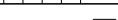
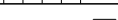
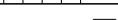
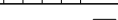
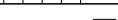
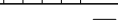
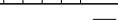
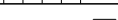
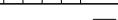
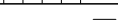
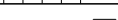
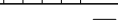
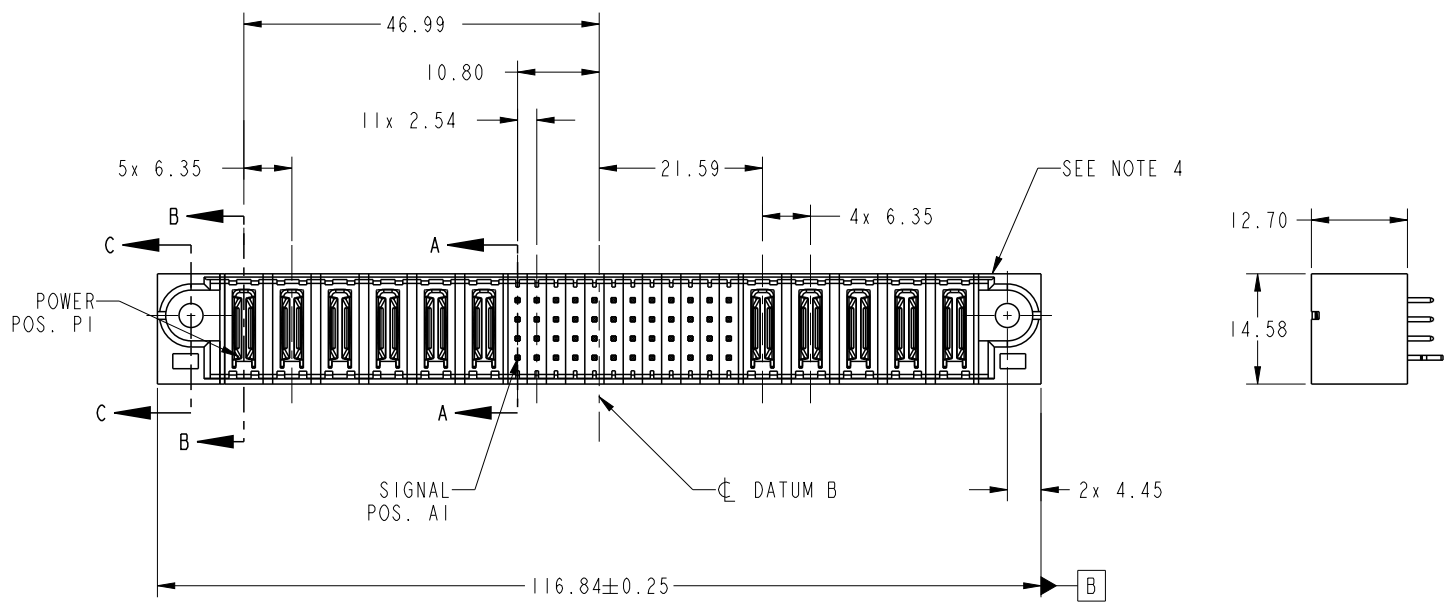




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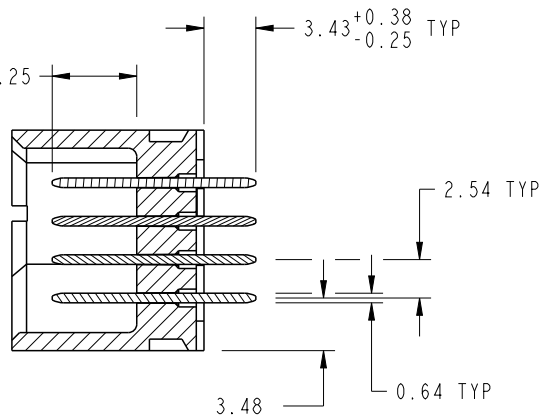
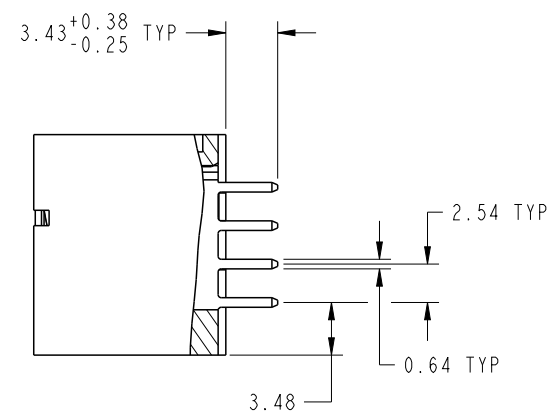
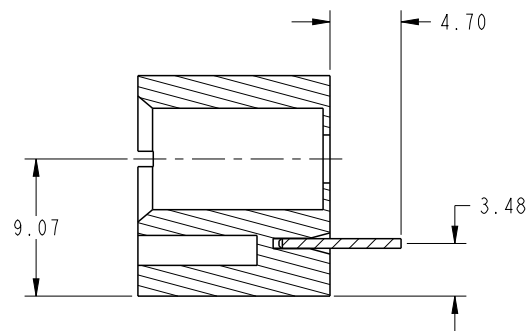
| PRODUCT NO.          | ROWS             |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | SIGNAL                                                                             |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|----------------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                      |                  | E1                                                                                | P1                                                                                | P2                                                                                | P3                                                                                | P4                                                                                | P5                                                                                | P6                                                                                | 1                                                                                  | 2                                                                                  | 3                                                                                  | 4                                                                                  | 5                                                                                  | 6                                                                                  | 7                                                                                  | 8                                                                                  | 9                                                                                  | 10                                                                                 | 11                                                                                 | 12                                                                                 | P7                                                                                  | P8                                                                                  | P9                                                                                  | P10                                                                                 | P11                                                                                 | E2                                                                                  |
| 51710-060--<br>NOTE③ | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



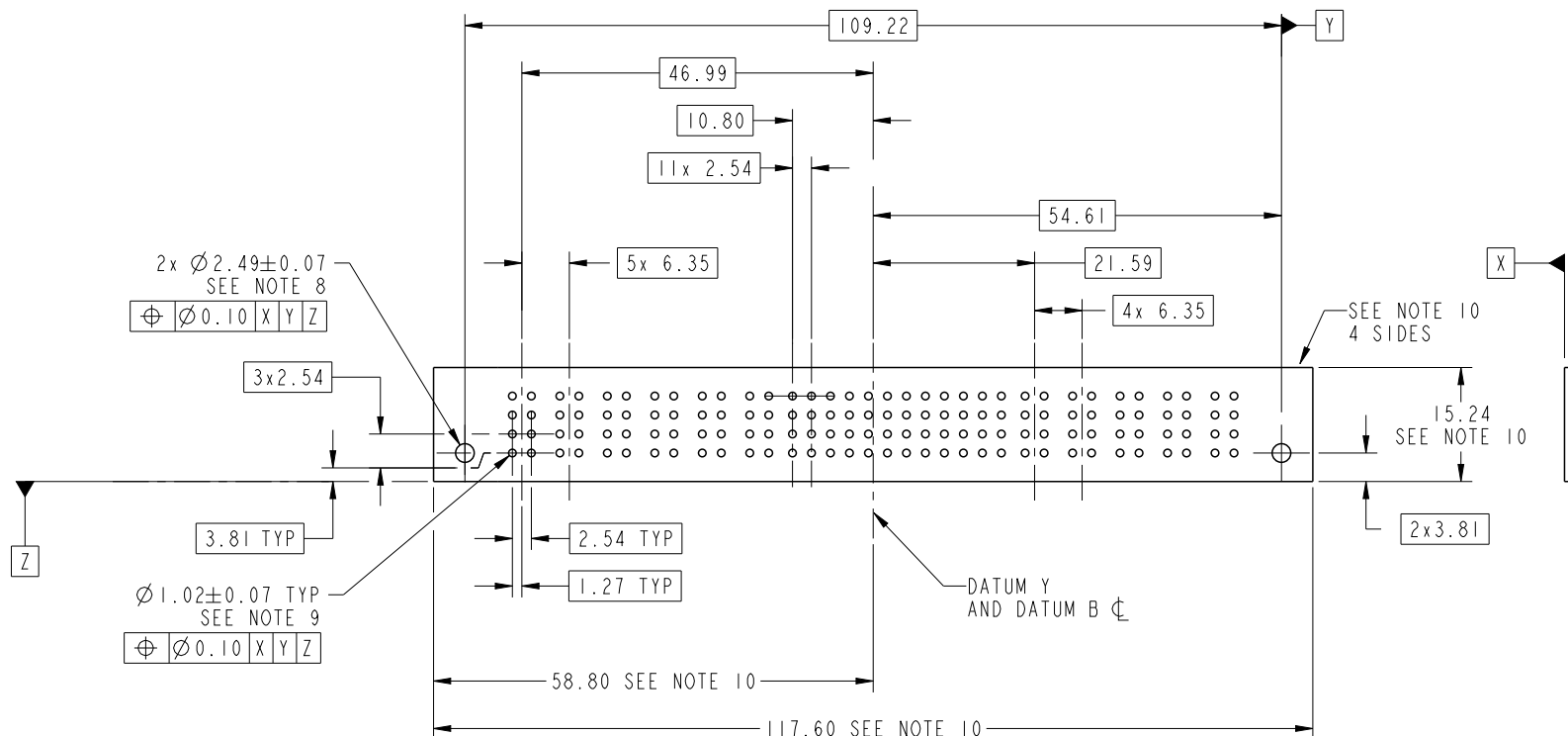
| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| PA   | [N/A]                       | POWER           |
| H    | [5.59]                      | SIGNAL          |
| E    | [6.86]                      | SIGNAL          |
| HA   | [N/A]                       | HOLD-DOWN       |

|               |              |                                       |       |             |                |            |                                   |                           |                |        |           |          |           |   |
|---------------|--------------|---------------------------------------|-------|-------------|----------------|------------|-----------------------------------|---------------------------|----------------|--------|-----------|----------|-----------|---|
| spec ref      |              | See Notes                             |       | dr          | Ruan MT        | 2013/05/14 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size           | A4     | scale     | 1:1      |           |   |
| tolerance std |              | TOLERANCES UNLESS OTHERWISE SPECIFIED |       | eng         | Ruan MT        | 2013/05/29 |                                   |                           | ecn no         |        |           |          | -         |   |
| See Notes     |              |                                       |       | chr         | -              | -          |                                   |                           |                |        |           |          |           |   |
|               |              |                                       |       | appr        | Pei-Ming Zheng | 2013/05/29 |                                   |                           | product family |        |           | PwrBlade | rel level |   |
| surface       | <div>✓</div> | linear                                | 0.X   | ±0.50       | <div></div>    | title      | 6P + 48S + 5P                     |                           |                | dwg no | 51710-060 |          | rev       | A |
|               |              |                                       | 0.XX  | ±0.25       |                |            |                                   |                           |                |        |           |          |           |   |
|               |              |                                       | 0.XXX | ±0.10       |                |            |                                   |                           |                |        |           |          |           |   |
|               | angular      | 0°                                    | ±2°   | www.fci.com |                |            |                                   |                           |                |        |           |          |           |   |

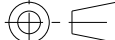
PRODUCT NUMBER

51710-060--  
NOTE 3DIM "M"  $\pm 0.25$ SECTION A-A  
SCALE 2:1SECTION B-B  
SCALE 2:1SECTION C-C  
SCALE 2:1

|             |                |            |                                         |                        |           |           |              |     |
|-------------|----------------|------------|-----------------------------------------|------------------------|-----------|-----------|--------------|-----|
| dr          | Ruan MT        | 2013/05/14 |                                         | MM                     | size      | A4        | scale        | 1:1 |
| eng         | Ruan MT        | 2013/05/29 |                                         |                        | ecn no    | -         |              |     |
| chr         | -              | -          |                                         |                        | rel level | Released  |              |     |
| appr        | Pei-Ming Zheng | 2013/05/29 | product family                          | PwrBlade               |           |           |              |     |
|             |                | title      | 6P + 48S + 5P<br>VERTICAL SOLDER HEADER |                        | dwg no    | 51710-060 |              | rev |
| www.fci.com |                | cat. no.   | &model_name                             | Product - Customer Drw |           |           | sheet 2 of 4 |     |
|             |                |            |                                         |                        |           |           |              |     |



## RECOMMENDED PCB LAYOUT

|                                                                                     |                                                  |            |                                                                                                                        |                                                                                                                |                        |    |           |              |          |
|-------------------------------------------------------------------------------------|--------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------|----|-----------|--------------|----------|
| dr                                                                                  | Ruan MT                                          | 2013/05/14 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                   | A4 | scale     | 1:1          |          |
| eng                                                                                 | Ruan MT                                          | 2013/05/29 |                                                                                                                        |                                                                                                                | ecn no                 |    |           |              | -        |
| chr                                                                                 | -                                                | -          |                                                                                                                        |                                                                                                                |                        |    |           |              |          |
| appr                                                                                | Pei-Ming Zheng                                   | 2013/05/29 | product family                                                                                                         |                                                                                                                | PwrBlade               |    | rel level |              | Released |
|  | title<br>6P + 48S + 5P<br>VERTICAL SOLDER HEADER |            |                                                                                                                        |                                                                                                                | dwg no<br>51710-060    |    |           | rev<br>A     |          |
|                                                                                     |                                                  |            |                                                                                                                        |                                                                                                                |                        |    |           |              |          |
| www.fci.com                                                                         | cat. no.                                         |            | &model_name                                                                                                            |                                                                                                                | Product - Customer Drw |    |           | sheet 3 of 4 |          |



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PRODUCT NUMBER

51710-060--  
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 51710-060 AND 51710-060LF 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.

|                        |                |            |                                   |                           |               |                        |       |        |              |           |     |   |
|------------------------|----------------|------------|-----------------------------------|---------------------------|---------------|------------------------|-------|--------|--------------|-----------|-----|---|
| dr                     | Ruan MT        | 2013/05/14 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size          | A4                     | scale | 1:1    |              |           |     |   |
| eng                    | Ruan MT        | 2013/05/29 |                                   |                           | ecn no -      |                        |       |        |              |           |     |   |
| chr                    | -              | -          |                                   |                           |               |                        |       |        |              |           |     |   |
| appr                   | Pei-Ming Zheng | 2013/05/29 | product family                    |                           | PwrBlade      | rel level              |       |        | Released     |           |     |   |
| <div></div>            |                | title      |                                   |                           | 6P + 48S + 5P |                        |       | dwg no |              | 51710-060 | 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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