN / TIN LEAD<br>NICKEL UNDERPLATE OVERALL 1.27um MIN                                                                 | NONE |
| 1 | GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL<br>0.76um MIN / TIN LEAD<br>NICKEL UNDERPLATE OVERALL 1.27um MIN                     | NONE |
| 4 | GOLD 0.2um MIN / PURE TIN 2um MIN (LEAD FREE)<br>NICKEL UNDERPLATE OVERALL 1.27um MIN                                             | LF   |
| 5 | GOLD 0.38um MIN / PURE TIN 2um MIN (LEAD FREE)<br>NICKEL UNDERPLATE OVERALL 1.27um MIN                                            | LF   |
| 6 | GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL<br>0.76um MIN / PURE TIN 2um MIN (LEAD FREE)<br>NICKEL UNDERPLATE OVERALL 1.27um MIN | LF   |
| 9 | GOLD 0.2um MIN / GOLD 0.05um MIN (LEAD FREE)<br>NICKEL UNDERPLATE OVERALL 1.27um MIN                                              | LF   |

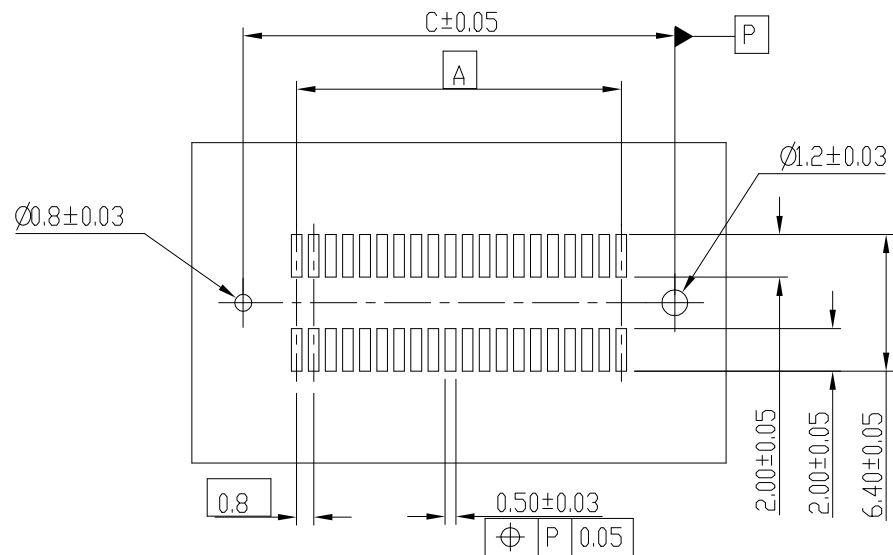
| mat'l. code |                |     |          | surface                               | tolerance | projection | product family                |  |
|-------------|----------------|-----|----------|---------------------------------------|-----------|------------|-------------------------------|--|
|             |                |     |          | ISO 1302                              | ISO 406   | ISO 1101   | BERGSTAK HPL545               |  |
| ltr         | ecn no         | dr  | date     | tolerances unless otherwise specified |           | mm         | title                         |  |
| A           | S06-0286       | MCH | 08/25/06 | angles                                | .0±.2     |            | RECEPTACLE ASSY               |  |
| B           | S06-0316       | MCH | 09/25/06 | linear                                | .00±.15   |            | BERGSTAK 0.8MM                |  |
| C           | S09-0326       | MCH | 10/21/09 | X±2'                                  | .000±.10  | scale 1:1  |                               |  |
| D           | ELX-N-20407    | Jim | 03/26/15 | dr                                    | M. Cheong | 08/25/06   | dwg no                        |  |
| E           | ELX-N-28867    | Bob | 12/22/17 | engr                                  | Bob Gu    | 11/22/18   | sheet 1 of 6                  |  |
| F           | ELX-N-31885    | Bob | 11/22/18 | chr                                   | LQ Lei    | 11/22/18   | size                          |  |
|             |                |     |          | appd                                  | Tim Yao   | 11/22/18   | 10069524                      |  |
|             |                |     |          |                                       |           |            | type Product Customer Drawing |  |
| sheet index | revision sheet | E   | F        |                                       |           |            |                               |  |
|             |                | 1~6 | 1~6      |                                       |           |            |                               |  |

| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10069524-041*** | 2X20                | 15.2      | 21.8 | 20.2 |
| 10069524-061*** | 2X30                | 23.2      | 29.8 | 28.2 |
| 10069524-081*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 10069524-101*** | 2X50                | 39.2      | 45.8 | 44.2 |
| 10069524-121*** | 2X60                | 47.2      | 53.8 | 52.2 |
| 10069524-141*** | 2X70                | 55.2      | 61.8 | 60.2 |
| 10069524-161*** | 2X80                | 63.2      | 69.8 | 68.2 |
| 10069524-181*** | 2X90                | 71.2      | 77.8 | 76.2 |
| 10069524-201*** | 2X100               | 79.2      | 85.8 | 84.2 |

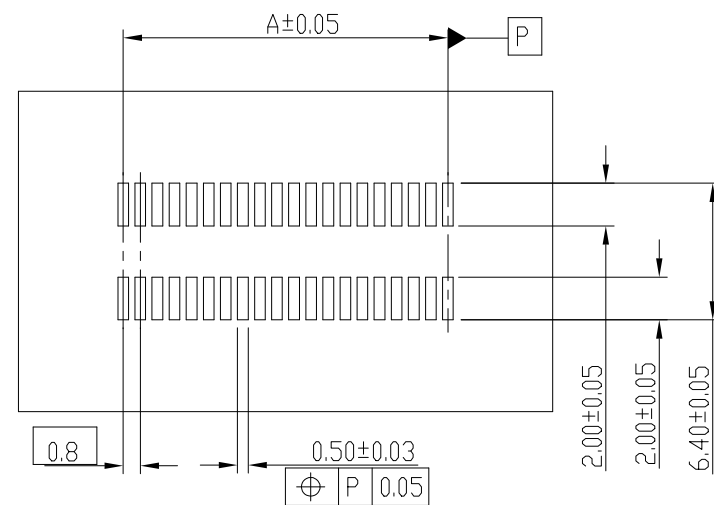


|                    |  |          |  |                                       |  |           |                  |          |  |            |  |                               |  |             |  |      |  |
|--------------------|--|----------|--|---------------------------------------|--|-----------|------------------|----------|--|------------|--|-------------------------------|--|-------------|--|------|--|
| mat'l. code        |  |          |  | surface                               |  |           | tolerance        |          |  | projection |  | product family                |  |             |  |      |  |
|                    |  |          |  | ISO 1302                              |  |           | ISO 406 ISO 1101 |          |  |            |  | BERGSTAK HPL545               |  |             |  |      |  |
| ltr ecn no dr date |  |          |  | tolerances unless otherwise specified |  |           |                  |          |  | title      |  |                               |  |             |  |      |  |
| F                  |  |          |  | angles                                |  | linear    |                  | .0±.2    |  |            |  | RECEPTACLE ASSY               |  |             |  |      |  |
|                    |  |          |  |                                       |  |           |                  | .00±.15  |  |            |  | BERGSTAK 0.8MM                |  |             |  |      |  |
|                    |  |          |  | X±2°                                  |  |           |                  | .000±.10 |  | scale 1:1  |  |                               |  |             |  |      |  |
|                    |  |          |  | dr                                    |  | M. Cheong |                  | 08/25/06 |  |            |  | dwg no                        |  | sheet2 of 6 |  | size |  |
|                    |  |          |  | enr                                   |  | Bob Gu    |                  | 11/22/18 |  |            |  | 10069524                      |  |             |  |      |  |
|                    |  |          |  | chr                                   |  | LQ Lei    |                  | 11/22/18 |  |            |  |                               |  | A3          |  |      |  |
|                    |  |          |  | appd                                  |  | Tim Yao   |                  | 11/22/18 |  |            |  | type Product Customer Drawing |  |             |  |      |  |
| sheet index        |  | revision |  | F                                     |  |           |                  |          |  |            |  |                               |  |             |  |      |  |
|                    |  | sheet    |  | 1~6                                   |  |           |                  |          |  |            |  |                               |  |             |  |      |  |

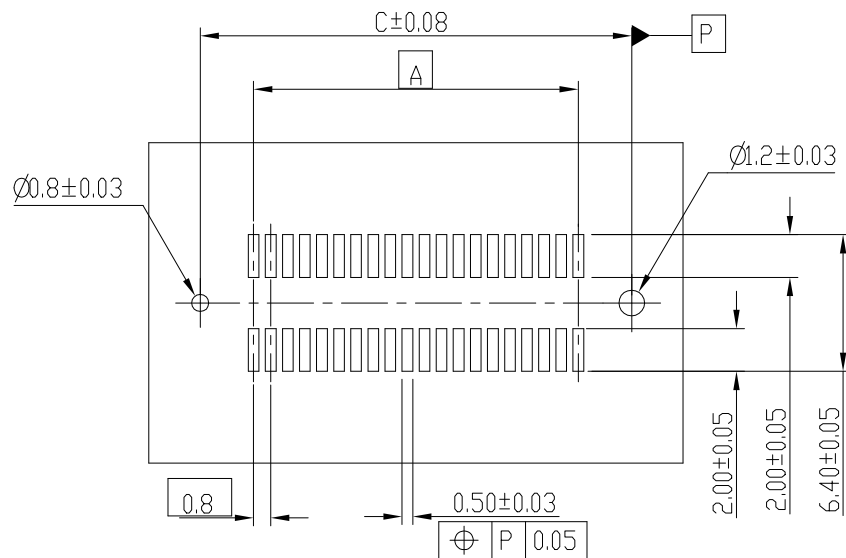
# RECEPTACLE 1



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



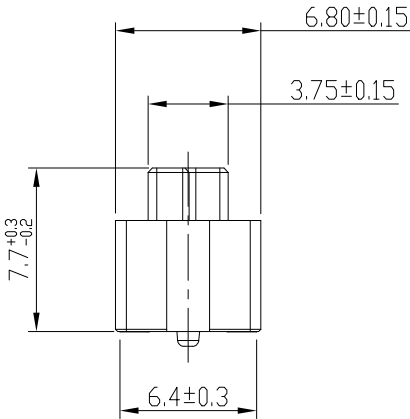
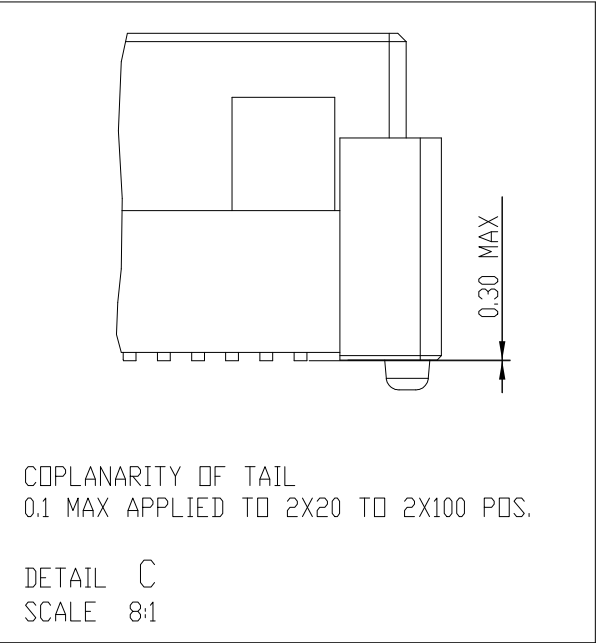
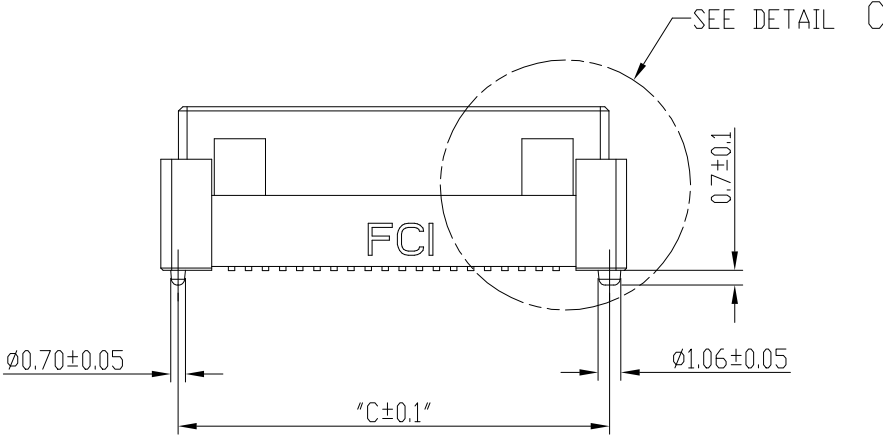
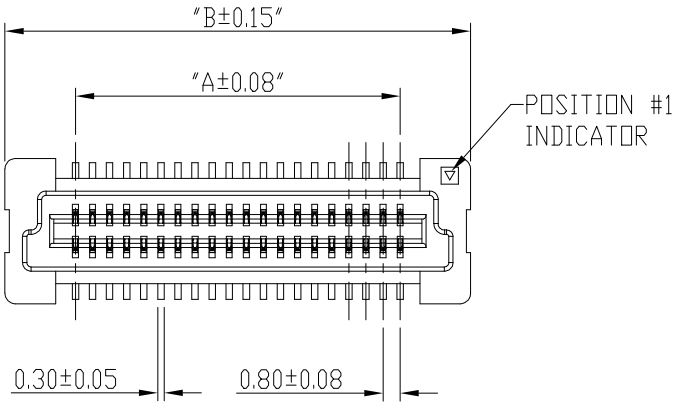
RECOMMENDED PCB LAYOUT WITHOUT PEGS



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

|             |          |     |      |                                       |           |                               |  |                 |                                            |                                                 |  |  |  |
|-------------|----------|-----|------|---------------------------------------|-----------|-------------------------------|--|-----------------|--------------------------------------------|-------------------------------------------------|--|--|--|
| mat'l. code |          |     |      | surface<br>ISO 1302 ✓                 |           | tolerance<br>ISO 406 ISO 1101 |  | projection<br>  |                                            | product family<br>BERGSTAK HPL545               |  |  |  |
| ltr         | ecn no   | dr  | date | tolerances unless otherwise specified |           |                               |  |                 | title<br>RECEPTACLE ASSY<br>BERGSTAK 0.8MM |                                                 |  |  |  |
| F           |          |     |      | angles                                | linear    | .0±.2<br>.00±.15<br>.000±.10  |  | scale 1:1       |                                            | dwg no<br>sheet3 of 6<br>size<br>10069524<br>A3 |  |  |  |
|             |          |     |      | X*2*                                  |           |                               |  |                 |                                            |                                                 |  |  |  |
|             |          |     |      | dr                                    | M. Cheong | 08/25/06                      |  |                 |                                            |                                                 |  |  |  |
|             |          |     |      | engr                                  | Bob Gu    | 11/22/18                      |  | Amphenol<br>FCI |                                            |                                                 |  |  |  |
|             |          |     |      | chr                                   | LQ Lei    | 11/22/18                      |  |                 |                                            |                                                 |  |  |  |
|             |          |     |      | appd                                  | Tim Yao   | 11/22/18                      |  |                 |                                            | type Product Customer Drawing                   |  |  |  |
| sheet index | revision | F   |      |                                       |           |                               |  |                 |                                            |                                                 |  |  |  |
|             | sheet    | 1~6 |      |                                       |           |                               |  |                 |                                            |                                                 |  |  |  |

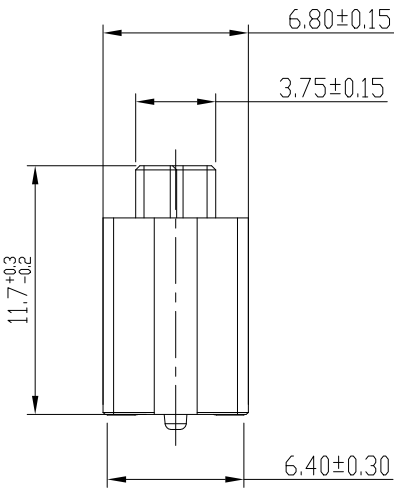
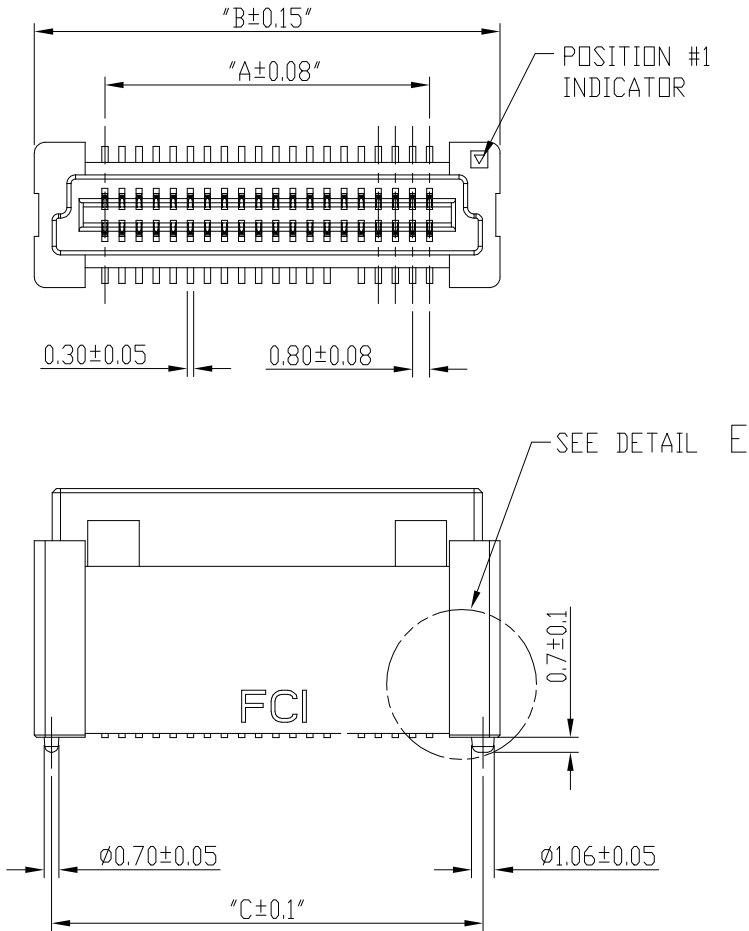
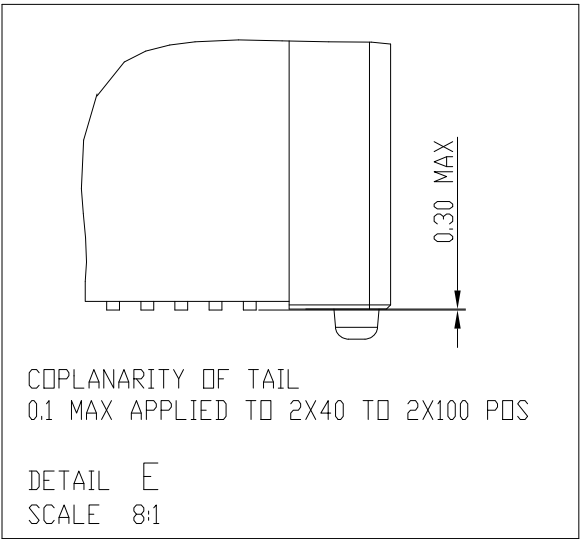
| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10069524-042*** | 2X20                | 15.2      | 21.8 | 20.2 |
| 10069524-062*** | 2X30                | 23.2      | 29.8 | 28.2 |
| 10069524-082*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 10069524-102*** | 2X50                | 39.2      | 45.8 | 44.2 |
| 10069524-122*** | 2X60                | 47.2      | 53.8 | 52.2 |
| 10069524-142*** | 2X70                | 55.2      | 61.8 | 60.2 |
| 10069524-162*** | 2X80                | 63.2      | 69.8 | 68.2 |
| 10069524-182*** | 2X90                | 71.2      | 77.8 | 76.2 |
| 10069524-202*** | 2X100               | 79.2      | 85.8 | 84.2 |



RECEPTACLE 2

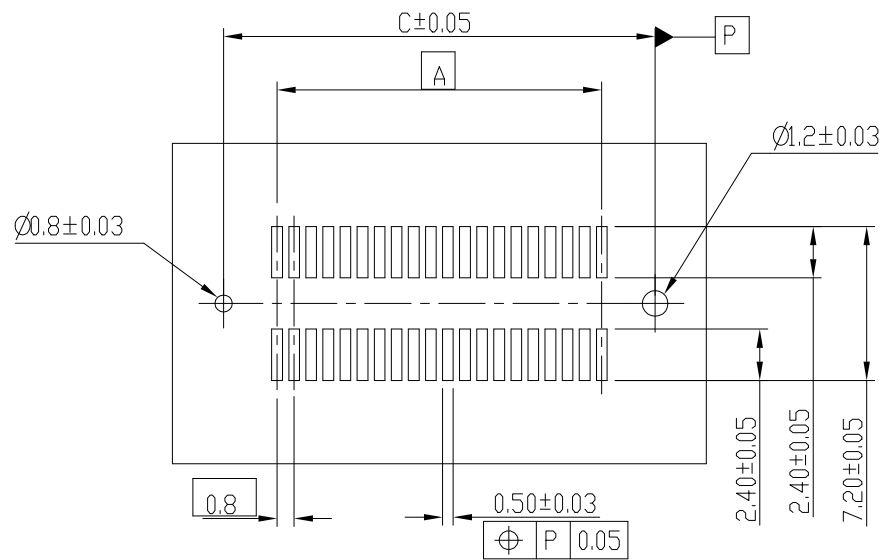
|             |                |       |      |                                       |                               |                  |                                            |  |  |  |
|-------------|----------------|-------|------|---------------------------------------|-------------------------------|------------------|--------------------------------------------|--|--|--|
| mat'l. code |                |       |      | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406 ISO 1101 | projection<br>mm | product family<br>BERGSTAK HPL545          |  |  |  |
| ltr         | ecn no         | dr    | date | tolerances unless otherwise specified | linear                        | mm               | title<br>RECEPTACLE ASSY<br>BERGSTAK 0.8MM |  |  |  |
| F           |                |       |      | angles                                | .0±.2                         |                  | dwg no<br>10069524                         |  |  |  |
|             |                |       |      | X±2°                                  | .00±.15                       | scale 1:1        |                                            |  |  |  |
|             |                |       |      |                                       | .000±.10                      |                  | sheet4 of 6                                |  |  |  |
|             |                |       |      | dr                                    | M. Cheong                     | 08/25/06         | size<br>A3                                 |  |  |  |
|             |                |       |      | engr                                  | Bob Gu                        | 11/22/18         |                                            |  |  |  |
|             |                |       |      | chr                                   | LQ Lei                        | 11/22/18         | type<br>Product Customer Drawing           |  |  |  |
|             |                |       |      | appd                                  | Tim Yao                       | 11/22/18         |                                            |  |  |  |
| sheet index | revision sheet | F 1~6 |      |                                       |                               |                  |                                            |  |  |  |

| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10069524-043*** | 2X20                | 15.2      | 21.8 | 20.2 |
| 10069524-063*** | 2X30                | 23.2      | 29.8 | 28.2 |
| 10069524-083*** | 2X40                | 31.2      | 37.8 | 36.2 |
| 10069524-103*** | 2X50                | 39.2      | 45.8 | 44.2 |
| 10069524-123*** | 2X60                | 47.2      | 53.8 | 52.2 |
| 10069524-143*** | 2X70                | 55.2      | 61.8 | 60.2 |
| 10069524-163*** | 2X80                | 63.2      | 69.8 | 68.2 |
| 10069524-183*** | 2X90                | 71.2      | 77.8 | 76.2 |
| 10069524-203*** | 2X100               | 79.2      | 85.8 | 84.2 |

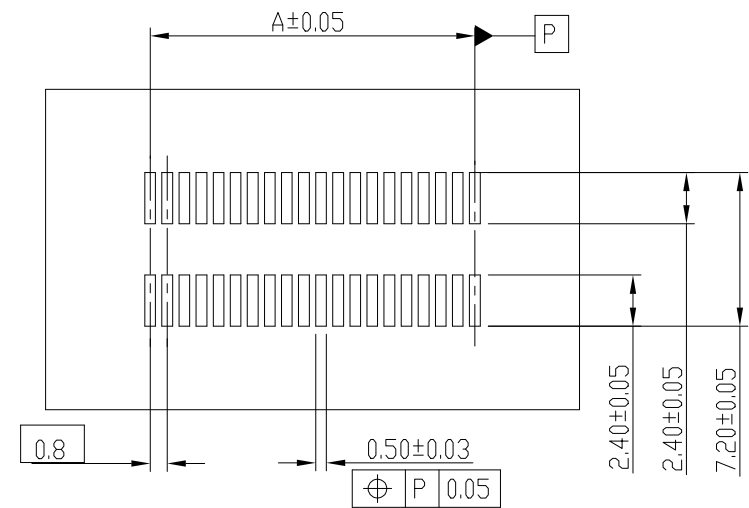


|             |          |     |  |         |          |    |           |            |           |            |                          |  |  |  |
|-------------|----------|-----|--|---------|----------|----|-----------|------------|-----------|------------|--------------------------|--|--|--|
| mat'l. code |          |     |  | surface | ISO 1302 | ✓  | tolerance | ISO 406    | ISO 1101  | projection | product family           |  |  |  |
| ltr         |          |     |  | ecn     | no       | dr | date      | tolerances | unless    | otherwise  | BERGSTAK HPL545          |  |  |  |
| F           |          |     |  |         |          |    |           | angles     | linear    | .0±.2      | title                    |  |  |  |
|             |          |     |  |         |          |    |           | X'±2'      |           | .00±.15    | RECEPTACLE ASSY          |  |  |  |
|             |          |     |  |         |          |    |           |            |           | .000±.10   | BERGSTAK 0.8MM           |  |  |  |
|             |          |     |  |         |          |    |           | dr         | M. Cheong | 08/25/06   | dwg no                   |  |  |  |
|             |          |     |  |         |          |    |           | engr       | Bob Gu    | 11/22/18   | sheet5 of 6              |  |  |  |
|             |          |     |  |         |          |    |           | chr        | LQ Lei    | 11/22/18   | size                     |  |  |  |
|             |          |     |  |         |          |    |           | appd       | Tim Yao   | 11/22/18   | 10069524                 |  |  |  |
|             |          |     |  |         |          |    |           |            |           |            | type                     |  |  |  |
|             |          |     |  |         |          |    |           |            |           |            | Product Customer Drawing |  |  |  |
| sheet       | revision | F   |  |         |          |    |           |            |           |            |                          |  |  |  |
| index       | sheet    | 1~6 |  |         |          |    |           |            |           |            |                          |  |  |  |

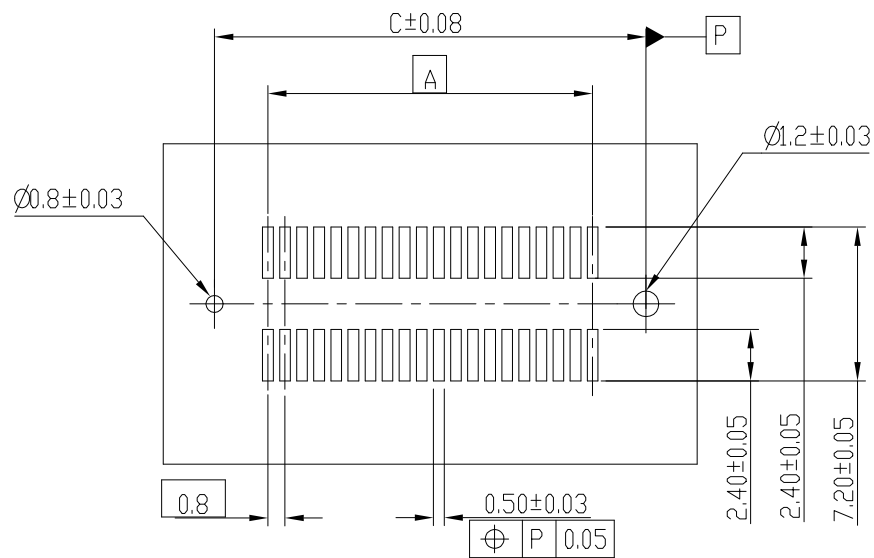
RECEPTACLE 2 & 3



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



RECOMMENDED PCB LAYOUT WITHOUT PEGS AND HOLD DOWN



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

|             |          |     |      |                                       |           |           |         |          |            |                 |  |                          |      |
|-------------|----------|-----|------|---------------------------------------|-----------|-----------|---------|----------|------------|-----------------|--|--------------------------|------|
| mat'l. code |          |     |      | surface                               | ISO 1302  | tolerance | ISO 406 | ISO 1101 | projection | product family  |  |                          |      |
|             |          |     |      |                                       | ✓         |           |         |          | 1101       | BERGSTAK HPL545 |  |                          |      |
| ltr         | ecn no   | dr  | date | tolerances unless otherwise specified |           |           |         |          |            | title           |  |                          |      |
| F           |          |     |      | angles                                |           | .0±.2     |         |          | mm         | RECEPTACLE ASSY |  |                          |      |
|             |          |     |      | linear                                |           | .00±.15   |         |          |            | BERGSTAK 0.8MM  |  |                          |      |
|             |          |     |      | X'±2'                                 |           | .000±.10  |         |          | scale 1:1  |                 |  |                          |      |
|             |          |     |      | dr                                    | M. Cheong | 08/25/06  |         |          |            | dwg no          |  | sheet 6 of 6             | size |
|             |          |     |      | enr                                   | Bob Gu    | 11/22/18  |         |          |            | 10069524        |  |                          | A3   |
|             |          |     |      | chr                                   | LQ Lei    | 11/22/18  |         |          |            |                 |  |                          |      |
|             |          |     |      | appd                                  | Tim Yao   | 11/22/18  |         |          |            | type            |  | Product Customer Drawing |      |
| sheet index | revision | F   |      |                                       |           |           |         |          |            |                 |  |                          |      |
|             | sheet    | 1~6 |      |                                       |           |           |         |          |            |                 |  |                          |      |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)