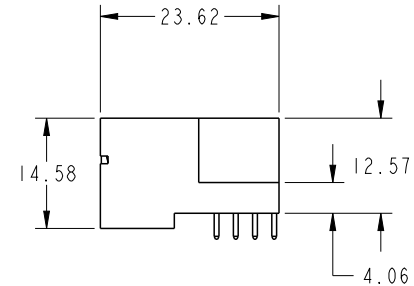
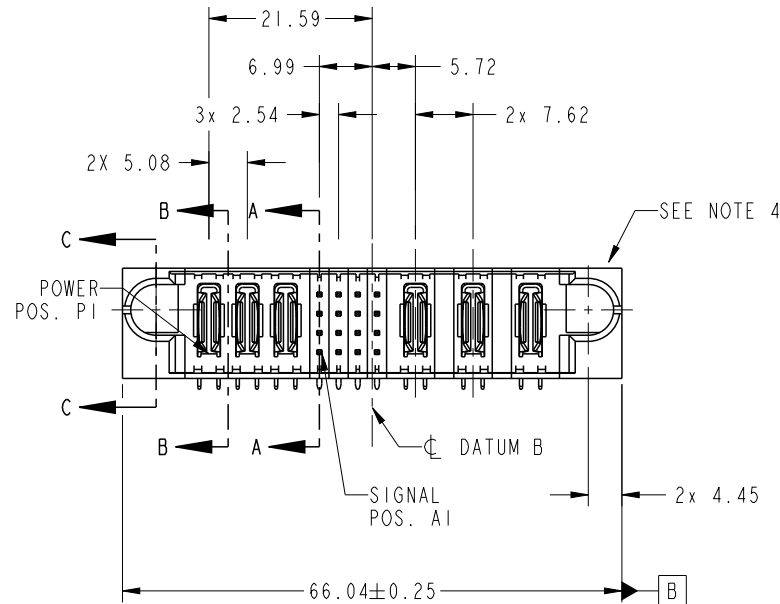




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| PRODUCT NO.           | ROWS             | POWER                                                                             |                                                                                   |                                                                                   | 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<br>ASME Y14.5 | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED |         |       | eng  | Ruan MT                                              | 2014/07/03 |                                   |                           | ecn no         |    |              |     | -        |
|                             |                                          |         |       | chr  | -                                                    | -          |                                   |                           | rel level      |    |              |     | Released |
|                             |                                          |         |       | appr | Pei-Ming Zheng                                       | 2014/07/03 |                                   |                           | product family |    | PwrBlade     |     |          |
| surface<br>ASME Y14.5       | linear                                   | 0.X     | ±0.5  |      | title<br>3DCP + 16S + 3ACP<br>RIGHT ANGLE XXX HEADER |            |                                   | 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

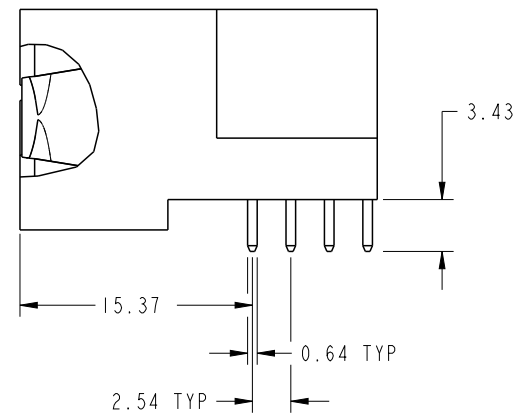
PDS: Rev :A

STATUS:Released

Printed: Jul 04, 2014

PRODUCT NUMBER

51939-893--  
NOTE: 3



SECTION C-C

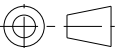
|             |                |                        |                |          |                   |                        |           |              |
|-------------|----------------|------------------------|----------------|----------|-------------------|------------------------|-----------|--------------|
| 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 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | 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          |                        |        |     |           |              |     |   |
| <div></div> |                | title      |                                                                                                                        |                                                                                                                | 3DCP + 16S + 3ACP |                        | 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       |  | rev |
|             |                |            |                        |               |                   |                        |       |              |  |     |
|             |                |            | RIGHT ANGLE XXX HEADER |               |                   |                        |       | A            |  |     |
| 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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