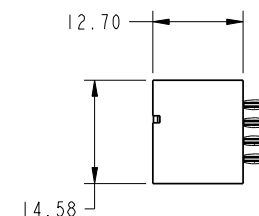
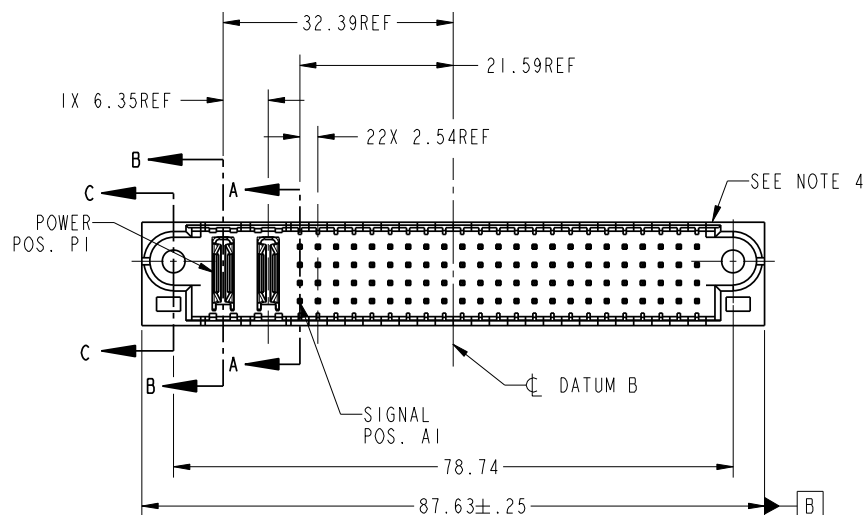




| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| PC   | [N/A]                       | POWER           |
| G    | [6..86]                     | SIGNAL          |
| K    | [5..59]                     | SIGNAL          |

| PRODUCT NO.            | ROWS             | POWER                                                                             |                                                                                   |                                                                                   | SIGNAL |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | E2 |    |    |    |                                                                                     |
|------------------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------------------------------------------------------------------------|
|                        |                  | E1                                                                                | P1                                                                                | P2                                                                                | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    | 20 | 21 | 22 | 23                                                                                  |
| 51712-004__<br>NOTE: 3 | D<br>C<br>B<br>A |  |  |  | G      | G | G | G | G | G | G | G | G | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  |  |



|             |  |                |  |          |  |          |  |                                       |  |               |  |                                                                                       |  |                                                                                             |  |                                                                                                             |  |           |  |                 |  |
|-------------|--|----------------|--|----------|--|----------|--|---------------------------------------|--|---------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------|--|-----------|--|-----------------|--|
| mat'l code  |  |                |  | SEE NOTE |  |          |  | tolerances unless otherwise specified |  |               |  | CUSTOMER                                                                              |  |                                                                                             |  | <br>www.fciconnect.com |  |           |  |                 |  |
| litr        |  | ecn no.        |  | dr       |  | date     |  | linear                                |  | 0.X ± 0.3     |  | COPY                                                                                  |  | title<br>2P + 92S<br>VERTICAL PRESS FIT HEADER                                              |  |                                                                                                             |  |           |  |                 |  |
| A           |  | V03-0855       |  | MEM      |  | 8/5/03   |  |                                       |  | 0.XX ± 0.13   |  | projection                                                                            |  |                                                                                             |  |                                                                                                             |  |           |  |                 |  |
| B           |  | DG05-0212      |  | SJ       |  | 07/07/05 |  | angles                                |  | 0.XXX ± 0.051 |  |  |  |                                                                                             |  |                                                                                                             |  |           |  |                 |  |
| C           |  | DG06-0011      |  | CS       |  | 01/09/06 |  |                                       |  | 0° ± 2°       |  |                                                                                       |  |                                                                                             |  |                                                                                                             |  |           |  |                 |  |
| D           |  | DG07-0357      |  | JULIA    |  | 09/10/07 |  | dr                                    |  | M. MOSTOLLER  |  | 8/5/03                                                                                |  | <br>MM |  | product family                                                                                              |  | PwrBlade  |  | code            |  |
|             |  |                |  |          |  |          |  | engr                                  |  | H. MOSTOLLER  |  | 8/5/03                                                                                |  |                                                                                             |  | size                                                                                                        |  | dwg no    |  | 213             |  |
|             |  |                |  |          |  |          |  | chr                                   |  | H. BREWBAKER  |  | 8/5/03                                                                                |  | scale<br>1:1                                                                                |  | A                                                                                                           |  | 51712-004 |  | sheet<br>1 of 4 |  |
|             |  |                |  |          |  |          |  | appd                                  |  | M. MOSTOLLER  |  | 8/5/03                                                                                |  |                                                                                             |  |                                                                                                             |  |           |  |                 |  |
| sheet index |  | revision sheet |  | D        |  | D        |  | D                                     |  | D             |  |                                                                                       |  |                                                                                             |  |                                                                                                             |  |           |  |                 |  |
|             |  |                |  | 1        |  | 2        |  | 3                                     |  | 4             |  |                                                                                       |  |                                                                                             |  |                                                                                                             |  |           |  |                 |  |

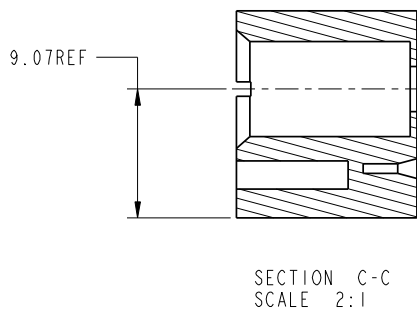
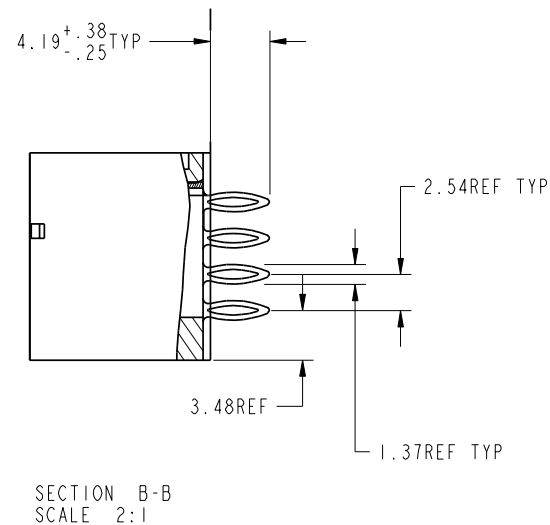
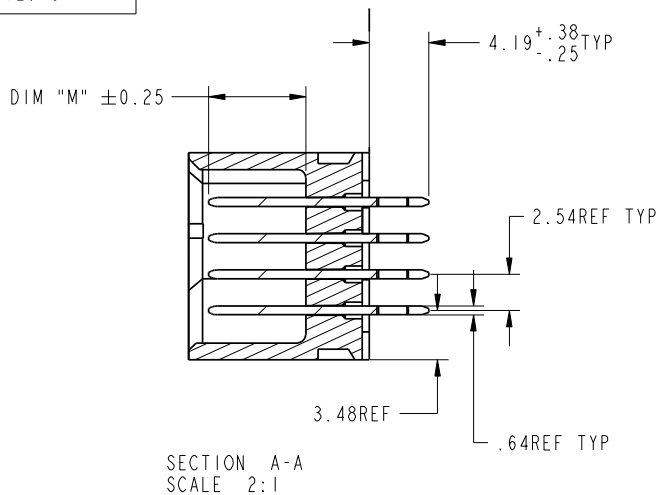
|           |       |
|-----------|-------|
| coge code | 22526 |
|-----------|-------|

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PRODUCT NUMBER  
51712-004--  
NOTE: 3



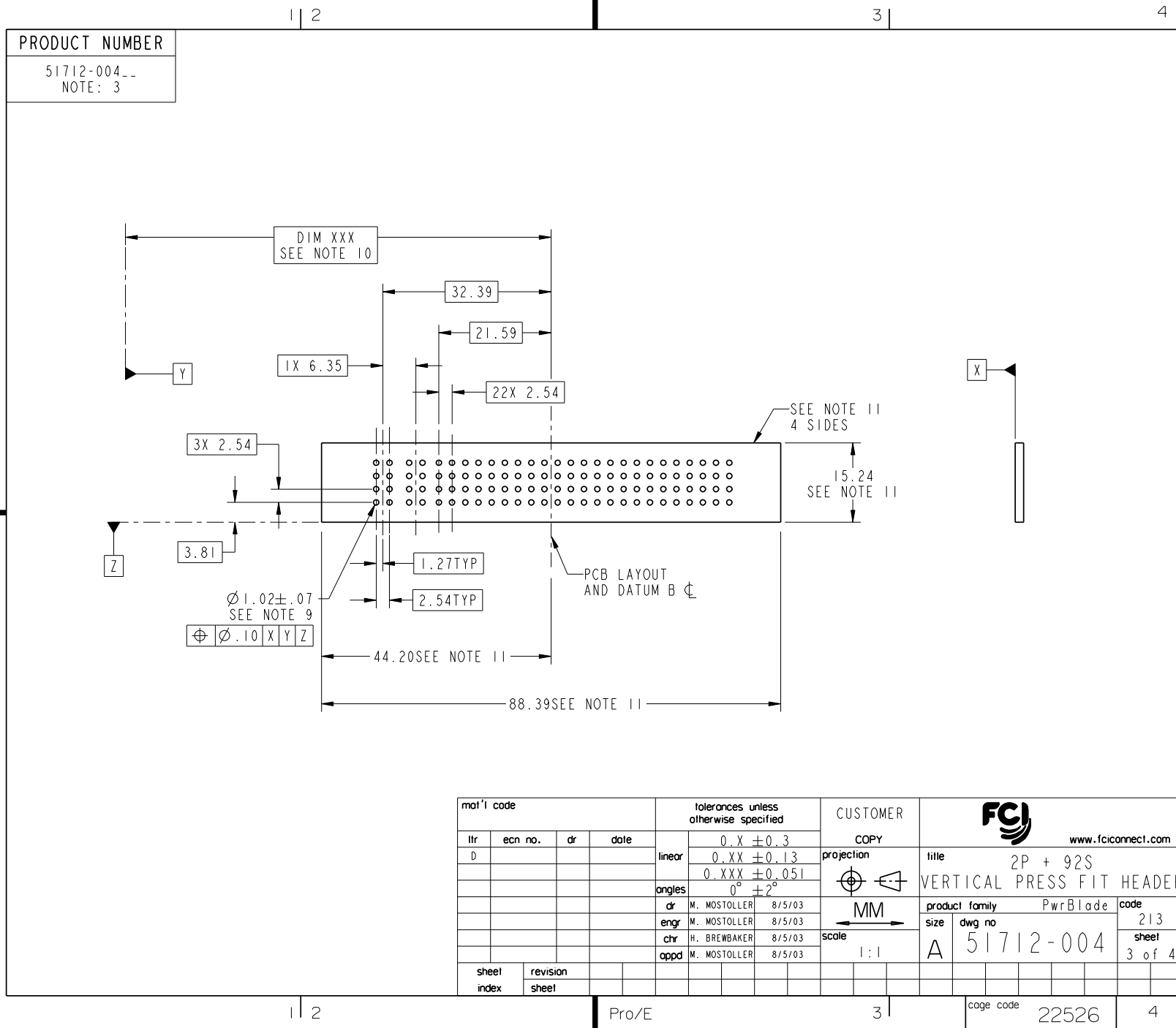
|             |                |    |      |          |              |                                       |            |             |                                    |                                                                           |           |          |       |  |
|-------------|----------------|----|------|----------|--------------|---------------------------------------|------------|-------------|------------------------------------|---------------------------------------------------------------------------|-----------|----------|-------|--|
| mat'l code  |                |    |      | SEE NOTE |              | tolerances unless otherwise specified |            | CUSTOMER    |                                    | <div>FCI</div> <div>www.fciconnect.com</div>                              |           |          |       |  |
| litr        | ecr no.        | dr | date | linear   | 0.X ±0.3     |                                       | projection | COPY        |                                    | <div>title</div> <div>2P + 92S</div> <div>VERTICAL PRESS FIT HEADER</div> |           |          |       |  |
| D           |                |    |      |          | 0.XX ±0.13   |                                       |            | <div></div> | <div>MM</div> <div>scale 1:1</div> |                                                                           |           |          |       |  |
|             |                |    |      |          | 0.XXX ±0.051 |                                       |            |             |                                    |                                                                           |           |          |       |  |
|             |                |    |      | angles   | 0° ±2°       |                                       |            |             |                                    | product family                                                            |           | PwrBlade | code  |  |
|             |                |    |      | dr       | M. MOSTOLLER | 8/5/03                                |            |             |                                    | size                                                                      | dwg no    |          | 213   |  |
|             |                |    |      | enrg     | M. MOSTOLLER | 8/5/03                                |            |             |                                    | A                                                                         | 51712-004 |          | sheet |  |
|             |                |    |      | chr      | H. BREWBAKER | 8/5/03                                |            |             |                                    |                                                                           |           |          | 2     |  |
|             |                |    |      | appd     | M. MOSTOLLER | 8/5/03                                |            |             |                                    |                                                                           |           |          |       |  |
| sheet index | revision sheet |    |      |          |              |                                       |            |             |                                    |                                                                           |           |          |       |  |

Pro/E

cage code 22526



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PRODUCT NUMBER  
51712-004\_\_  
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. PLATING:  
51712-004 ,51712-004LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.
- 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.
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  
 $\varnothing 1.02 \pm .07$  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.

|             |  |                |  |          |  |      |  |                                       |  |                     |  |           |  |            |  |                           |  |  |  |
|-------------|--|----------------|--|----------|--|------|--|---------------------------------------|--|---------------------|--|-----------|--|------------|--|---------------------------|--|--|--|
| mat'l code  |  |                |  | SEE NOTE |  |      |  | tolerances unless otherwise specified |  |                     |  | CUSTOMER  |  |            |  | FCI<br>www.fciconnect.com |  |  |  |
| ltr         |  | ecn no.        |  | dr       |  | date |  | linear                                |  | 0.X $\pm 0.3$       |  | COPY      |  | projection |  | title                     |  |  |  |
| D           |  |                |  |          |  |      |  |                                       |  | 0.XX $\pm 0.13$     |  |           |  |            |  | 2P + 92S                  |  |  |  |
|             |  |                |  |          |  |      |  | angles                                |  | 0° $\pm 2^\circ$    |  |           |  |            |  | VERTICAL PRESS FIT HEADER |  |  |  |
|             |  |                |  |          |  |      |  | dr                                    |  | M. MOSTOLLER 8/5/03 |  |           |  |            |  | product family PwrBlade   |  |  |  |
|             |  |                |  |          |  |      |  | enrg                                  |  | M. MOSTOLLER 8/5/03 |  |           |  |            |  | code 213                  |  |  |  |
|             |  |                |  |          |  |      |  | chr                                   |  | H. BREWBAKER 8/5/03 |  |           |  |            |  | sheet 4                   |  |  |  |
|             |  |                |  |          |  |      |  | appd                                  |  | M. MOSTOLLER 8/5/03 |  |           |  |            |  | size                      |  |  |  |
| sheet index |  | revision sheet |  |          |  |      |  |                                       |  |                     |  | scale 1:1 |  | A          |  | 51712-004                 |  |  |  |
|             |  |                |  |          |  |      |  |                                       |  |                     |  |           |  |            |  | cage code 22526           |  |  |  |