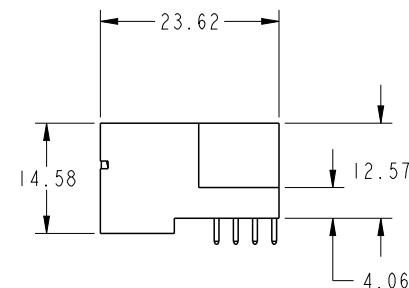
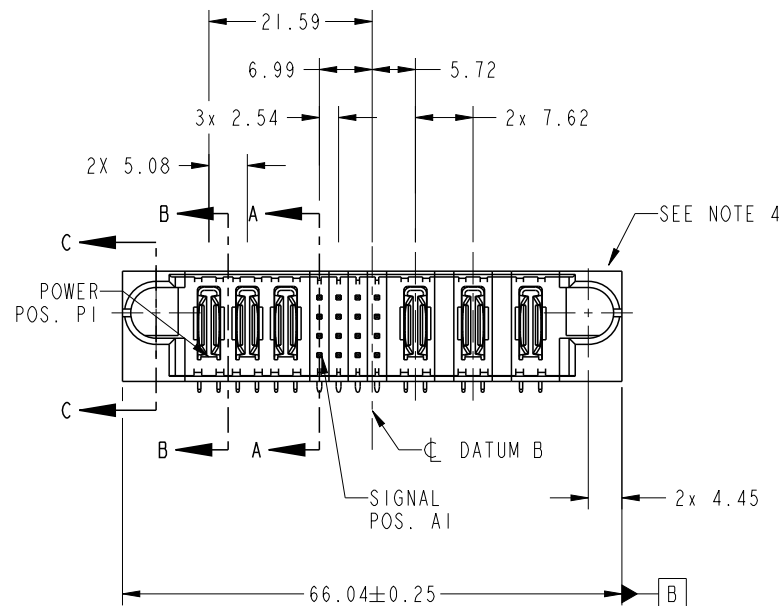


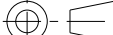


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| PRODUCT NO.           | ROWS             | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   | 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                                           | projection<br> | MM<br> | 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     |   |
| surface       |       | linear                                | 0.X   | ±0.5        |  | title<br>3DCP + 16S + 3ACP<br>RIGHT ANGLE XXX HEADER |                                                                                                     |                                                                                             | dwg no                 | 51939-893 |       | rev          | A |
| ASME Y14.5    | 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

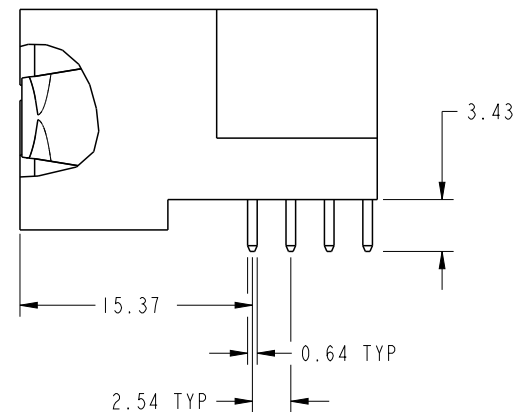
Printed: Jul 04, 2014

PRODUCT NUMBER

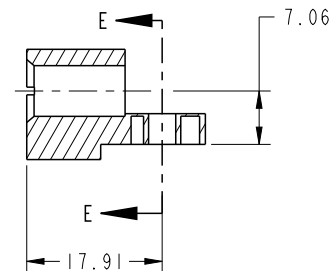
51939-893--  
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1

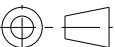


BROKEN-OUT SECTION B-B  
SCALE 2:1



PARTIAL SECTION E-E

SECTION C-C

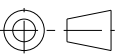
|                                                                                                |                |                        |                                                                                                                        |                                                                                                                |                   |                        |       |              |          |
|------------------------------------------------------------------------------------------------|----------------|------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------|------------------------|-------|--------------|----------|
| 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          |                        |       |              |          |
| <div></div> |                | title                  |                                                                                                                        |                                                                                                                | 3DCP + 16S + 3ACP |                        |       | rev          |          |
|                                                                                                |                | RIGHT ANGLE XXX HEADER |                                                                                                                        |                                                                                                                | dwg no            |                        |       | 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                                                                                            | -              | -          |                                                                                                                        |                                                                                                                |                   |                        |        |     |           |              |          |   |
| appr                                                                                           | Pei-Ming Zheng | 2014/07/03 | product family                                                                                                         |                                                                                                                |                   |                        |        |     | PwrBlade  | rel level    | Released |   |
| <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:

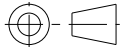
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH  
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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             |            |                                                                                                             |                                                                                                     | dwg no    |           |              | rev      |
|                                                                                     | 3DCP + 16S + 3ACP |            |                                                                                                             |                                                                                                     | 51939-893 |           |              | 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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