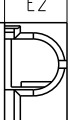
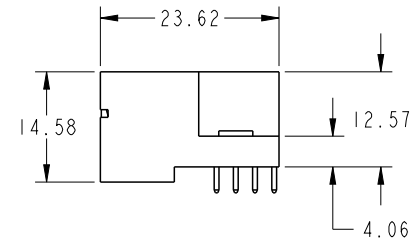
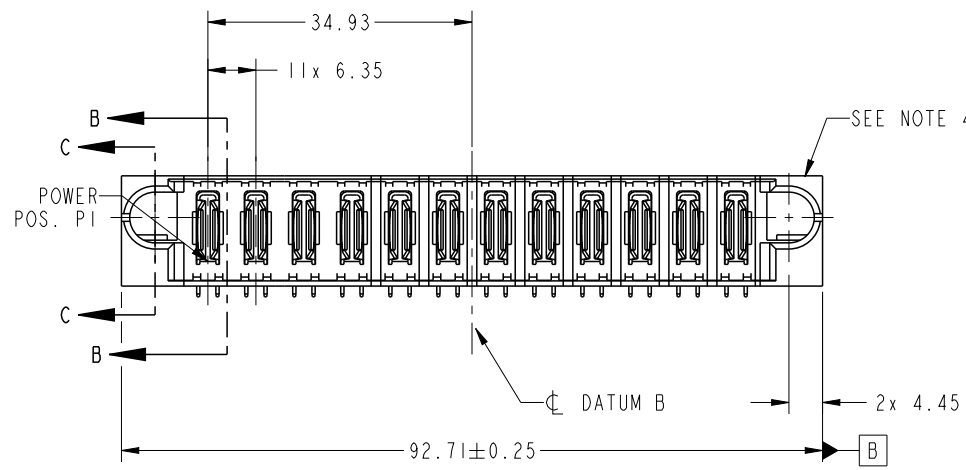
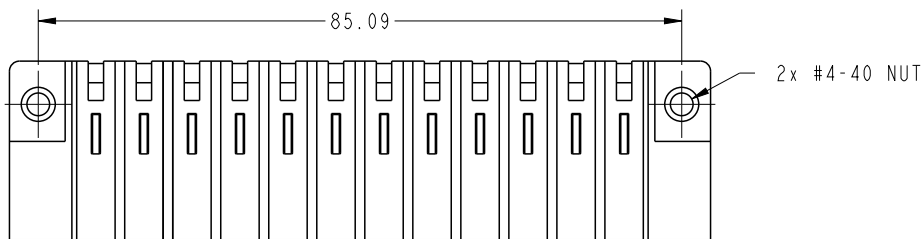
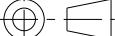




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|                       |  |                                                                                   |    |    |    |    |    |    |    |    |    |     |     |     |                                                                                    |
|-----------------------|--|-----------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|------------------------------------------------------------------------------------|
|                       |  | POWER                                                                             |    |    |    |    |    |    |    |    |    |     |     |     |                                                                                    |
| PRODUCT NO.           |  | E1                                                                                | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | E2                                                                                 |
| 51907-006--<br>NOTE 3 |  |  | PA | PA | PA | PA | PA | PA | PA | PA | PA | PA  | PA  | PA  |  |

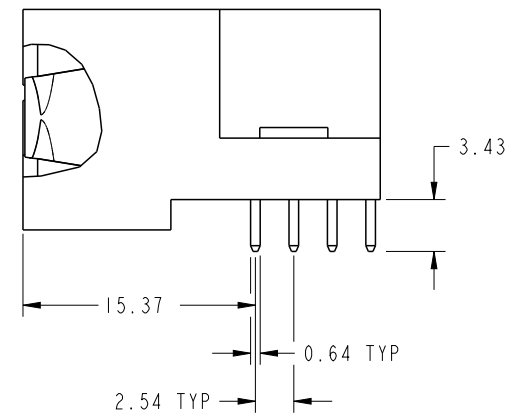


|               |         |       |       |                                                                                     |                                           |            |                                                                                                     |                                                                                             |                |                |              |          |
|---------------|---------|-------|-------|-------------------------------------------------------------------------------------|-------------------------------------------|------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|----------------|--------------|----------|
| spec ref *    |         |       |       | dr                                                                                  | Luo Weller                                | 2013/08/13 | projection<br> | MM<br> | size           | A4             | scale        | 1:1      |
| tolerance std |         |       |       | eng                                                                                 | Luo Weller                                | 2013/11/19 |                                                                                                     |                                                                                             | ecn no         | ELX-DG-16318-1 |              |          |
| ASME Y14.5    |         |       |       | chr                                                                                 | -                                         | -          |                                                                                                     |                                                                                             |                | rel level      |              |          |
|               |         |       |       | appr                                                                                | Pei-Ming Zheng                            | 2013/11/19 |                                                                                                     |                                                                                             | product family |                | PwrBlade     |          |
| surface<br>✓  | linear  | 0.X   | ±0.5  |  | title<br>I2P<br>RIGHT ANGLE SOLDER HEADER |            |                                                                                                     |                                                                                             | dwg no         | 51907-006      |              | rev<br>B |
|               |         | 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 |          |

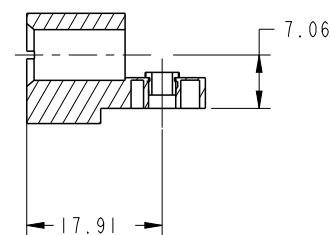
Print File - REV C - 2009-06-09

PRODUCT NUMBER

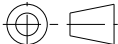
51907-006--  
NOTE: 3



BROKEN-OUT SECTION B-B  
SCALE 2:1

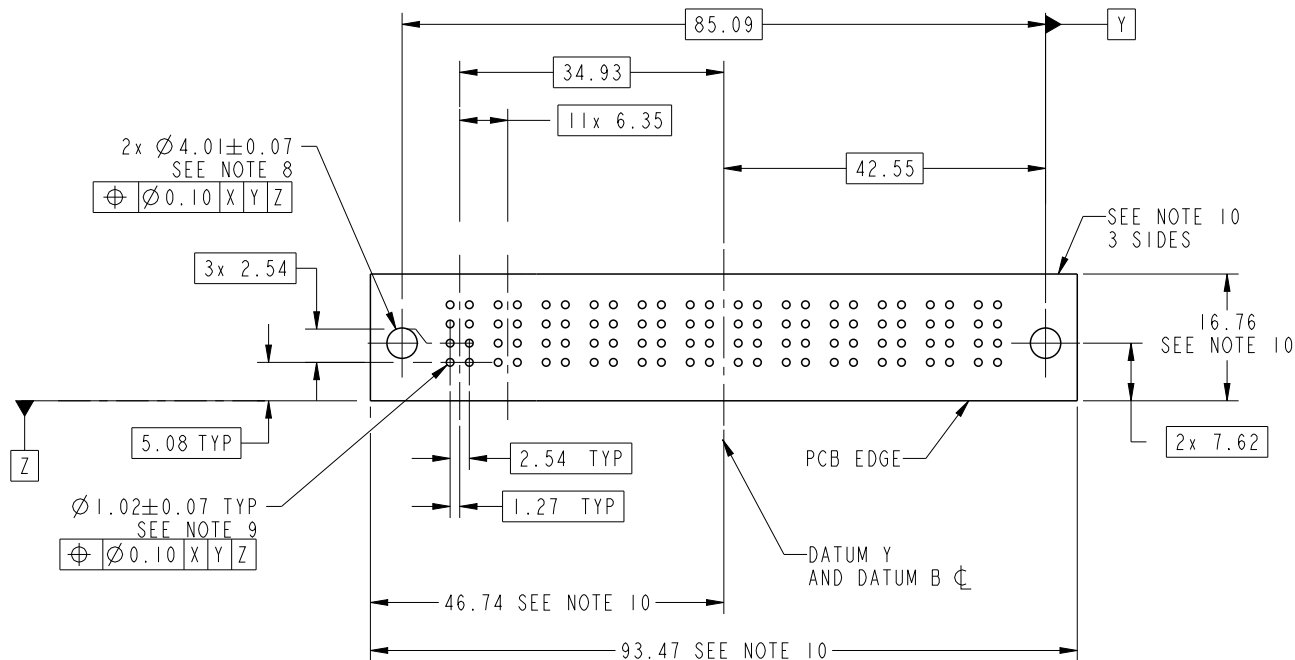


SECTION C-C

|                                                                                     |                |            |                                                                                                                        |                                                                                                                |                           |                        |           |              |                |
|-------------------------------------------------------------------------------------|----------------|------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|-----------|--------------|----------------|
| dr                                                                                  | Luo Weller     | 2013/08/13 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                      | A4                     | scale     | 1:1          |                |
| eng                                                                                 | Luo Weller     | 2013/11/19 |                                                                                                                        |                                                                                                                | ecn no                    |                        |           |              | ELX-DG-16318-1 |
| chr                                                                                 | -              | -          |                                                                                                                        |                                                                                                                | rel level                 |                        |           |              | Released       |
| appr                                                                                | Pei-Ming Zheng | 2013/11/19 | product family                                                                                                         |                                                                                                                | PwrBlade                  |                        |           |              |                |
|  |                | title      |                                                                                                                        |                                                                                                                | 12P                       |                        | dwg no    |              |                |
|                                                                                     |                |            |                                                                                                                        |                                                                                                                | RIGHT ANGLE SOLDER HEADER |                        | 51907-006 |              |                |
|                                                                                     |                |            |                                                                                                                        |                                                                                                                |                           |                        | rev       |              |                |
|                                                                                     |                |            |                                                                                                                        |                                                                                                                |                           |                        | B         |              |                |
| www.fci.com                                                                         |                | cat. no.   |                                                                                                                        | -                                                                                                              |                           | Product - Customer Drw |           | sheet 2 of 4 |                |

PRODUCT NUMBER

51907-006--  
NOTE: 3



RECOMMENDED PCB LAYOUT

|             |                |            |                                  |          |                        |                |              |     |
|-------------|----------------|------------|----------------------------------|----------|------------------------|----------------|--------------|-----|
| dr          | Luo Weller     | 2013/08/13 | projection                       | MM       | size                   | A4             | scale        | 1:1 |
| eng         | Luo Weller     | 2013/11/19 |                                  |          | ecn no                 | ELX-DG-16318-1 |              |     |
| chr         | -              | -          |                                  |          | rel level              | Released       |              |     |
| appr        | Pei-Ming Zheng | 2013/11/19 | product family                   | PwrBlade | rel level              | Released       |              |     |
| FCI         |                | title      | 12P<br>RIGHT ANGLE SOLDER HEADER |          | dwg no                 | 51907-006      |              | rev |
| www.fci.com |                | cat. no.   | -                                |          | Product - Customer Drw |                | sheet 3 of 4 |     |



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PRODUCT NUMBER  
51907-006--  
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 51907-006 AND 51907-006LF 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          | Luo Weller                | 2013/08/13 | <div>projection</div> | <div>MM</div>          | size      | A4             | scale        | 1:1 |
| eng         | Luo Weller                | 2013/11/19 |                       |                        | ecn no    | ELX-DG-16318-1 |              |     |
| chr         | -                         | -          |                       |                        | rel level | Released       |              |     |
| appr        | Pei-Ming Zheng            | 2013/11/19 | product family        |                        | PwrBlade  |                |              |     |
|             | title                     |            |                       |                        | dwg no    |                | rev          |     |
|             | 12P                       |            |                       |                        | 51907-006 |                | B            |     |
|             | RIGHT ANGLE SOLDER HEADER |            |                       |                        |           |                |              |     |
| www.fci.com | cat. no.                  |            | -                     | Product - Customer Drw |           |                | sheet 4 of 4 |     |