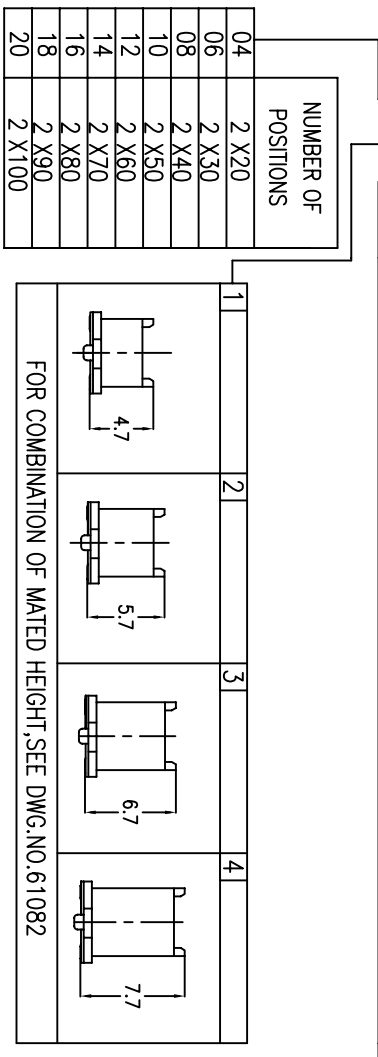


10069525 -



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

| POLARIZATION PEG |     | HOLD DOWN |
|------------------|-----|-----------|
| 0                | 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.

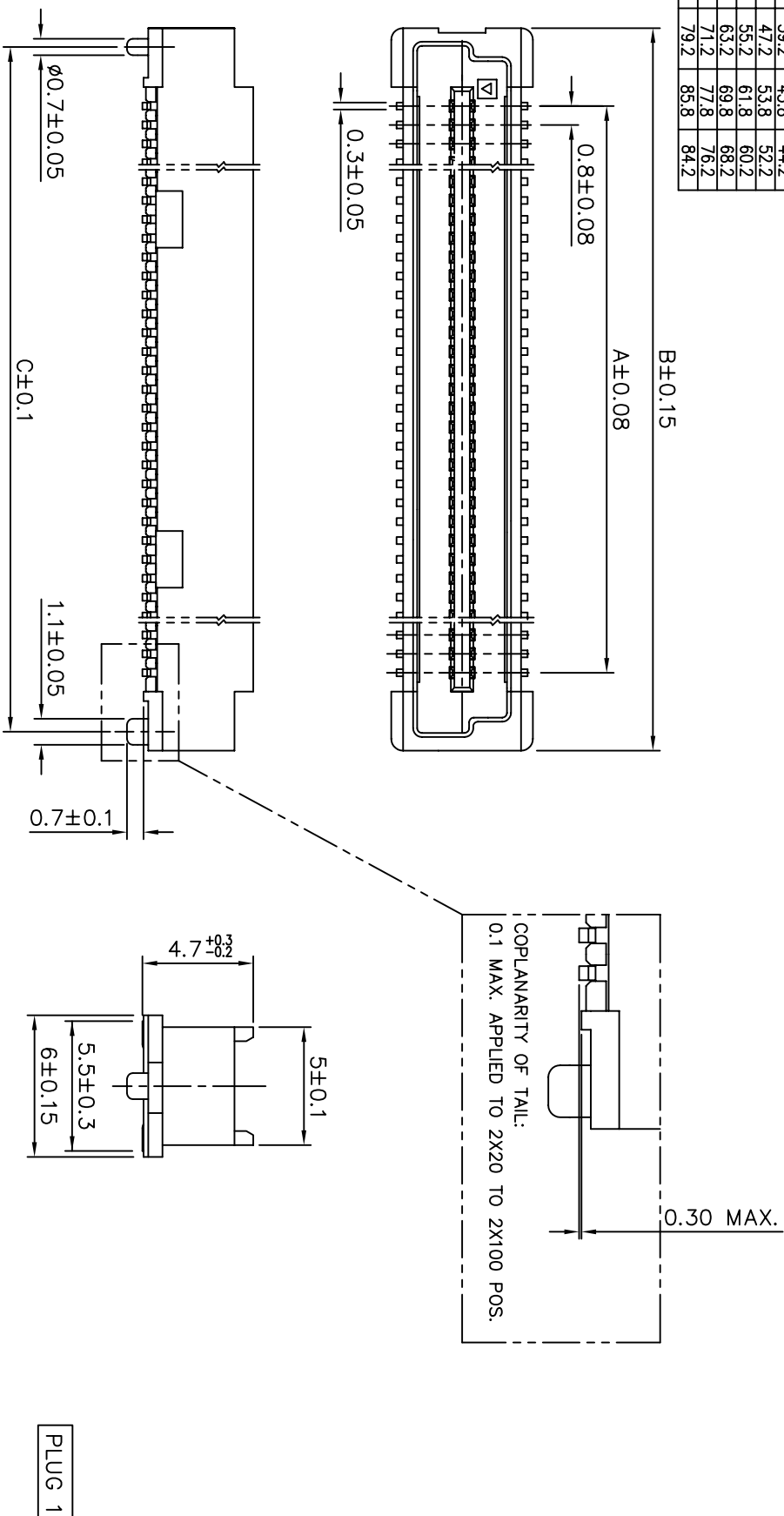
8. PLATING OPTION '4' IS LEADFREE ALTERNATIVE FOR OPTION '0', AND OPTION '6' IS LEADFREE ALTERNATIVE FOR OPTION '1'.
9. THIS PARTNUMBER IS ONLY CATER FOR SPECIAL CUSTOMER REQUIREMENTS OF COPLANARITY OF 0.1 FOR ALL POSITIONS.
10. A  $\Delta$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

| PLATING ON CONTACT AREA. |                                                                                                                |                |
|--------------------------|----------------------------------------------------------------------------------------------------------------|----------------|
| 0                        | GOLD 0.2 um MIN. / TIN LEAD SOLDER                                                                             | EMPTY          |
| 1                        | PALLADIUM-NICKEL 0.76 um MIN. WITH GOLD FLASH (0.1 um MIN.) / TIN LEAD SOLDER                                  | EMPTY          |
| 4                        | GOLD 0.2 um MIN. / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING)                                            | LF (note 6&8.) |
| 5                        | GOLD 0.38 um / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING)                                                | LF (note 6.)   |
| 6                        | PALLADIUM-NICKEL 0.76 um MIN. WITH GOLD FLASH (0.1 um MIN.) / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING) | LF (note 6&8.) |

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



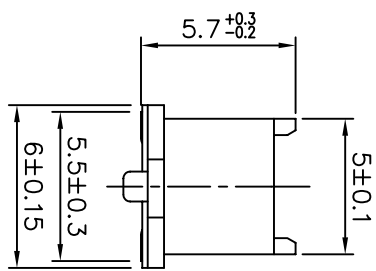
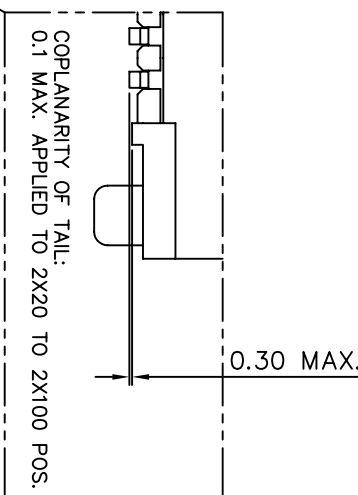
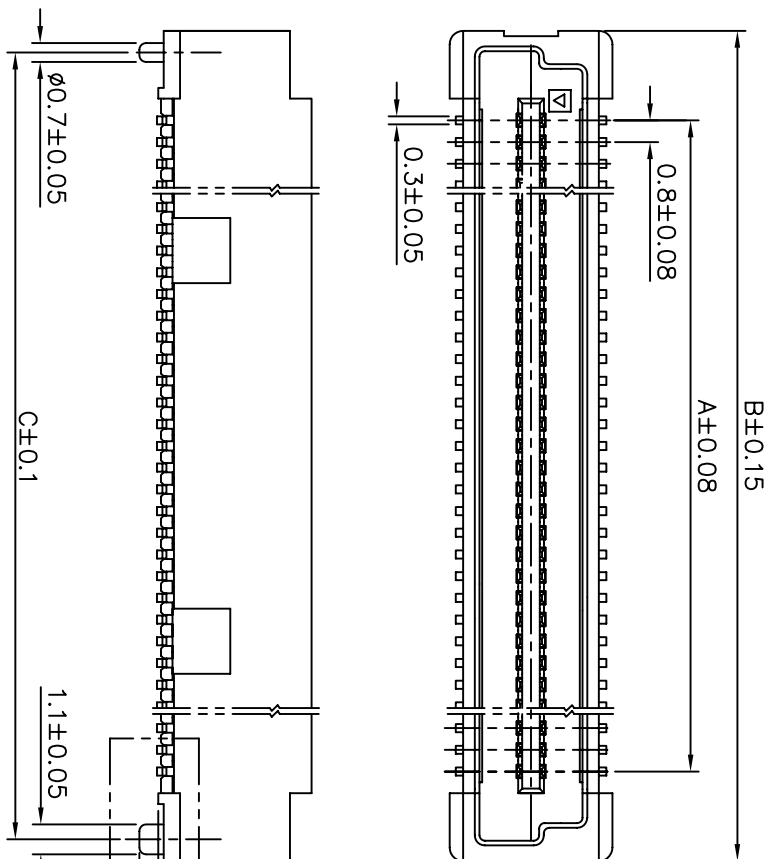
| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10059525-041*** | 2 X20               | 15.2      | 21.8 | 20.2 |
| 10059525-061*** | 2 X30               | 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 |



|                |  |            |  |                                |  |                                                                                     |  |                                    |  |
|----------------|--|------------|--|--------------------------------|--|-------------------------------------------------------------------------------------|--|------------------------------------|--|
| mat'l. code    |  | surface    |  | tolerance                      |  | projection                                                                          |  | product family                     |  |
| -              |  | ASME Y14.5 |  | ASME Y14.5                     |  |  |  | BERGSTAK                           |  |
| litr ecn no    |  | date       |  | tol unless otherwise specified |  | MM                                                                                  |  | title                              |  |
| A S06-0286 MCH |  | 2006-08-25 |  | .X50.20                        |  |  |  | 0.8mm BOARD TO BOARD<br>PLUG ASS'y |  |
| B S06-0316 MCH |  | 2006-09-25 |  | .XX±0.15                       |  |                                                                                     |  |                                    |  |
| -              |  | -          |  | .XXX±0.10                      |  | scale 3:1                                                                           |  | dwg no                             |  |
| -              |  | -          |  | M.CHEONG                       |  | 2006-08-25                                                                          |  | sheet 2 of 6                       |  |
| -              |  | -          |  | ENG'R                          |  | M.CHEONG                                                                            |  | 2006-08-25                         |  |
| -              |  | -          |  | chr                            |  | M.CHEONG                                                                            |  | 2006-08-25                         |  |
| -              |  | -          |  | JOEY NG                        |  | 2006-08-25                                                                          |  | type                               |  |
| sheet          |  | revision   |  | dppd                           |  | FCI                                                                                 |  | CUSTOMER Drawing                   |  |
| index          |  | sheet      |  |                                |  |                                                                                     |  |                                    |  |



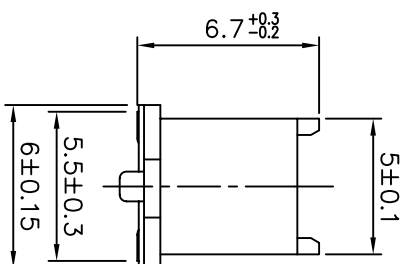
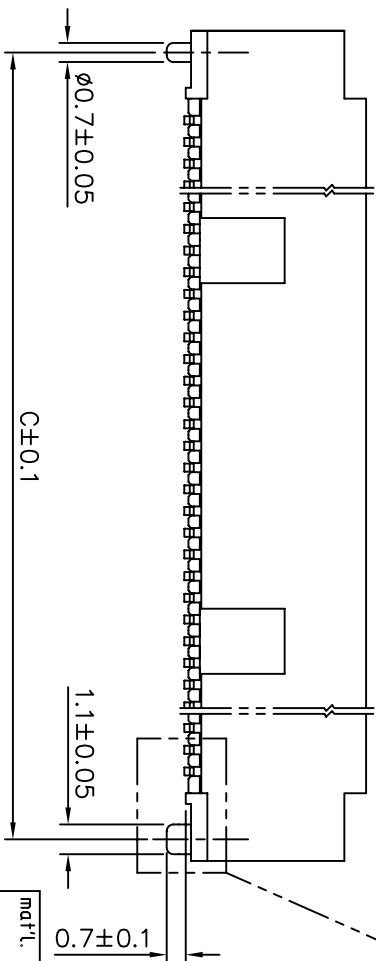
| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10069525-042*** | 2 X20               | 15.2      | 21.8 | 20.2 |
| 10069525-062*** | 2 X30               | 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 |



|             |     |            |     |            |                                 |            |                      |                  |  |
|-------------|-----|------------|-----|------------|---------------------------------|------------|----------------------|------------------|--|
| mat'l. code |     | surface    |     | tolerance  |                                 | projection |                      | product family   |  |
| -           |     | ASME Y14.5 |     | ASME Y14.5 |                                 |            |                      | BERGSTAK         |  |
| ltr         | ecn | no         | dr  | 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 | X.X±0.15                        |            | PLUG ASS'Y           |                  |  |
| -           |     | -          |     | -0.2±      |                                 | MM         |                      | dwg no           |  |
| -           |     | -          |     | .XXX±0.10  |                                 | scale 3:1  |                      | sheet 3 of 6     |  |
| -           |     | -          |     | dr         |                                 | MCH        |                      | 10069525         |  |
| -           |     | -          |     | engr       |                                 | MCH        |                      | A4               |  |
| -           |     | -          |     | lch        |                                 | MCH        |                      | CUSTOMER Drawing |  |
| -           |     | -          |     | JOEY NG    |                                 | 2006-08-25 |                      | type             |  |
| sheet       |     | revision   |     | dppd       |                                 | FCI        |                      | index            |  |
| index       |     | sheet      |     |            |                                 |            |                      |                  |  |

Technical drawing of a chain drive sprocket assembly. The drawing shows a side view of the sprocket with a chain. The sprocket has a central hub with a keyway. The chain is shown as a series of links. The drawing includes the following dimensions:

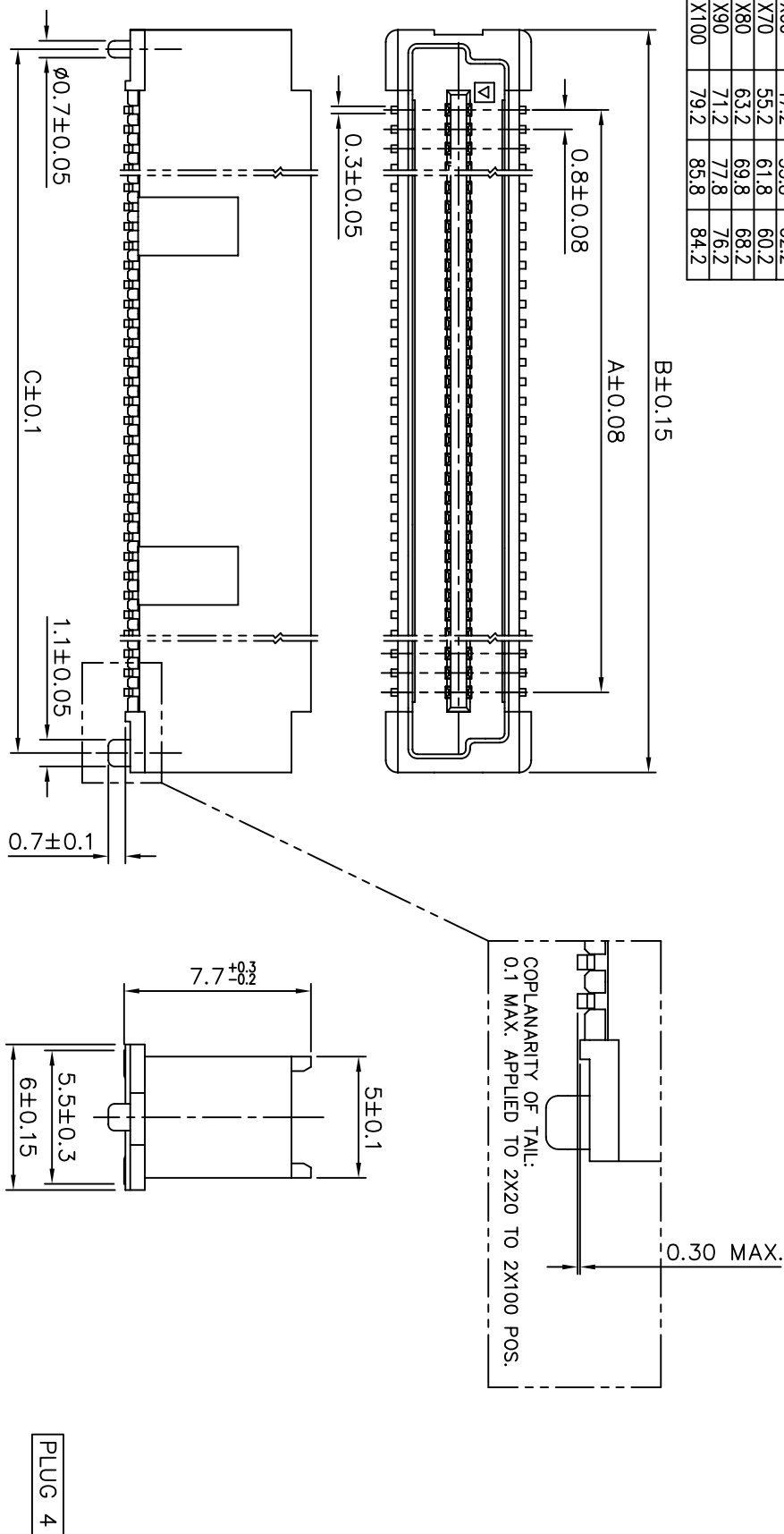
- $B \pm 0.15$ : The total width of the sprocket assembly.
- $A \pm 0.08$ : The distance between the two sprocket hubs.
- $0.8 \pm 0.08$ : The distance from the sprocket hub to the chain.



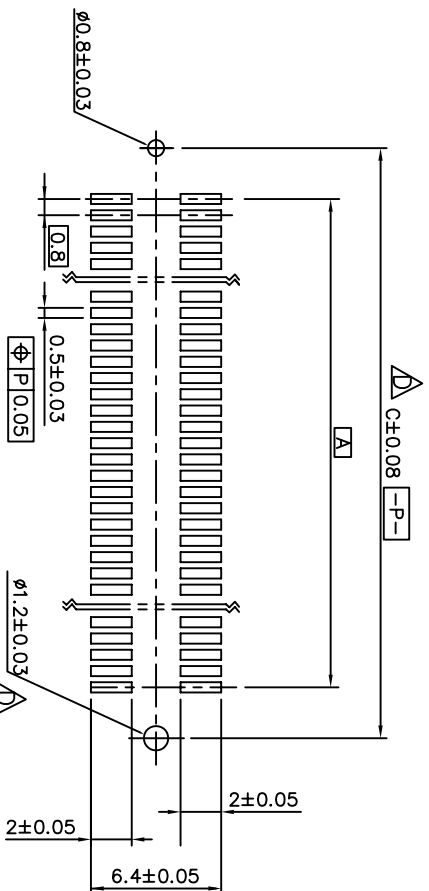
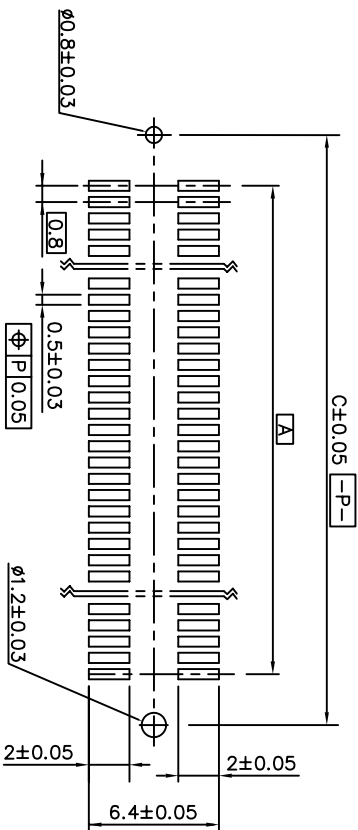
form: A4mmXLC



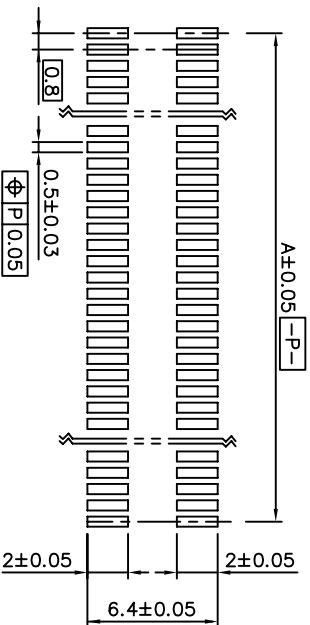
| PRODUCT NO.     | NUMBER OF POSITIONS | DIMENSION |      |      |
|-----------------|---------------------|-----------|------|------|
|                 |                     | A         | B    | C    |
| 10069525-044*** | 2 X20               | 15.2      | 21.8 | 20.2 |
| 10069525-064*** | 2 X30               | 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     |                                 | ASME Y14.5 |                                                                                     |  |                                    | BERGSTAK       |  |
| litr        | ecn no   | date           | tol. unless otherwise specified |            | MM                                                                                  |                                                                                     | title                              |                |  |
| A           | S06-0286 | MCH 2006-08-25 | .X±0.20                         |            |  |                                                                                     | 0.8mm BOARD TO BOARD<br>PLUG ASS'Y |                |  |
| B           | S06-0316 | MCH 2006-09-25 | .XX±0.15                        |            |                                                                                     |                                                                                     |                                    |                |  |
| -           | -        | -              | .XXX±0.10                       |            | scale 3:1                                                                           |                                                                                     | dwg no                             |                |  |
| -           | -        | -              | dfr                             |            | M.CHEONG                                                                            |                                                                                     | 2006-08-25                         |                |  |
| -           | -        | -              | enfr                            |            | M.CHEONG                                                                            |                                                                                     | 2006-08-25                         |                |  |
| -           | -        | -              | chr                             |            | M.CHEONG                                                                            |                                                                                     | 2006-08-25                         |                |  |
| -           | -        | -              | joeY NG                         |            | 2006-08-25                                                                          |                                                                                     | sheet 5 of 6                       |                |  |
| revision    |          | dppd           |                                 | FCI        |                                                                                     | size                                                                                |                                    |                |  |
| sheet       |          | sheet          |                                 | type       |                                                                                     | CUSTOMER Drawing                                                                    |                                    |                |  |
| index       |          | sheet          |                                 | type       |                                                                                     | A4                                                                                  |                                    |                |  |



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



FOR PLUG 1/2/3/4

| mat'l. code |              | surface    |      | tolerance  |                            | projection |       | product family       |                  |
|-------------|--------------|------------|------|------------|----------------------------|------------|-------|----------------------|------------------|
| -           |              | ASMEY14.5  |      | ASME Y14.5 |                            | MM         |       | BERGSTAK             |                  |
| itr         | ecr no       | dr         | date | tol        | unless otherwise specified | angles     | scale | title                |                  |
| A           | S06-0286 MCH | 2006-08-25 |      |            |                            | .XX±0.20   | 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 |       | dwg no               | sheet 6 of 6     |
| -           | -            | -          | -    | engr       | M.CHEONG                   | 2006-08-25 |       | 10069525             | A4               |
| -           | -            | -          | -    | chr        | M.CHEONG                   | 2010-03-26 |       |                      |                  |
| -           | -            | -          | -    | appd       | JOEY NG                    | 2010-03-26 |       |                      |                  |
| Sheet       | revision     |            |      |            |                            |            |       | type                 | CUSTOMER Drawing |
| Index       | Sheet        |            |      |            |                            |            |       |                      |                  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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