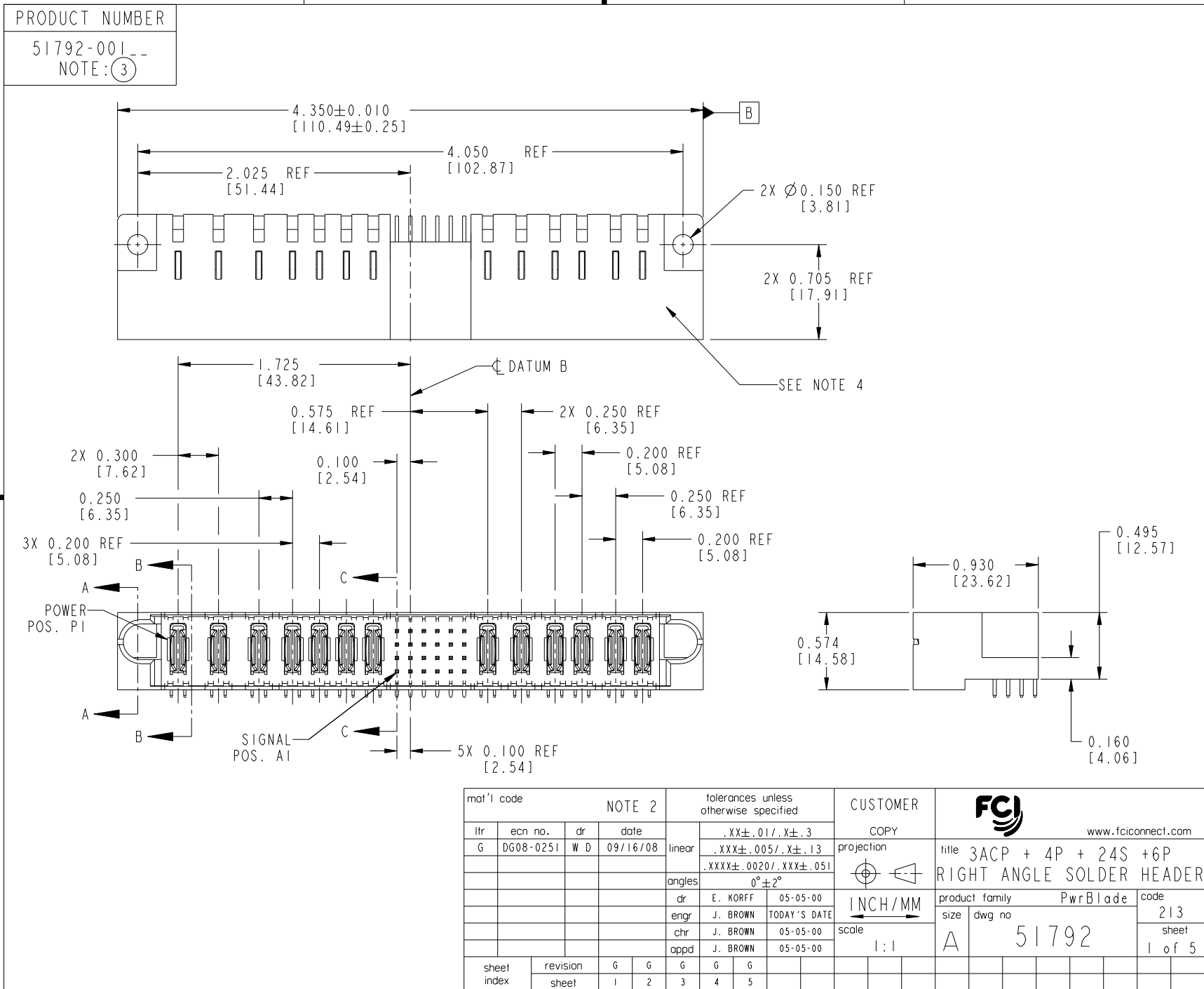
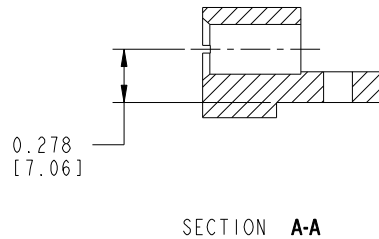
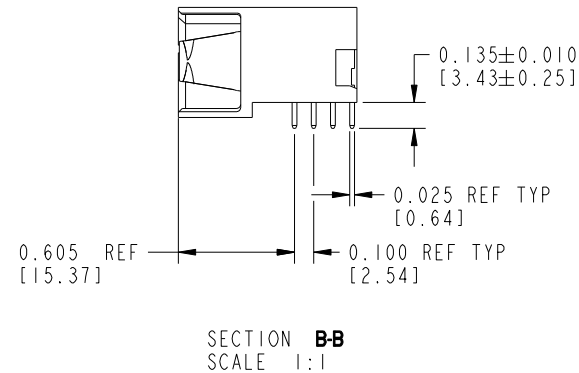
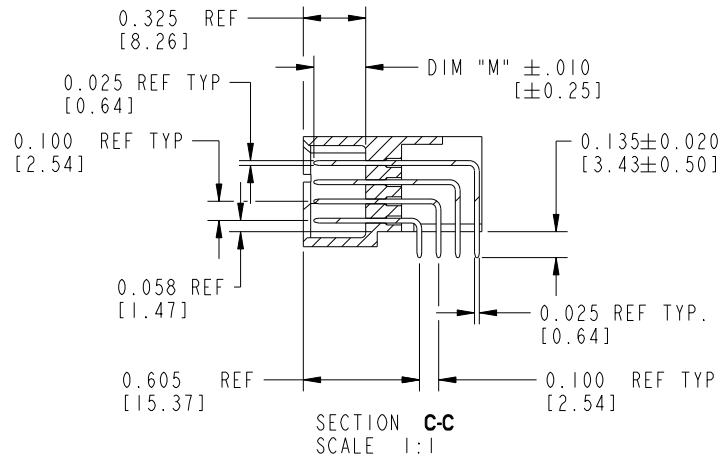




PRODUCT NUMBER  
51792-001--  
NOTE: (3)



| mat'l code  |                |    |      | NOTE 2 |                       | tolerances unless otherwise specified |      | CUSTOMER                |  | FCI                       |  |
|-------------|----------------|----|------|--------|-----------------------|---------------------------------------|------|-------------------------|--|---------------------------|--|
| litr        | ecr no.        | dr | date | linear | .XX±.01/.X±.3         | projection                            | COPY | www.fciconnect.com      |  | title 3ACP + 4P + 24S +6P |  |
| G           |                |    |      | angles | .XXX±.005/.X±.13      | INCH/MM                               |      | product family PwrBlade |  | RIGHT ANGLE SOLDER HEADER |  |
|             |                |    |      | dr     | .XXX±.0020/.XXX±.051  | scale                                 |      | size                    |  | code                      |  |
|             |                |    |      | enr    | 0°±2°                 | 1:1                                   |      | dwg no                  |  | 213                       |  |
|             |                |    |      | chr    | E. KORFF 05-05-00     |                                       |      | A                       |  | sheet                     |  |
|             |                |    |      | appd   | J. BROWN TODAY'S DATE |                                       |      | 51792                   |  | 2 of 5                    |  |
|             |                |    |      |        | J. BROWN 05-05-00     |                                       |      |                         |  |                           |  |
| sheet index | revision sheet |    |      |        |                       |                                       |      |                         |  |                           |  |



PRODUCT NUMBER  
51792-001--  
NOTE: ③

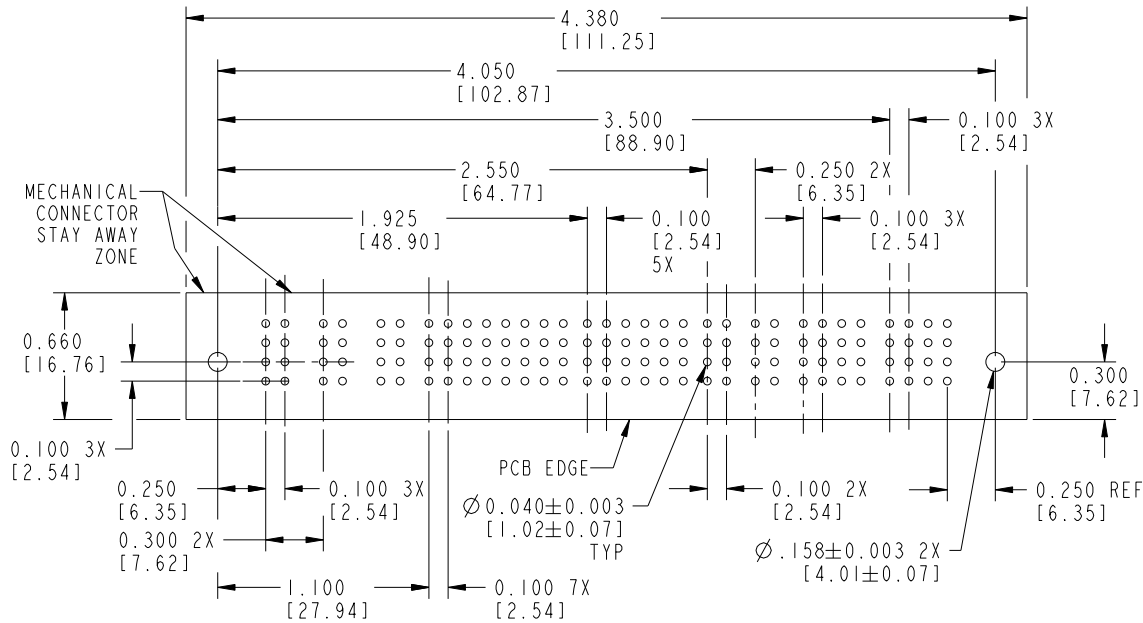
| CODE | DIM "M"<br>MATING<br>LENGTH |        | CONTACT<br>TYPE |
|------|-----------------------------|--------|-----------------|
| PA   | N/A                         | [N/A]  | POWER           |
| R    | 0.270                       | [6.86] | SIGNAL          |
| S    | 0.270                       | [6.86] | SIGNAL          |
| T    | 0.270                       | [6.86] | SIGNAL          |
| U    | 0.270                       | [6.86] | SIGNAL          |
| E    | 0.220                       | [5.59] | SIGNAL          |

| PRODUCT No.          | ROWS             | POWER |    |    |    |    |    |    | SIGNAL |        |        |        |        | POWER  |        |    |    |     | E2 |     |     |     |
|----------------------|------------------|-------|----|----|----|----|----|----|--------|--------|--------|--------|--------|--------|--------|----|----|-----|----|-----|-----|-----|
|                      |                  | E1    | P1 | P2 | P3 | P4 | P5 | P6 | P7     | 1      | 2      | 3      | 4      | 5      | 6      | P8 | P9 | P10 |    | P11 | P12 | P13 |
| 51792-001--<br>NOTE③ | D<br>C<br>B<br>A |       | PA | PA | PA | PA | PA | PA | PA     | UUUUUU | TTTTTT | TTTTTT | TTTTTT | TTTTTT | TTTTTT | PA | PA | PA  | PA | PA  | PA  |     |
|                      |                  |       | U  | U  | U  | U  | U  | U  | U      | U      | U      | U      | U      | U      | U      | U  | U  | U   | U  | U   | U   |     |

|             |         |                |          |              |                      |  |  |                                          |      |                |  |          |                                                                                                                        |                            |  |                                              |  |        |  |  |  |
|-------------|---------|----------------|----------|--------------|----------------------|--|--|------------------------------------------|------|----------------|--|----------|------------------------------------------------------------------------------------------------------------------------|----------------------------|--|----------------------------------------------|--|--------|--|--|--|
| mat'l code  |         |                |          | NOTE 2       |                      |  |  | tolerances unless<br>otherwise specified |      |                |  | CUSTOMER |                                                                                                                        |                            |  | <div>FCI</div> <div>www.fciconnect.com</div> |  |        |  |  |  |
| ltr         | ecn no. | dr             | date     | linear       | .XX±.01/.X±.3        |  |  |                                          | COPY |                |  |          | <div>projection</div> <div></div> | title 3ACP + 4P + 24S + 6P |  |                                              |  |        |  |  |  |
| G           |         |                |          |              | .XXX±.005/.X±.13     |  |  |                                          |      |                |  |          |                                                                                                                        | RIGHT ANGLE SOLDER HEADER  |  |                                              |  |        |  |  |  |
|             |         |                |          |              | .XXX±.0020/.XXX±.051 |  |  |                                          |      |                |  |          |                                                                                                                        |                            |  |                                              |  |        |  |  |  |
|             |         |                |          | angles       | 0°±2°                |  |  |                                          |      |                |  |          |                                                                                                                        |                            |  |                                              |  |        |  |  |  |
|             |         | dr             | E. KORFF | 05-05-00     |                      |  |  |                                          |      | product family |  |          |                                                                                                                        | PwrBlade                   |  |                                              |  | code   |  |  |  |
|             |         | enrg           | J. BROWN | TODAY'S DATE |                      |  |  |                                          |      | INCH/MM        |  |          |                                                                                                                        | size                       |  | dwg no                                       |  | 213    |  |  |  |
|             |         | chr            | J. BROWN | 05-05-00     |                      |  |  |                                          |      | scale          |  |          |                                                                                                                        | A                          |  | 51792                                        |  | sheet  |  |  |  |
|             |         | appd           | J. BROWN | 05-05-00     |                      |  |  |                                          |      | 1:1            |  |          |                                                                                                                        |                            |  |                                              |  | 3 of 5 |  |  |  |
| sheet index |         | revision sheet |          |              |                      |  |  |                                          |      |                |  |          |                                                                                                                        |                            |  |                                              |  |        |  |  |  |



PRODUCT NUMBER  
51792-001--  
NOTE: ③



RECOMMENDED PCB LAYOUT

|             |                |        |      |                                       |                                                                                     |              |           |                           |        |                            |              |
|-------------|----------------|--------|------|---------------------------------------|-------------------------------------------------------------------------------------|--------------|-----------|---------------------------|--------|----------------------------|--------------|
| mat'l code  |                | NOTE 2 |      | tolerances unless otherwise specified |                                                                                     | CUSTOMER     |           | FCI                       |        | www.fciconnect.com         |              |
| ltr         | ecn no.        | dr     | date | linear                                | .XX $\pm$ .01/0.X $\pm$ 0.3                                                         | COPY         |           | projection                |        | title 3ACP + 4P + 24S + 6P |              |
| G           |                |        |      | angles                                | .XXX $\pm$ .005/0.XX $\pm$ 0.13<br>.XXX $\pm$ .0020/0.XXX $\pm$ .051<br>0° $\pm$ 2° | INCH/MM      |           | RIGHT ANGLE SOLDER HEADER |        | product family PwrBlade    |              |
|             |                |        |      | dr                                    | E. KORFF                                                                            | 05-05-00     | scale 1:1 |                           | size   |                            | code 213     |
|             |                |        |      | enrg                                  | J. BROWN                                                                            | TODAY'S DATE |           |                           | dwg no |                            | sheet 4 of 5 |
|             |                |        |      | chr                                   | J. BROWN                                                                            | 05-05-00     |           |                           | A      |                            |              |
|             |                |        |      | appd                                  | J. BROWN                                                                            | 05-05-00     |           |                           | 51792  |                            |              |
| sheet index | revision sheet |        |      |                                       |                                                                                     |              |           |                           |        |                            |              |



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|                |
|----------------|
| PRODUCT NUMBER |
| 51792-001--    |
| 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 3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51792-001 AND 51792-001LF RESPECTIVELY.

4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.  
APPLICATION SPECIFICATION BUS-20-067.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
8.  $\varnothing .0453 \pm 0.0010$  [1.151  $\pm$  0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE  $\varnothing .040 \pm .003$  [1.02  $\pm$  .07] HOLE.
9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
10. CONNECTOR KEEP-OUT ZONE.
11. A ③ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

|             |  |                |  |        |  |      |  |                                       |  |                             |  |              |  |                |  |                      |  |  |  |
|-------------|--|----------------|--|--------|--|------|--|---------------------------------------|--|-----------------------------|--|--------------|--|----------------|--|----------------------|--|--|--|
| mat'l code  |  |                |  | NOTE 2 |  |      |  | tolerances unless otherwise specified |  |                             |  | CUSTOMER     |  |                |  | FCI                  |  |  |  |
| ltr         |  | ecn no.        |  | dr     |  | date |  | linear                                |  | .XX $\pm$ .01/0.X $\pm$ 0.3 |  | projection   |  | COPY           |  | www.fciconnect.com   |  |  |  |
| G           |  |                |  |        |  |      |  | .XXX $\pm$ .005/0.XX $\pm$ 0.13       |  |                             |  | INCH/MM      |  | title          |  | 3ACP + 4P + 24S + 6P |  |  |  |
|             |  |                |  |        |  |      |  | .XXX $\pm$ .0020/0.XXX $\pm$ .051     |  |                             |  | scale        |  | product family |  | PwrBlade             |  |  |  |
|             |  |                |  |        |  |      |  | 0 $^{\circ}$ $\pm$ 2 $^{\circ}$       |  |                             |  | A            |  | size           |  | 213                  |  |  |  |
|             |  |                |  |        |  |      |  | dr                                    |  | E. KORFF                    |  | 05-05-00     |  | dwg no         |  | 5 of 5               |  |  |  |
|             |  |                |  |        |  |      |  | enrg                                  |  | J. BROWN                    |  | TODAY'S DATE |  | 51792          |  |                      |  |  |  |
|             |  |                |  |        |  |      |  | chr                                   |  | J. BROWN                    |  | 05-05-00     |  |                |  |                      |  |  |  |
|             |  |                |  |        |  |      |  | appd                                  |  | J. BROWN                    |  | 05-05-00     |  |                |  |                      |  |  |  |
| sheet index |  | revision sheet |  |        |  |      |  |                                       |  |                             |  |              |  |                |  |                      |  |  |  |

B

B

1 | 2

Pro/E

PDM: Rev:G

STATUS: Released

Printed: Dec 20, 2010

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