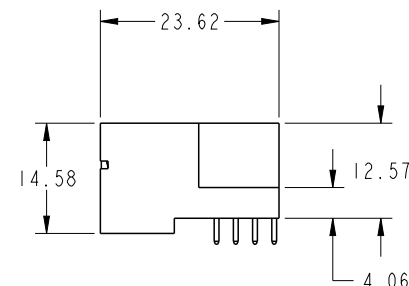
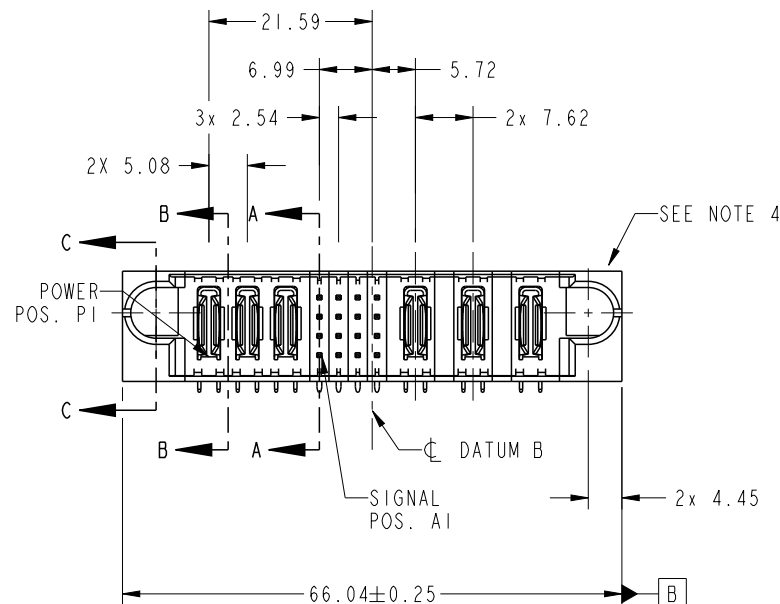


| PRODUCT NO.           | ROWS             | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   | SIGNAL                                                                            |                                                                                   |                                                                                   |                                                                                   | POWER                                                                             |                                                                                     |                                                                                     | E2                                                                                  |
|-----------------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                       |                  | E1                                                                                | P1                                                                                | P2                                                                                | P3                                                                                | 1                                                                                 | 2                                                                                 | 3                                                                                 | 4                                                                                 | P4                                                                                | P5                                                                                  | P6                                                                                  |                                                                                     |
| 51939-893--<br>NOTE 3 | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |
|                       |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |  |  |  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                       |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |  |  |  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                       |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |  |  |  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |



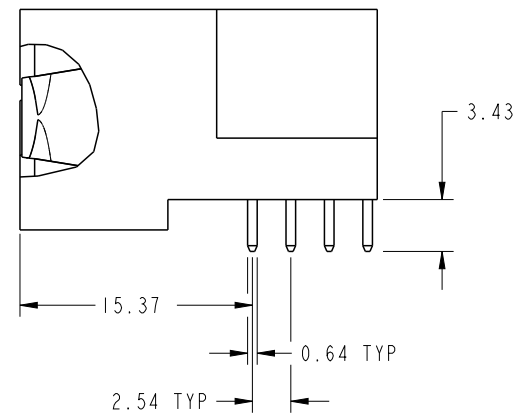
| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| F    | [5.59]                      | SIGNAL          |
| E    | [5.59]                      | SIGNAL          |
| T    | [6.86]                      | SIGNAL          |
| U    | [6.86]                      | SIGNAL          |
| H    | [5.59]                      | SIGNAL          |
| G    | [5.59]                      | SIGNAL          |
| PA   | [N/A]                       | POWER           |

|                                                       |  |  |  |                                       |  |                |            |                                   |                           |                                                                                             |  |             |       |           |     |           |          |                        |  |     |  |              |  |
|-------------------------------------------------------|--|--|--|---------------------------------------|--|----------------|------------|-----------------------------------|---------------------------|---------------------------------------------------------------------------------------------|--|-------------|-------|-----------|-----|-----------|----------|------------------------|--|-----|--|--------------|--|
| spec ref *                                            |  |  |  | dr                                    |  | Ruan MT        | 2014/06/20 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                                                                                        |  | A4          | scale |           | 1:1 |           |          |                        |  |     |  |              |  |
| tolerance std                                         |  |  |  | eng                                   |  | Ruan MT        | 2014/07/03 |                                   |                           | ecn no                                                                                      |  | -           |       |           |     |           |          |                        |  |     |  |              |  |
| ASME Y14.5                                            |  |  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                |            |                                   |                           | chr                                                                                         |  | -           |       | rel level |     |           | Released |                        |  |     |  |              |  |
|                                                       |  |  |  | appr                                  |  | Pei-Ming Zheng | 2014/07/03 |                                   |                           | product family                                                                              |  |             |       | PwrBlade  |     |           |          |                        |  |     |  |              |  |
| <div>surface</div> <div>✓</div> <div>ASME Y14.5</div> |  |  |  | linear                                |  | 0.X            |            | ±0.5                              |                           | <div></div> <div>title</div> <div>3DCP + 16S + 3ACP</div> <div>RIGHT ANGLE XXX HEADER</div> |  |             |       | dwg no    |     | 51939-893 |          |                        |  | rev |  | A            |  |
|                                                       |  |  |  |                                       |  | 0.XX           |            | ±0.25                             |                           |                                                                                             |  |             |       |           |     |           |          |                        |  |     |  |              |  |
|                                                       |  |  |  |                                       |  | 0.XXX          |            | ±0.1                              |                           |                                                                                             |  |             |       |           |     |           |          |                        |  |     |  |              |  |
|                                                       |  |  |  |                                       |  | angular        |            | 0°                                |                           | ±2°                                                                                         |  | www.fci.com |       | cat. no.  |     | -         |          | Product - Customer Drw |  |     |  | sheet 1 of 4 |  |

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-893--  
NOTE: 3



SECTION C-C

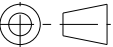
|             |                |                        |                |          |                   |                        |           |              |
|-------------|----------------|------------------------|----------------|----------|-------------------|------------------------|-----------|--------------|
| dr          | Ruan MT        | 2014/06/20             | projection     | MM       | size              | A4                     | scale     | 1:1          |
| eng         | Ruan MT        | 2014/07/03             |                |          | ecn no            | -                      |           |              |
| chr         | -              | -                      |                |          | rel level         | Released               |           |              |
| appr        | Pei-Ming Zheng | 2014/07/03             | product family | PwrBlade |                   |                        |           |              |
| FCI         |                | title                  |                |          | 3DCP + 16S + 3ACP | dwg no                 | 51939-893 | rev          |
| www.fci.com |                | cat. no.               |                |          | -                 | Product - Customer Drw |           | sheet 2 of 4 |
|             |                | RIGHT ANGLE XXX HEADER |                |          |                   |                        |           | A            |

# PRODUCT NUMBER

51939-893\_\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

|                                                                                     |                |            |                                                                                                     |                                                                                             |                                             |                        |        |           |              |   |
|-------------------------------------------------------------------------------------|----------------|------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------|------------------------|--------|-----------|--------------|---|
| dr                                                                                  | Ruan MT        | 2014/06/20 | projection<br> | MM<br> | size                                        | A4                     | scale  | 1:1       |              |   |
| eng                                                                                 | Ruan MT        | 2014/07/03 |                                                                                                     |                                                                                             | ecn no                                      | -                      |        |           |              |   |
| chr                                                                                 | -              | -          |                                                                                                     |                                                                                             | rel level                                   |                        |        | Released  |              |   |
| appr                                                                                | Pei-Ming Zheng | 2014/07/03 | product family                                                                                      |                                                                                             | PwrBlade                                    |                        |        |           |              |   |
|  |                | title      |                                                                                                     |                                                                                             | 3DCP + 16S + 3ACP<br>RIGHT ANGLE XXX HEADER |                        | dwg no | 51939-893 | rev          | A |
| www.fci.com                                                                         |                | cat. no.   |                                                                                                     | -                                                                                           |                                             | Product - Customer Drw |        |           | sheet 3 of 4 |   |



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PRODUCT NUMBER  
51939-893--  
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 51939-893 AND 51939-893LF 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 0.03  
TO 0.08 Cu PLATING TO ACHIEVE  
 $\varnothing 1.02 \pm 0.07$  HOLE.
- 10. CONNECTOR KEEP-OUT ZONE.

|             |                |            |                       |               |                        |                        |       |          |              |     |   |
|-------------|----------------|------------|-----------------------|---------------|------------------------|------------------------|-------|----------|--------------|-----|---|
| dr          | Ruan MT        | 2014/06/20 | <div>projection</div> | <div>MM</div> | size                   | A4                     | scale | 1:1      |              |     |   |
| eng         | Ruan MT        | 2014/07/03 |                       |               | ecn no                 | -                      |       |          |              |     |   |
| chr         | -              | -          |                       |               |                        |                        |       |          |              |     |   |
| appr        | Pei-Ming Zheng | 2014/07/03 | product family        |               | PwrBlade               | rel level              |       | Released |              |     |   |
|             | title          |            |                       |               | 3DCP + 16S + 3ACP      |                        |       | dwg no   | 51939-893    | rev | A |
|             |                |            |                       |               | RIGHT ANGLE XXX HEADER |                        |       |          |              |     |   |
| www.fci.com |                | cat. no.   |                       | -             |                        | 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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