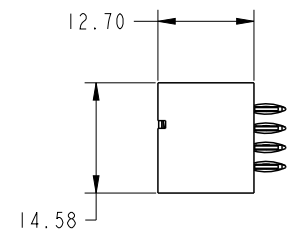
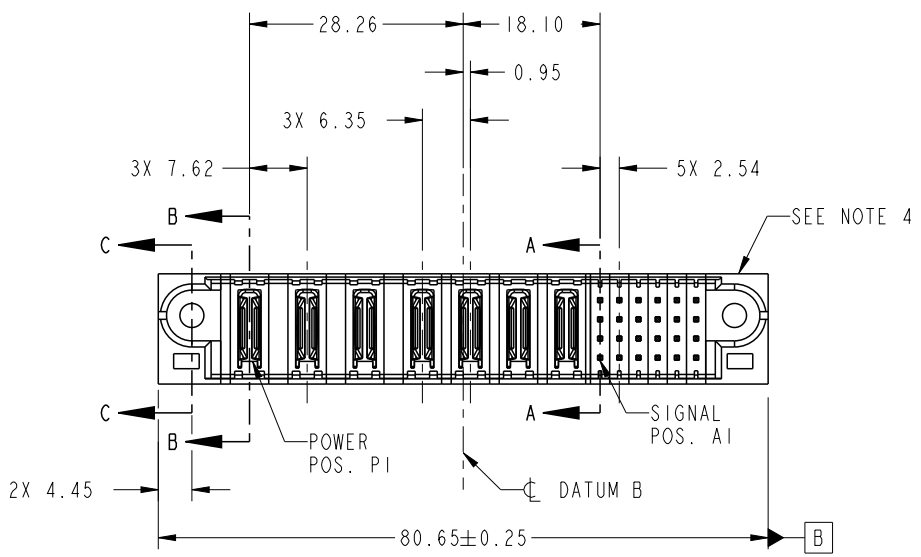




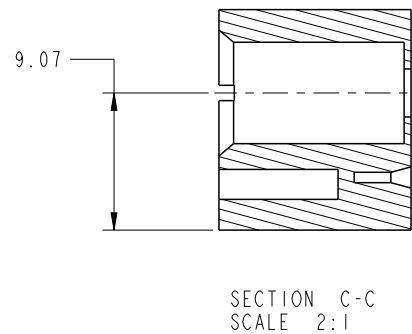
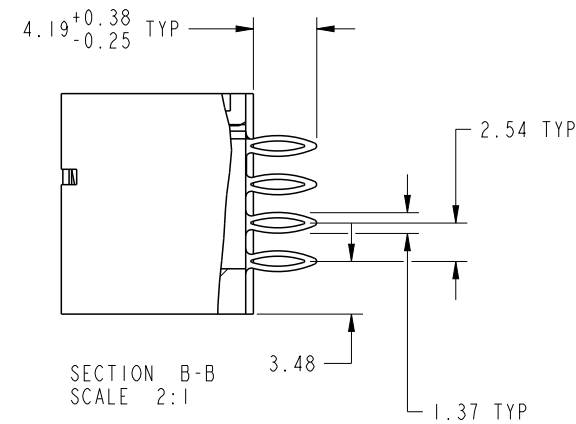
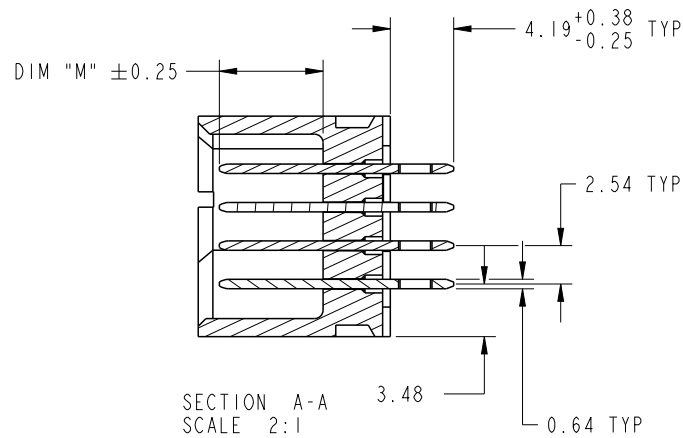
Copyright FCI.

| PRODUCT NO.             | ROW S            |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | SIGNAL                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|-------------------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                         |                  | E1                                                                                | P1                                                                                | P2                                                                                | P3                                                                                | P4                                                                                | P5                                                                                | P6                                                                                | P7                                                                                | 1                                                                                 | 2                                                                                 | 3                                                                                 | 4                                                                                 | 5                                                                                   | 6                                                                                   | E2                                                                                  |
| 51952-194_ _<br>NOTE: 3 | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



|               |                                       |           |       |             |                |                                              |                        |        |           |                 |       |          |
|---------------|---------------------------------------|-----------|-------|-------------|----------------|----------------------------------------------|------------------------|--------|-----------|-----------------|-------|----------|
| spec ref      |                                       | See Notes |       | dr          | Anson Liu      | 2011/07/27                                   | projection<br>         | MM<br> | size      | A4              | scale | 1:1      |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |           |       | eng         | Julia Wang     | 2011/10/11                                   |                        |        | ecn no    | ELX-DG-006820-1 |       |          |
| See Notes     |                                       |           |       | chr         | -              | -                                            |                        |        | rel level | Released        |       |          |
|               |                                       |           |       | appr        | Pei-Ming Zheng | 2011/10/11                                   | product family         |        | PwrBlade  |                 |       |          |
| surface<br>   | linear                                | 0.X       | ±0.5  |             | title          | 3ACP + 4P + 24S<br>VERTICAL PRESS-FIT HEADER |                        |        | dwg no    | 51952-194       |       | rev<br>B |
|               |                                       | 0.XX      | ±0.25 |             |                |                                              |                        |        |           |                 |       |          |
|               |                                       | 0.XXX     | ±0.1  |             |                |                                              |                        |        |           |                 |       |          |
|               | angular                               | 0°        | ±2°   | www.fci.com | cat. no.       | -                                            | Product - Customer Drw |        |           | sheet 1 of 4    |       |          |

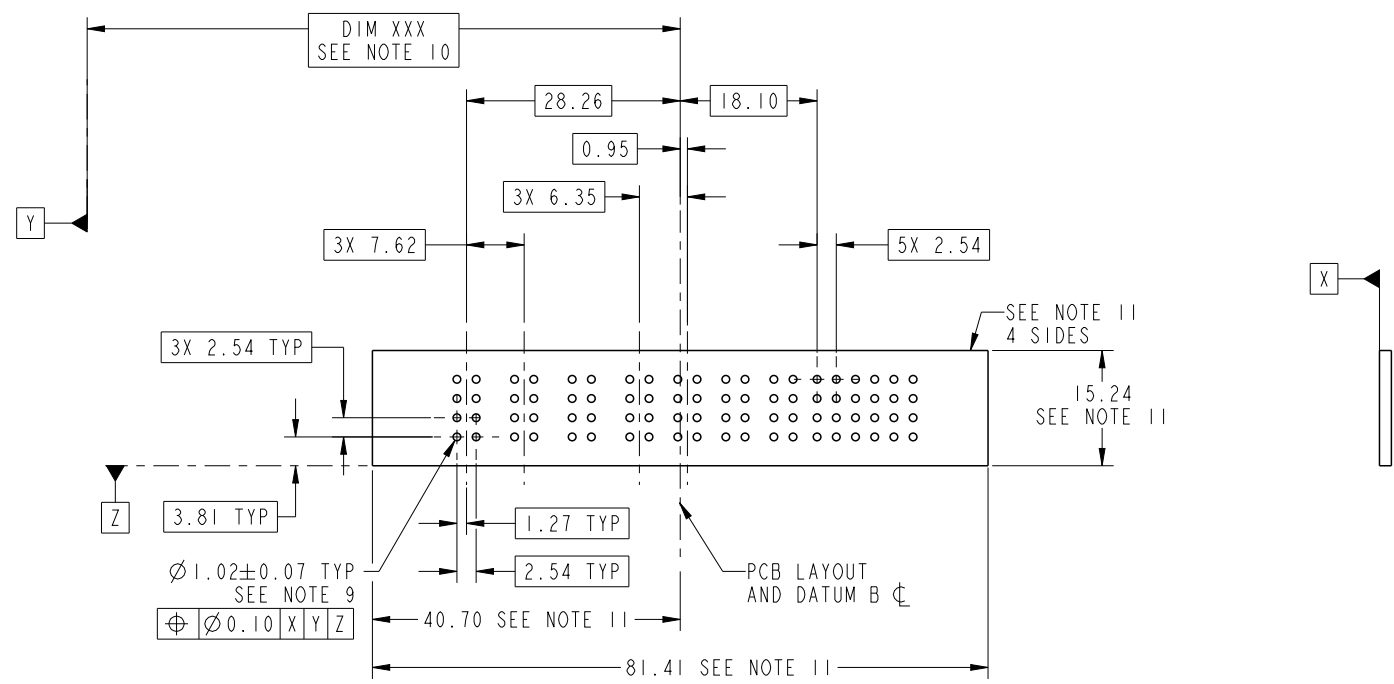
PrintE File - REV C - 2009-06-09



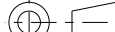
|               |                                       |       |       |             |                |                                              |                        |        |           |                 |          |     |
|---------------|---------------------------------------|-------|-------|-------------|----------------|----------------------------------------------|------------------------|--------|-----------|-----------------|----------|-----|
| spec ref      | See Notes                             |       |       | dr          | Anson Liu      | 2011/07/27                                   | projection<br>         | MM<br> | size      | A4              | scale    | 1:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng         | Julia Wang     | 2011/10/11                                   |                        |        | ecn no    | ELX-DG-006820-1 |          |     |
| See Notes     |                                       |       |       | chr         | -              | -                                            |                        |        |           | rel level       |          |     |
|               |                                       |       |       | appr        | Pei-Ming Zheng | 2011/10/11                                   | product family         |        | PwrBlade  | Released        |          |     |
| surface<br>✓  | linear                                | 0.X   | ±0.5  |             | title          | 3ACP + 4P + 24S<br>VERTICAL PRESS-FIT HEADER |                        | dwg no | 51952-194 |                 | rev<br>B |     |
|               |                                       | 0.XX  | ±0.25 |             |                |                                              |                        |        |           |                 |          |     |
|               |                                       | 0.XXX | ±0.1  |             |                |                                              |                        |        |           |                 |          |     |
|               | angular                               | 0°    | ±2°   | www.fci.com | cat. no.       | -                                            | Product - Customer Drw |        |           | sheet 2 of 4    |          |     |



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RECOMMENDED PCB LAYOUT

|                                                                                             |                                       |       |       |                                                                                     |                                                       |            |                                                                                                     |                                                                                       |           |           |              |          |                 |
|---------------------------------------------------------------------------------------------|---------------------------------------|-------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------|-----------|--------------|----------|-----------------|
| spec ref                                                                                    | See Notes                             |       |       | dr                                                                                  | Anson Liu                                             | 2011/07/27 | projection<br> |  | size      | A4        | scale        | 1:1      |                 |
| tolerance std                                                                               | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng                                                                                 | Julia Wang                                            | 2011/10/11 |                                                                                                     |                                                                                       | ecn no    |           |              |          | ELX-DG-006820-1 |
| See Notes                                                                                   |                                       |       |       | chr                                                                                 | -                                                     | -          |                                                                                                     |                                                                                       | rel level |           |              |          | Released        |
|                                                                                             |                                       |       |       | appr                                                                                | Pei-Ming Zheng                                        | 2011/10/11 | product family                                                                                      |                                                                                       | PwrBlade  |           |              |          |                 |
| surface  | linear                                | 0.X   | ±0.5  |  | title<br>3ACP + 4P + 24S<br>VERTICAL PRESS-FIT HEADER |            |                                                                                                     |                                                                                       | dwg no    | 51952-194 |              | rev<br>B |                 |
|                                                                                             |                                       | 0.XX  | ±0.25 |                                                                                     |                                                       |            |                                                                                                     |                                                                                       |           |           |              |          |                 |
|                                                                                             |                                       | 0.XXX | ±0.1  |                                                                                     |                                                       |            |                                                                                                     |                                                                                       |           |           |              |          |                 |
|                                                                                             | angular                               | 0°    | ±2°   | www.fci.com                                                                         | cat. no.                                              |            | -                                                                                                   | Product - Customer Drw                                                                |           |           | sheet 3 of 4 |          |                 |

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 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51952-194 AND 51952-194LF RESPECTIVELY.

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON  
THIS SURFACE. THE P/N 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 .001 [0.03]  
TO 0.08 Cu PLATING TO ACHIEVE  
 $\varnothing 1.02 \pm 0.07$  HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

12. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.

|               |                                       |         |       |      |                                                       |            |                |        |                        |                              |       |              |                 |
|---------------|---------------------------------------|---------|-------|------|-------------------------------------------------------|------------|----------------|--------|------------------------|------------------------------|-------|--------------|-----------------|
| spec ref      | See Notes                             |         |       | dr   | Anson Liu                                             | 2011/07/27 | projection<br> | MM<br> | size                   | A4                           | scale | 1:1          |                 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       | eng  | Julia Wang                                            | 2011/10/11 |                |        | ecn no                 | ELX-DG-006820-1              |       |              |                 |
| See Notes     |                                       |         |       | chr  | -                                                     | -          |                |        |                        |                              |       |              |                 |
|               |                                       |         |       | appr | Pei-Ming Zheng                                        | 2011/10/11 | product family |        | PwrBlade               | rel level<br><b>Released</b> |       |              |                 |
| surface<br>   | linear                                | 0.X     | ±0.5  |      | title<br>3ACP + 4P + 24S<br>VERTICAL PRESS-FIT HEADER |            |                |        | dwg no                 | 51952-194                    |       |              | rev<br><b>B</b> |
|               |                                       | 0.XX    | ±0.25 |      |                                                       |            |                |        |                        |                              |       |              |                 |
|               |                                       | 0.XXX   | ±0.1  |      |                                                       |            |                |        |                        |                              |       |              |                 |
|               |                                       | angular | 0°    | ±2°  | www.fci.com                                           | cat. no.   |                | -      | Product - Customer Drw |                              |       | sheet 4 of 4 |                 |