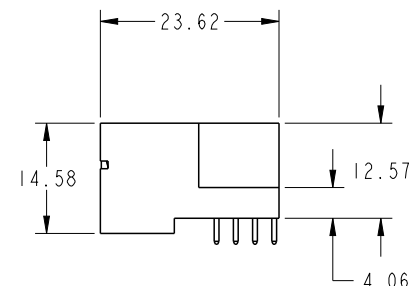
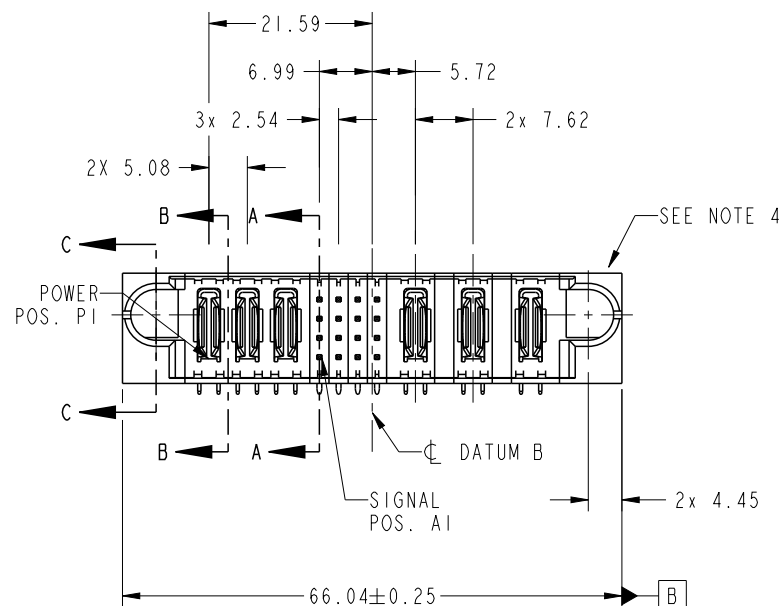
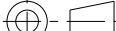


| PRODUCT NO.           | ROWS             | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   | 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 |  |  |  |  |  |  |  |  |  |  |  |  |
|                       |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |  |  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                       |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |  |  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                       |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |  |  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |



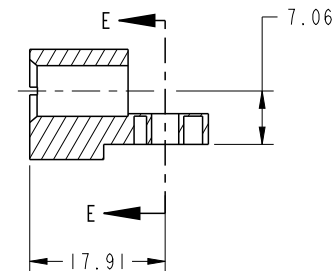
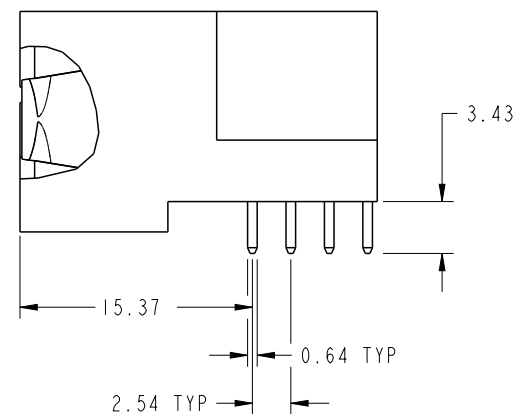
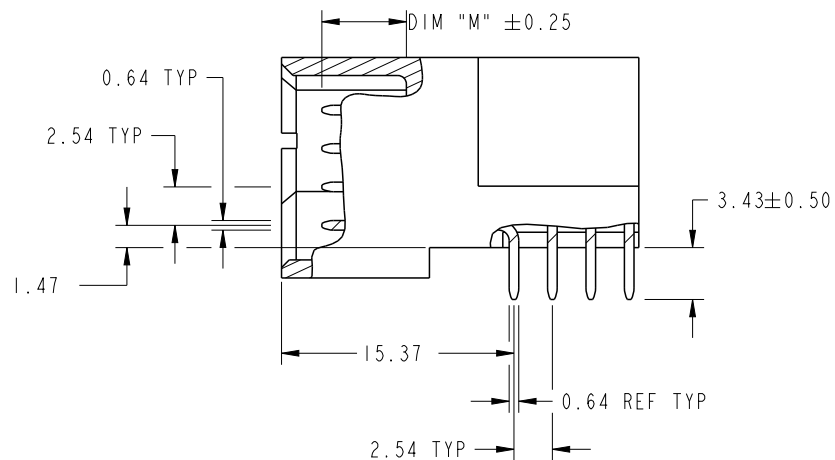
| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| F    | [5.59]                      | SIGNAL          |
| E    | [5.59]                      | SIGNAL          |
| T    | [6.86]                      | SIGNAL          |
| U    | [6.86]                      | 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 |           |              |     |
|               |         |                                       |       | appr                                                                                | Pei-Ming Zheng | 2014/07/03                                  | product family                                                                                      |                                                                                             | PwrBlade  |           | Released     |     |
| surface<br>✓  | linear  | 0.X                                   | ±0.5  |  | title          | 3DCP + 16S + 3ACP<br>RIGHT ANGLE XXX HEADER |                                                                                                     |                                                                                             | dwg no    | 51939-893 |              | rev |
|               |         | 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

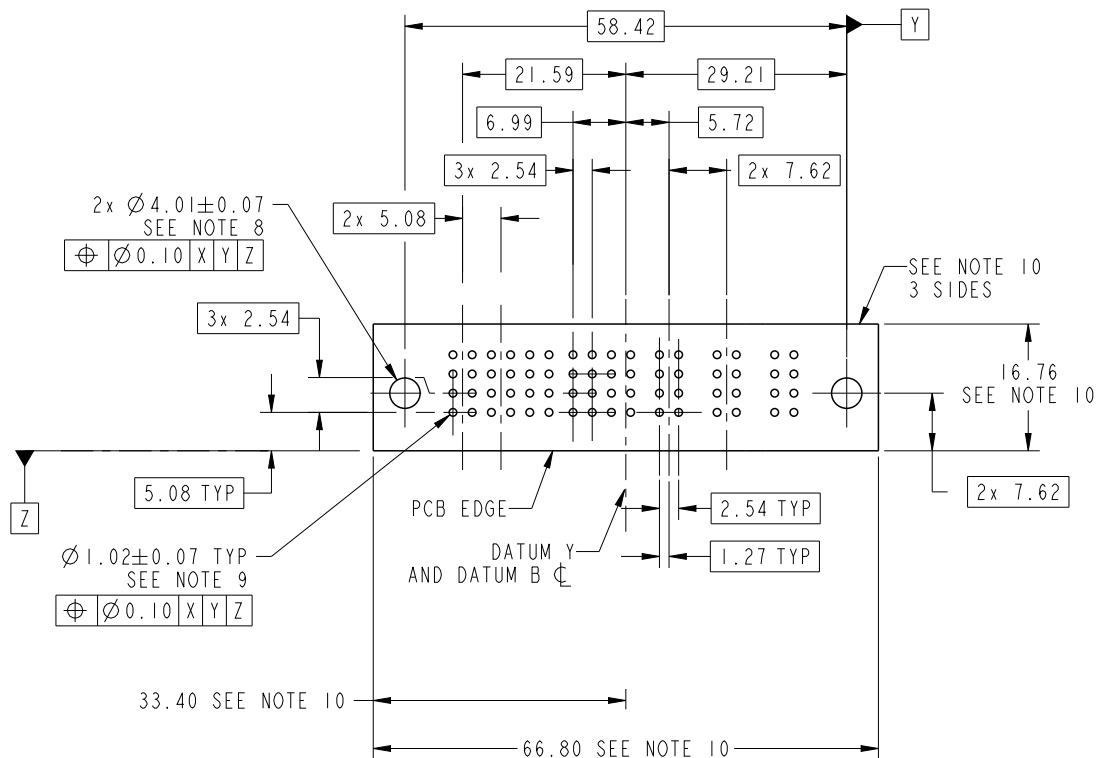


SECTION C-C

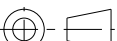
|             |                |            |                                             |                        |           |          |              |     |
|-------------|----------------|------------|---------------------------------------------|------------------------|-----------|----------|--------------|-----|
| dr          | Ruan MT        | 2014/06/20 | 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<br>RIGHT ANGLE XXX HEADER |                        |           | dwg no   | 51939-893    | rev |
| 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          | 3DCP + 16S + 3ACP<br>RIGHT ANGLE XXX HEADER |                                                                                                                        |                                                                                                                | dwg no    | 51939-893 |              | rev |          |
|                                                                                     |                |                                             |                                                                                                                        |                                                                                                                |           |           |              |     |          |
| 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 |     |   |