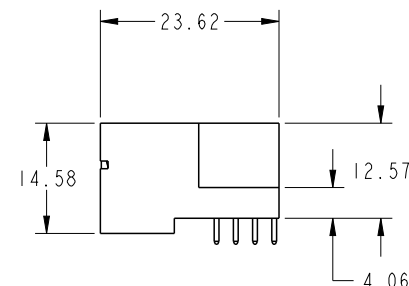
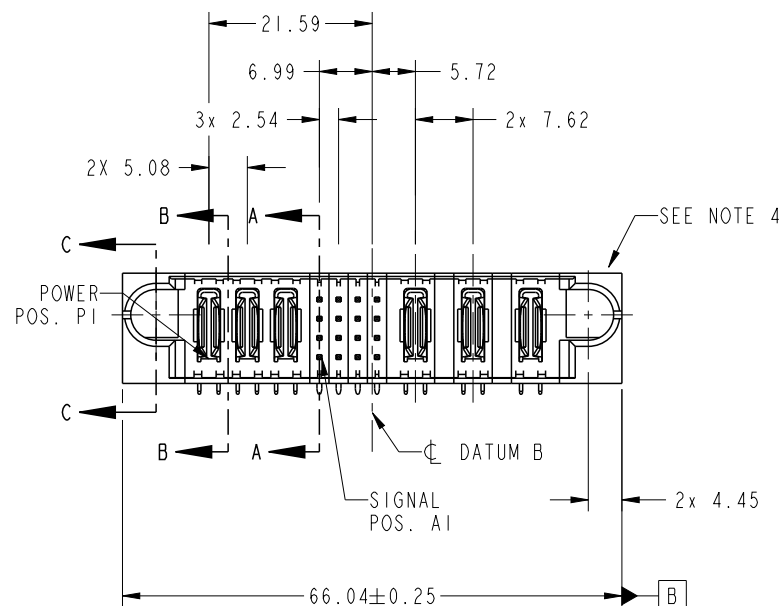
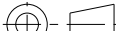


| PRODUCT NO.           | ROWS             | POWER                                                                             |                                                                                   |                                                                                   |    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

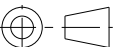
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-893--  
NOTE: 3



SECTION C-C

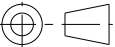
|                                                                                     |                |            |                                                                                                                        |                                                                                                                |                                             |                        |       |        |          |              |  |     |  |   |  |
|-------------------------------------------------------------------------------------|----------------|------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------|-------|--------|----------|--------------|--|-----|--|---|--|
| dr                                                                                  | Ruan MT        | 2014/06/20 | <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                                    |                        |       |        |          |              |  |     |  |   |  |
|  |                | title      |                                                                                                                        |                                                                                                                | 3DCP + 16S + 3ACP<br>RIGHT ANGLE XXX HEADER |                        |       | dwg no |          | 51939-893    |  | rev |  | A |  |
|                                                                                     |                |            |                                                                                                                        |                                                                                                                |                                             |                        |       |        |          |              |  |     |  |   |  |
| www.fci.com                                                                         |                | cat. no.   |                                                                                                                        | -                                                                                                              |                                             | Product - Customer Drw |       |        |          | sheet 2 of 4 |  |     |  |   |  |

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               |           |       |              |          |
|  | title<br>3DCP + 16S + 3ACP<br>RIGHT ANGLE XXX HEADER |            |                                                                                                                        |                                                                                                                | dwg no                 | 51939-893 |       | rev<br>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    |
|             |                |            |                       | RIGHT ANGLE XXX HEADER |          |                        |       | rev          |
|             |                |            |                       |                        |          |                        |       | 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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