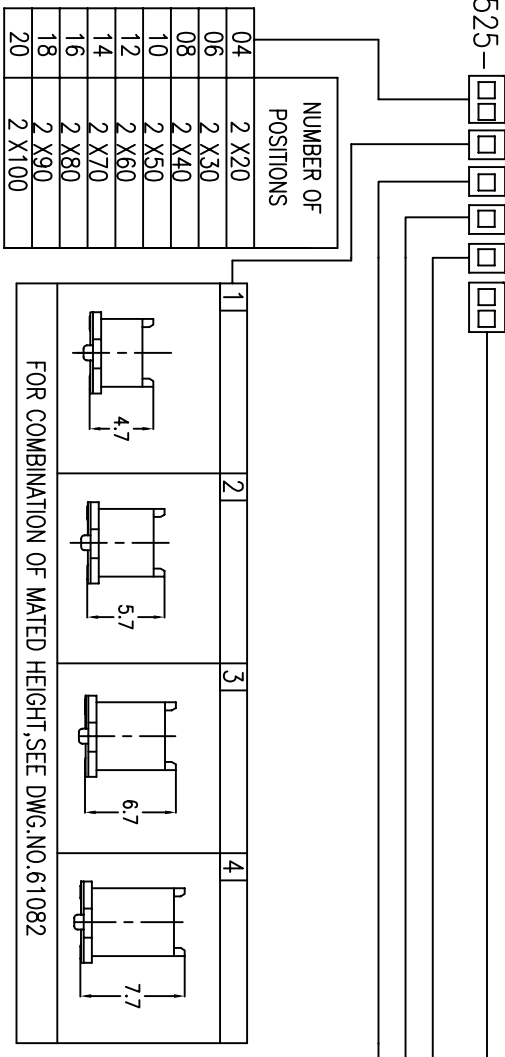


10069525 -



| PACKAGING |                      |
|-----------|----------------------|
| 0         | TUBE WITHOUT CAP     |
| 2         | TAPE & REEL WITH CAP |
| 9         | TUBE WITH CAP        |

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

## NOTES:

1. MATERIAL:  
HOUSING: G.F.LCP UL94V-0  
TERMINAL: BRASS

2. PLATING:  
AS TABLE SHOW.

3. SEE GS-12-148 FOR PRODUCT SPECIFICATION.

4. SEE GS-14-551 AND GS-14-816 FOR PACKAGING SPECIFICATION.

5. PACKING OPTION 3: "CUSTOMER-SPECIFIC; LIMITED TO CERTAIN SIZES"  
PACKING OPTION 2: NOT ALL SIZES AVAILABLE; CHECK WITH FACTORY"

6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE  
FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW  
OVEN.

8. PLATING OPTION '4' IS LEADFREE ALTERNATIVE FOR OPTION '0', AND  
OPTION '6' IS LEADFREE ALTERNATIVE FOR OPTION '1'.

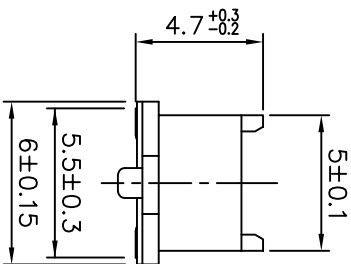
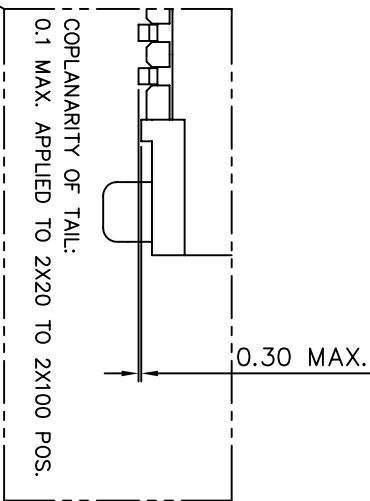
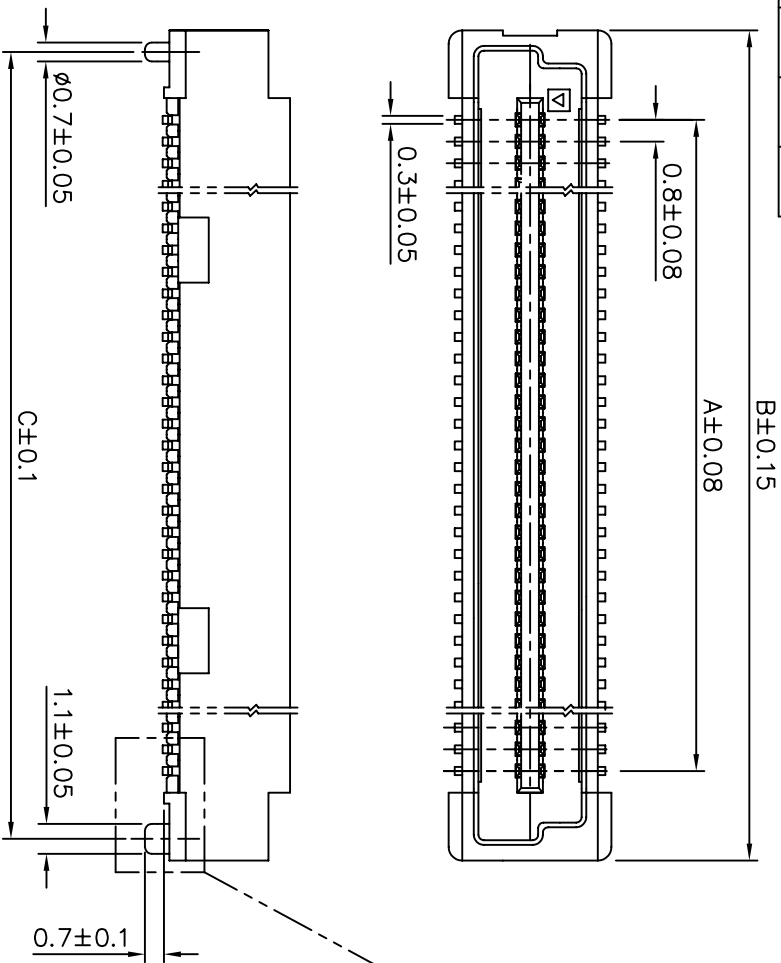
9. THIS PARTNUMBER IS ONLY CATER FOR SPECIAL CUSTOMER  
REQUIREMENTS OF COPLANARITY OF 0.1 FOR ALL POSITIONS.

10. A  $\Delta$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH  
HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

| PLATING ON CONTACT AREA. |                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 0                        | GOLD 0.2 um MIN. / TIN LEAD SOLDER                                                                                                   |
| 1                        | PALLADIUM-NICKEL 0.76 um MIN. / TIN LEAD SOLDER                                                                                      |
| 4                        | WITH GOLD FLASH (0.1 um MIN.) / TIN LEAD SOLDER                                                                                      |
| 4                        | GOLD 0.2 um MIN. / MATT PURE TIN ON SOLDER TAIL<br>(LEAD FREE PLATING)                                                               |
| 5                        | GOLD 0.38 um / MATT PURE TIN ON SOLDER TAIL<br>(LEAD FREE PLATING)                                                                   |
| 6                        | PALLADIUM-NICKEL 0.76 um MIN. / MATT PURE TIN<br>WITH GOLD FLASH (0.1 um MIN.) / MATT PURE TIN<br>ON SOLDER TAIL (LEAD FREE PLATING) |

| mat'l. code |          | surface |            | tolerance |                            | projection |            | product family       |      |
|-------------|----------|---------|------------|-----------|----------------------------|------------|------------|----------------------|------|
| ltr         | ecm no   | dr      | date       | tol       | unless otherwise specified | mm         | mm         | title                | size |
| A           | S06-0286 | MCH     | 2006-08-25 | angles    | .XX±0.20                   | MM         | MM         | 0.8mm BOARD TO BOARD | A4   |
| B           | S06-0316 | MCH     | 2006-08-25 | angles    | .XX±0.15                   | MM         | MM         | PLUG ASSY            | A4   |
| C           | S09-0216 | MCH     | 2009-06-26 | 0°±2°     | .XXX±0.10                  | MM         | MM         | 10069525             | A4   |
| D           | S10-0069 | MCH     | 2010-03-26 | dr        | scale 3:1                  | MM         | MM         | CUSTOMER Drawing     | A4   |
| -           | -        | -       | -          | engr      | M.CHEONG                   | 2006-08-25 | 2006-08-25 | sheet 1 of 6         | A4   |
| -           | -        | -       | -          | chr       | M.CHEONG                   | 2010-03-26 | 2010-03-26 | sheet 1 of 6         | A4   |
| -           | -        | -       | -          | appr      | JOEY NG                    | 2010-03-26 | 2010-03-26 | sheet 1 of 6         | A4   |
| sheet       | revision | D       | B          | B         | B                          | B          | B          | sheet 1 of 6         | A4   |
| index       | sheet    | 1       | 2          | 3         | 4                          | 5          | 6          | sheet 1 of 6         | A4   |

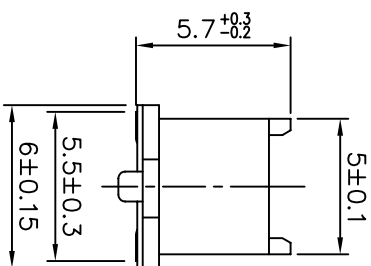
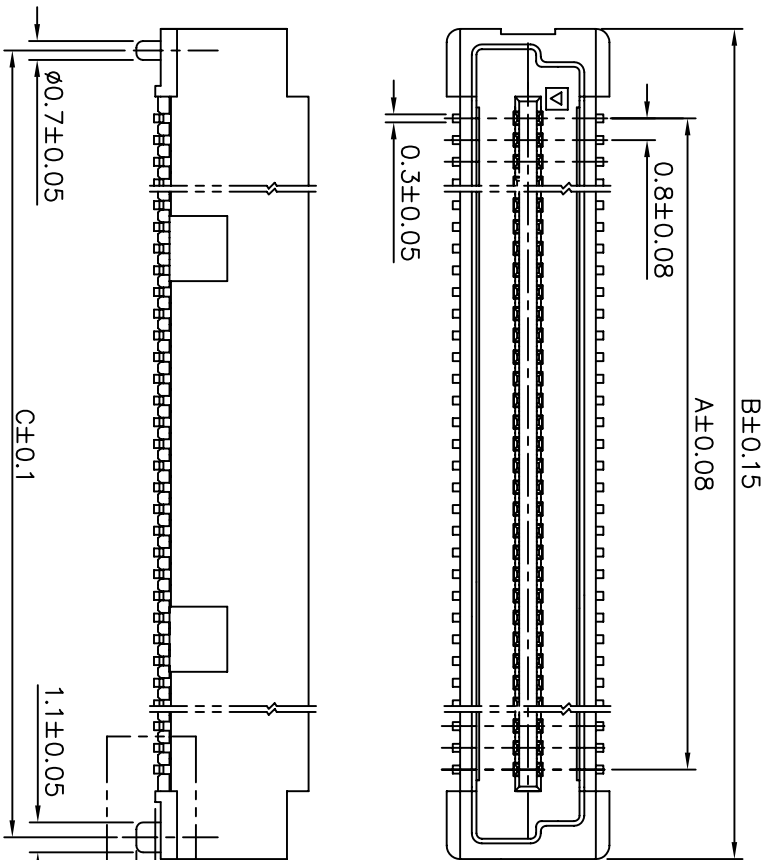
| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10059525-041*** | 2 X20               | 15.2      | 21.8 | 20.2 |
| 10059525-061*** | 2 X30               | 23.2      | 29.8 | 28.2 |
| 10059525-081*** | 2 X40               | 31.2      | 37.8 | 36.2 |
| 10059525-101*** | 2 X50               | 39.2      | 45.8 | 44.2 |
| 10059525-121*** | 2 X60               | 47.2      | 53.8 | 52.2 |
| 10059525-141*** | 2 X70               | 55.2      | 61.8 | 60.2 |
| 10059525-161*** | 2 X80               | 63.2      | 69.8 | 68.2 |
| 10059525-181*** | 2 X90               | 71.2      | 77.8 | 76.2 |
| 10059525-201*** | 2 X100              | 79.2      | 85.8 | 84.2 |



PLUG 1

| mat'l. code |              |            |            | surface |                            | tolerance  |            | projection |           | product family       |              |
|-------------|--------------|------------|------------|---------|----------------------------|------------|------------|------------|-----------|----------------------|--------------|
| ltr         | ecrn no      | dr         | date       | tol     | unless otherwise specified | ASME Y14.5 | ASME Y14.5 | MM         | scale 3:1 | dwg no               | sheet 2 of 6 |
| A           | S06-0286 MCH | 2006-08-25 | 2006-08-25 | angles  | .XX±0.20                   |            |            |            |           | 0.8mm BOARD TO BOARD |              |
| B           | S06-0316 MCH | 2006-08-25 | 2006-08-25 | 0°±2°   | .XX±0.15                   |            |            |            |           | PLUG ASS'y           |              |
| -           | -            | -          | -          | 0°±2°   | .XX±0.10                   |            |            |            |           |                      |              |
| -           | -            | -          | -          | dr      | M.CHEONG                   | 2006-08-25 |            |            |           |                      |              |
| -           | -            | -          | -          | enjr    | M.CHEONG                   | 2006-08-25 |            |            |           |                      |              |
| -           | -            | -          | -          | chr     | M.CHEONG                   | 2006-08-25 |            |            |           |                      |              |
| -           | -            | -          | -          | appd    | JOEY NG                    | 2006-08-25 |            |            |           |                      |              |
| Sheet       | revision     |            |            |         |                            |            |            |            |           |                      |              |
| Index       | sheet        |            |            |         |                            |            |            |            |           |                      |              |

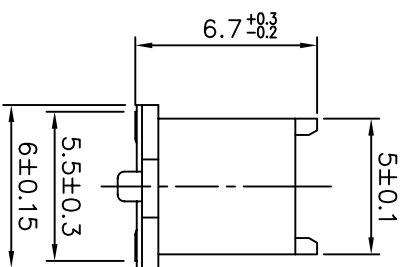
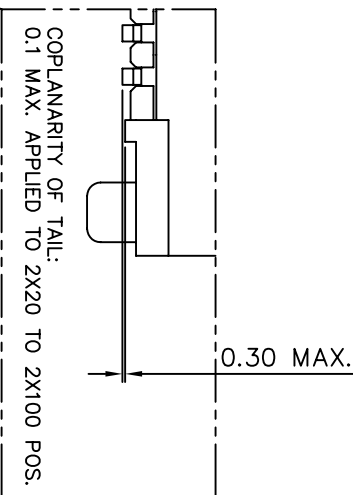
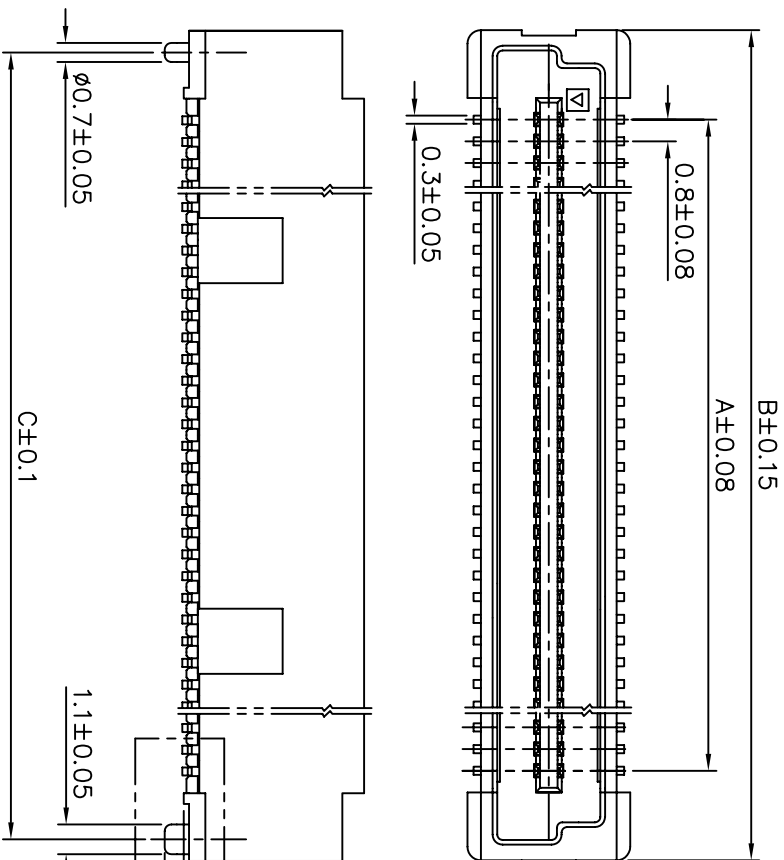
| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10069525-042*** | 2 X20               | 15.2      | 21.8 | 20.2 |
| 10069525-062*** | 2 X30               | 23.2      | 29.8 | 28.2 |
| 10069525-082*** | 2 X40               | 31.2      | 37.8 | 36.2 |
| 10069525-102*** | 2 X50               | 39.2      | 45.8 | 44.2 |
| 10069525-122*** | 2 X60               | 47.2      | 53.8 | 52.2 |
| 10069525-142*** | 2 X70               | 55.2      | 61.8 | 60.2 |
| 10069525-162*** | 2 X80               | 63.2      | 69.8 | 68.2 |
| 10069525-182*** | 2 X90               | 71.2      | 77.8 | 76.2 |
| 10069525-202*** | 2 X100              | 79.2      | 85.8 | 84.2 |



PLUG 2

| mat'l. code |              |            |            | surface |                            | tolerance  |            | projection |           | product family       |                  |
|-------------|--------------|------------|------------|---------|----------------------------|------------|------------|------------|-----------|----------------------|------------------|
| itr         | ecrn no      | dr         | date       | tol     | unless otherwise specified | ASME Y14.5 | ASME Y14.5 | MM         | scale 3:1 | title                | BERGSTAK         |
| A           | S06-0286 MCH | 2006-08-25 | 2006-08-25 | angles  | .XX±0.20                   |            |            |            |           | 0.8mm BOARD TO BOARD |                  |
| B           | S06-0316 MCH | 2006-08-25 | 2006-08-25 | 0°±2°   | .XXX±0.10                  |            |            |            |           | PLUG ASS'y           |                  |
| -           | -            | -          | -          | dr      | M.CHEONG                   | 2006-08-25 | 2006-08-25 |            |           | dwg no               | 10069525         |
| -           | -            | -          | -          | engr    | M.CHEONG                   | 2006-08-25 | 2006-08-25 |            |           | sheet 3 of 6         | A4               |
| -           | -            | -          | -          | chr     | M.CHEONG                   | 2006-08-25 | 2006-08-25 |            |           | type                 | CUSTOMER Drawing |
| -           | -            | -          | -          | appd    | JOEY NG                    | 2006-08-25 | 2006-08-25 |            |           |                      |                  |
| Sheet       | revision     |            |            |         |                            |            |            |            |           |                      |                  |
| Index       | sheet        |            |            |         |                            |            |            |            |           |                      |                  |

| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10069525-043*** | 2 X20               | 15.2      | 21.8 | 20.2 |
| 10069525-063*** | 2 X30               | 23.2      | 29.8 | 28.2 |
| 10069525-083*** | 2 X40               | 31.2      | 37.8 | 36.2 |
| 10069525-103*** | 2 X50               | 39.2      | 45.8 | 44.2 |
| 10069525-123*** | 2 X60               | 47.2      | 53.8 | 52.2 |
| 10069625-143*** | 2 X70               | 55.2      | 61.8 | 60.2 |
| 10069525-163*** | 2 X80               | 63.2      | 69.8 | 68.2 |
| 10069525-183*** | 2 X90               | 71.2      | 77.8 | 76.2 |
| 10069525-203*** | 2 X100              | 79.2      | 85.8 | 84.2 |

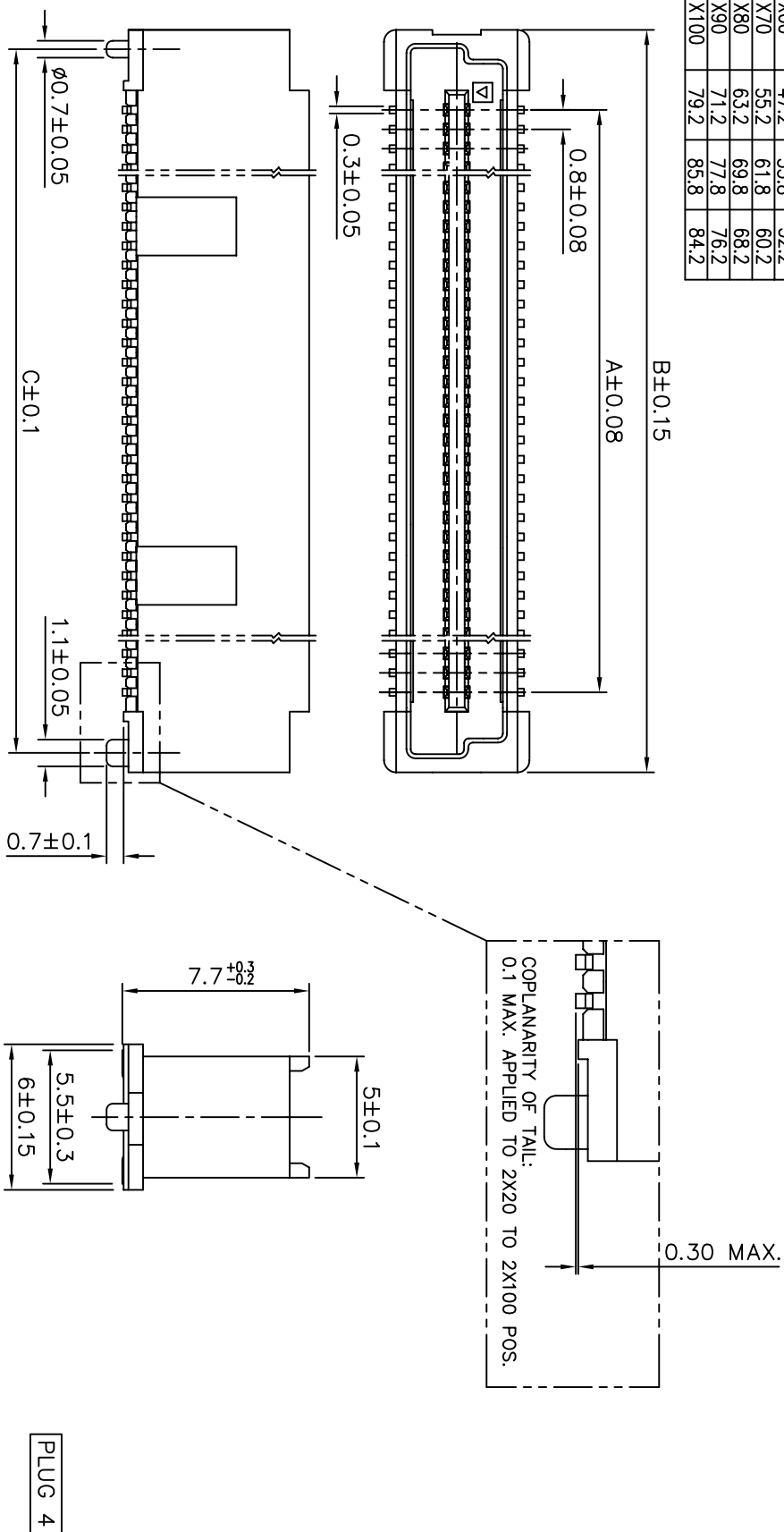


PLUG 3

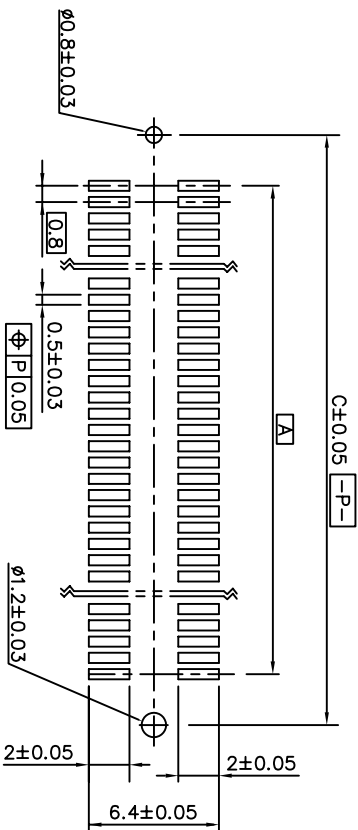
| mat'l. code |              |            |            | surface    |                            | tolerance  |            | projection |            | product family       |  |
|-------------|--------------|------------|------------|------------|----------------------------|------------|------------|------------|------------|----------------------|--|
| itr         | ecm no       | dr         | date       | ASME Y14.5 | ASME Y14.5                 | ASME Y14.5 | ASME Y14.5 | ASME Y14.5 | ASME Y14.5 | BERGSTAK             |  |
| A           | S06-0286 MCH | 2006-08-25 | 2006-08-25 | angles     | unless otherwise specified | .XX±0.20   | .XX±0.15   | MM         | scale 3:1  | 0.8mm BOARD TO BOARD |  |
| B           | S06-0316 MCH | 2006-08-25 | 2006-08-25 | 0°±2°      | XXX±0.10                   | XXX±0.10   | XXX±0.10   | XXX±0.10   | XXX±0.10   | PLUG ASS'y           |  |
| -           | -            | -          | -          | dr         | M.CHEONG                   | 2006-08-25 | 2006-08-25 | FCI        | scale 3:1  | 10069525             |  |
| -           | -            | -          | -          | engr       | M.CHEONG                   | 2006-08-25 | 2006-08-25 | FCI        | scale 3:1  | 10069525             |  |
| -           | -            | -          | -          | chr        | M.CHEONG                   | 2006-08-25 | 2006-08-25 | FCI        | scale 3:1  | 10069525             |  |
| -           | -            | -          | -          | appd       | JOEY NG                    | 2006-08-25 | 2006-08-25 | FCI        | scale 3:1  | 10069525             |  |
| Sheet       | revision     |            |            |            |                            |            |            |            |            | CUSTOMER Drawing     |  |
| Index       | sheet        |            |            |            |                            |            |            |            |            |                      |  |



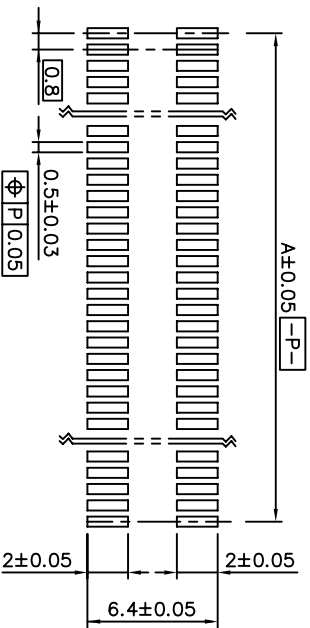
| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10069525-044*** | 2 X20               | 15.2      | 21.8 | 20.2 |
| 10069525-064*** | 2 X30               | 23.2      | 29.8 | 28.2 |
| 10069525-084*** | 2 X40               | 31.2      | 37.8 | 36.2 |
| 10069525-104*** | 2 X50               | 39.2      | 45.8 | 44.2 |
| 10069525-124*** | 2 X60               | 47.2      | 53.8 | 52.2 |
| 10069525-144*** | 2 X70               | 55.2      | 61.8 | 60.2 |
| 10069525-164*** | 2 X80               | 63.2      | 69.8 | 68.2 |
| 10069525-184*** | 2 X90               | 71.2      | 77.8 | 76.2 |
| 10069525-204*** | 2 X100              | 79.2      | 85.8 | 84.2 |



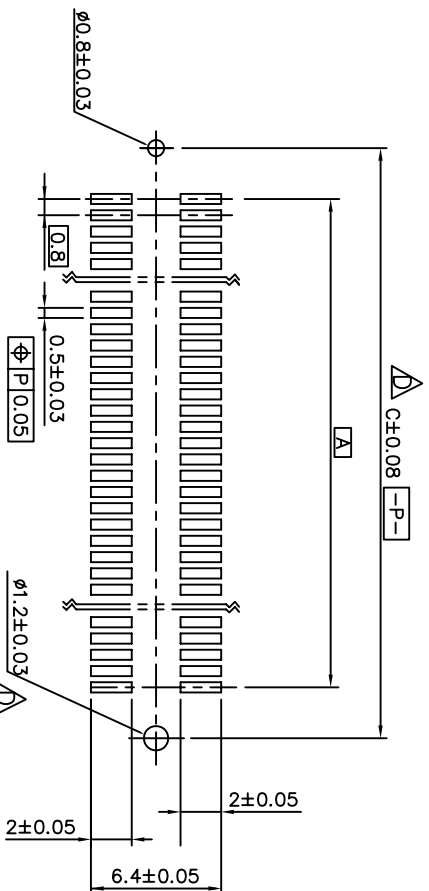
| mat'l. code |          | surface        |                                     | tolerance  | projection                                                                          | product family       |  |
|-------------|----------|----------------|-------------------------------------|------------|-------------------------------------------------------------------------------------|----------------------|--|
| -           |          | ASME Y14.5     | <input checked="" type="checkbox"/> | ASME Y14.5 |                                                                                     | BERGSTAK             |  |
| litr        | ecm no   | date           | tol. unless otherwise specified     |            |  | title                |  |
| A           | S06-0286 | MCH 2006-08-25 | .X±0.20                             |            |                                                                                     | 0.8mm BOARD TO BOARD |  |
| B           | S06-0316 | MCH 2006-09-25 | .XX±0.15                            |            | PLUG ASS'y                                                                          |                      |  |
| -           | -        | -              | .XXX±0.10                           |            | scale 3:1                                                                           |                      |  |
| -           | -        | -              | dr                                  | M.CHEONG   | dwg no                                                                              |                      |  |
| -           | -        | -              | enfr                                | M.CHEONG   | sheet 5 of 6                                                                        |                      |  |
| -           | -        | -              | chr                                 | M.CHEONG   | 10069525                                                                            |                      |  |
| -           | -        | -              | appd                                | JOE Y NG   | A4                                                                                  |                      |  |
| sheet       | revision | -              |                                     |            | type                                                                                |                      |  |
| index       | sheet    |                |                                     |            | CUSTOMER Drawing                                                                    |                      |  |



RECOMMENDED PCB LAYOUT WITH PEG  
FOR NO. OF POS. 2X20, 2X30, 2X40, 2X50, 2X60



RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLLOWDOWN  
FOR NO. OF POS. 2X20, 2X30, 2X40, 2X50, 2X60



RECOMMENDED PCB LAYOUT WITH PEG  
FOR NO. OF POS. 2X70, 2X80, 2X90, 2X100

FOR PLUG 1/2/3/4

| mat'l. code |              |            |      | surface    |                            | tolerance  |           | projection |                      | product family |  |
|-------------|--------------|------------|------|------------|----------------------------|------------|-----------|------------|----------------------|----------------|--|
| -           |              |            |      | ASME Y14.5 |                            | ASME Y14.5 |           | MM         |                      | BERGSTAK       |  |
| ltr         | ecrn no      | dr         | date | tol        | unless otherwise specified | angles     | scale     | projection | title                |                |  |
| A           | S06-0286 MCH | 2006-08-25 |      |            |                            | .XX±0.20   | scale 3:1 |            | 0.8mm BOARD TO BOARD |                |  |
| B           | S10-0069 MCH | 2010-03-26 |      |            |                            | .XX±0.15   |           |            | PLUG ASS'y           |                |  |
| -           | -            | -          | -    | 0°±2°      |                            | .XXX±0.10  |           |            |                      |                |  |
| -           | -            | -          | -    | dr         | M.CHEONG                   | 2006-08-25 |           |            |                      |                |  |
| -           | -            | -          | -    | engr       | M.CHEONG                   | 2006-08-25 |           |            |                      |                |  |
| -           | -            | -          | -    | chr        | M.CHEONG                   | 2010-03-26 |           |            |                      |                |  |
| -           | -            | -          | -    | appd       | JOEY NG                    | 2010-03-26 |           |            |                      |                |  |
| Sheet       | revision     |            |      |            |                            |            |           |            |                      |                |  |
| Index       | sheet        |            |      |            |                            |            |           |            |                      |                |  |

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