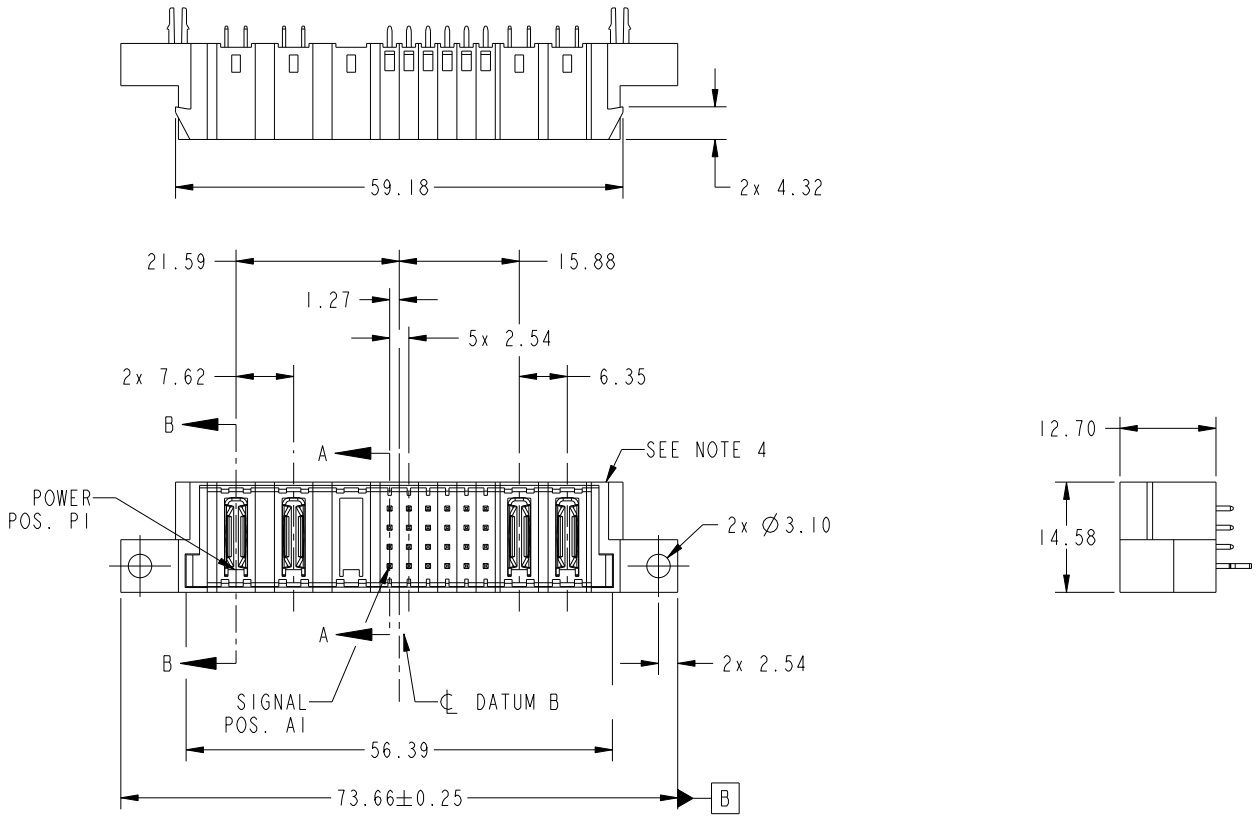




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| PRODUCT NO.           | ROWS             | POWER |    |    |    | SIGNAL |   |   |   |   |   | POWER |    | E2 |
|-----------------------|------------------|-------|----|----|----|--------|---|---|---|---|---|-------|----|----|
|                       |                  | E1    | P1 | P2 | P3 | 1      | 2 | 3 | 4 | 5 | 6 | P4    | P5 |    |
| 51963-092--<br>NOTE ③ | D<br>C<br>B<br>A |       |    |    |    |        |   |   |   |   |   |       |    |    |

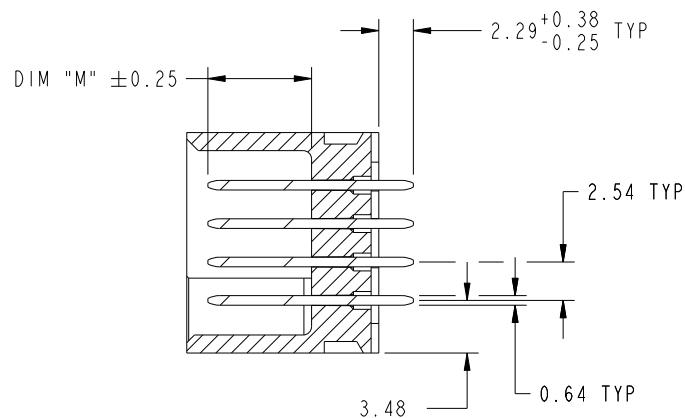


| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| PA   | [N/A]                 | POWER        |
| M    | [6.86]                | SIGNAL       |
| HA   | [N/A]                 | HOLD-DOWN    |
| X    | [N/A]                 | OMITTED      |

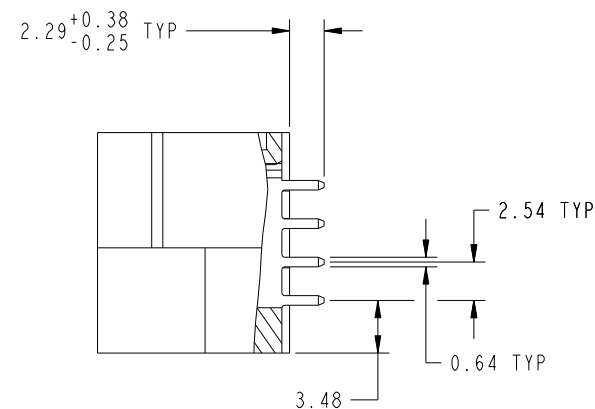
|               |         |                                       |       |  |             |                |                                           |                                   |                           |                        |           |       |              |   |
|---------------|---------|---------------------------------------|-------|--|-------------|----------------|-------------------------------------------|-----------------------------------|---------------------------|------------------------|-----------|-------|--------------|---|
| spec ref      |         | See Notes                             |       |  | dr          | Ruan MT        | 2015/01/13                                | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                   | A4        | scale | 1:1          |   |
| tolerance std |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |  | eng         | Ruan MT        | 2015/05/14                                |                                   |                           | ecn no -               |           |       |              |   |
| See Notes     |         |                                       |       |  | chr         | Fancy Zhang    | 2015/05/14                                |                                   |                           | rel level Released     |           |       |              |   |
|               |         |                                       |       |  | appr        | Pei-Ming Zheng | 2015/05/14                                | product family PwrBlade           |                           |                        |           |       |              |   |
| surface       | linear  | 0.X                                   | ±0.50 |  |             | title          | 3ACP + 24S + 2P<br>VERTICAL SOLDER HEADER |                                   |                           | dwg no                 | 51963-092 |       | rev          | A |
|               |         | 0.XX                                  | ±0.25 |  |             |                |                                           |                                   |                           |                        |           |       |              |   |
|               |         | 0.XXX                                 | ±0.10 |  |             |                |                                           |                                   |                           |                        |           |       |              |   |
|               | angular | 0°                                    | ±2°   |  |             |                |                                           |                                   |                           |                        |           |       |              |   |
|               |         |                                       |       |  | www.fci.com | cat. no.       |                                           | &model_name                       |                           | Product - Customer Drw |           |       | sheet 1 of 4 |   |

PRODUCT NUMBER

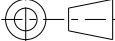
51963-092--  
NOTE 3



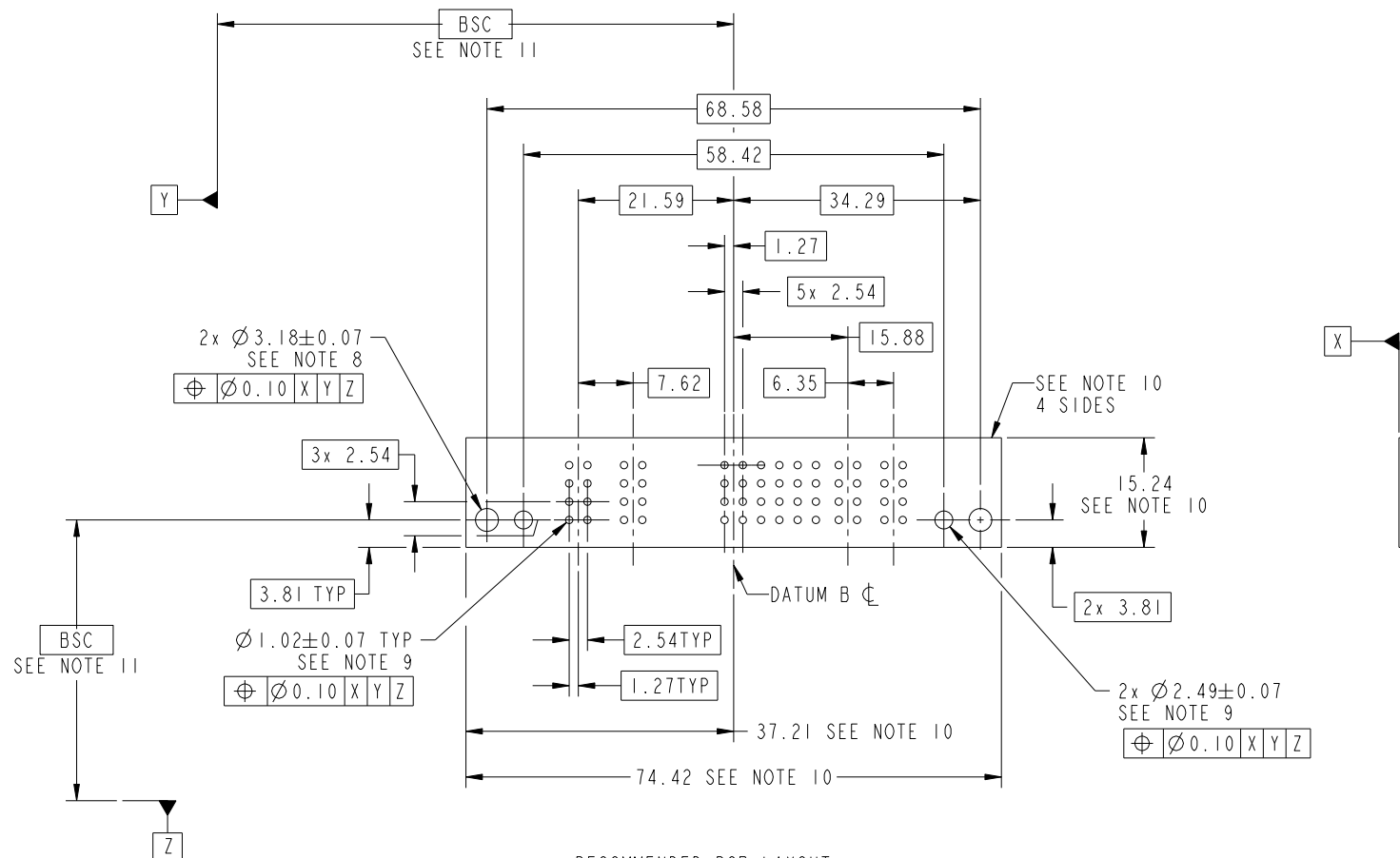
SECTION A-A  
SCALE 2:1



SECTION B-B  
SCALE 2:1

|                                                                                                |                |                        |                                                                                                                        |                                                                                                                |                 |                        |           |          |           |              |     |  |  |  |  |
|------------------------------------------------------------------------------------------------|----------------|------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------|------------------------|-----------|----------|-----------|--------------|-----|--|--|--|--|
| dr                                                                                             | Ruan MT        | 2015/01/13             | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size            | A4                     | scale     | 1:1      |           |              |     |  |  |  |  |
| eng                                                                                            | Ruan MT        | 2015/05/14             |                                                                                                                        |                                                                                                                | ecn no          | -                      | rel level | Released |           |              |     |  |  |  |  |
| chr                                                                                            | Fancy Zhang    | 2015/05/14             |                                                                                                                        |                                                                                                                |                 |                        |           |          |           |              |     |  |  |  |  |
| appr                                                                                           | Pei-Ming Zheng | 2015/05/14             | product family                                                                                                         |                                                                                                                | PwrBlade        |                        |           |          |           |              |     |  |  |  |  |
| <div></div> |                | title                  |                                                                                                                        |                                                                                                                | 3ACP + 24S + 2P |                        | dwg no    |          | 51963-092 |              | rev |  |  |  |  |
|                                                                                                |                | VERTICAL SOLDER HEADER |                                                                                                                        |                                                                                                                |                 |                        |           |          |           |              | A   |  |  |  |  |
| www.fci.com                                                                                    |                | cat. no.               |                                                                                                                        | &model_name                                                                                                    |                 | Product - Customer Drw |           |          |           | sheet 2 of 4 |     |  |  |  |  |

PRODUCT NUMBER

51963-092--  
NOTE 3

RECOMMENDED PCB LAYOUT

|                        |                |            |                                   |                           |                        |           |          |              |     |
|------------------------|----------------|------------|-----------------------------------|---------------------------|------------------------|-----------|----------|--------------|-----|
| dr                     | Ruan MT        | 2015/01/13 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                   | A4        | scale    | 1:1          |     |
| eng                    | Ruan MT        | 2015/05/14 |                                   |                           | ecn no -               |           |          |              |     |
| chr                    | Fancy Zhang    | 2015/05/14 |                                   |                           |                        |           |          |              |     |
| appr                   | Pei-Ming Zheng | 2015/05/14 | product family                    |                           | PwrBlade               | rel level | Released |              |     |
| <div></div>            | title          |            |                                   |                           | 3ACP + 24S + 2P        |           | dwg no   |              | rev |
| VERTICAL SOLDER HEADER |                |            | 51963-092                         |                           | A                      |           |          |              |     |
| www.fci.com            | cat. no.       |            | &model_name                       |                           | Product - Customer Drw |           |          | sheet 3 of 4 |     |



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PRODUCT NUMBER

51963-092--  
NOTE 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH  
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- 2 HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL PIN MATERIAL: COPPER ALLOY
- 3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51963-092 AND 51963-092LF RESPECTIVELY.
- 4 MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON  
THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH  
SPACE ON THIS SURFACE.
- 5. PRODUCT SPECIFICATION GS-12-149.  
APPLICATION SPECIFICATION BUS-20-067.
- 6. PACKAGED IN TRAYS.

PCB NOTES:

- 7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9  $\varnothing 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH  
0.008 MIN SnPb OR Sn OVER .001 [0.03]  
TO 0.08 Cu PLATING TO ACHIEVE  
 $\varnothing 1.02 \pm 0.07$  HOLE.

10 CONNECTOR KEEP-OUT ZONE.

11. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.

|                        |                |            |                       |               |                 |                        |          |        |              |     |   |
|------------------------|----------------|------------|-----------------------|---------------|-----------------|------------------------|----------|--------|--------------|-----|---|
| dr                     | Ruan MT        | 2015/01/13 | <div>projection</div> | <div>MM</div> | size            | A 4                    | scale    | 1:1    |              |     |   |
| eng                    | Ruan MT        | 2015/05/14 |                       |               | ecn no          | -                      |          |        |              |     |   |
| chr                    | Fancy Zhang    | 2015/05/14 |                       |               |                 |                        |          |        |              |     |   |
| appr                   | Pei-Ming Zheng | 2015/05/14 | product family        |               | PwrBlade        | rel level              | Released |        |              |     |   |
|                        |                | title      |                       |               | 3ACP + 24S + 2P |                        |          | dwg no | 51963-092    | rev | A |
| VERTICAL SOLDER HEADER |                |            |                       |               |                 |                        |          |        |              |     |   |
| www.fci.com            |                | cat. no.   |                       | &model_name   |                 | Product - Customer Drw |          |        | sheet 4 of 4 |     |   |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<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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