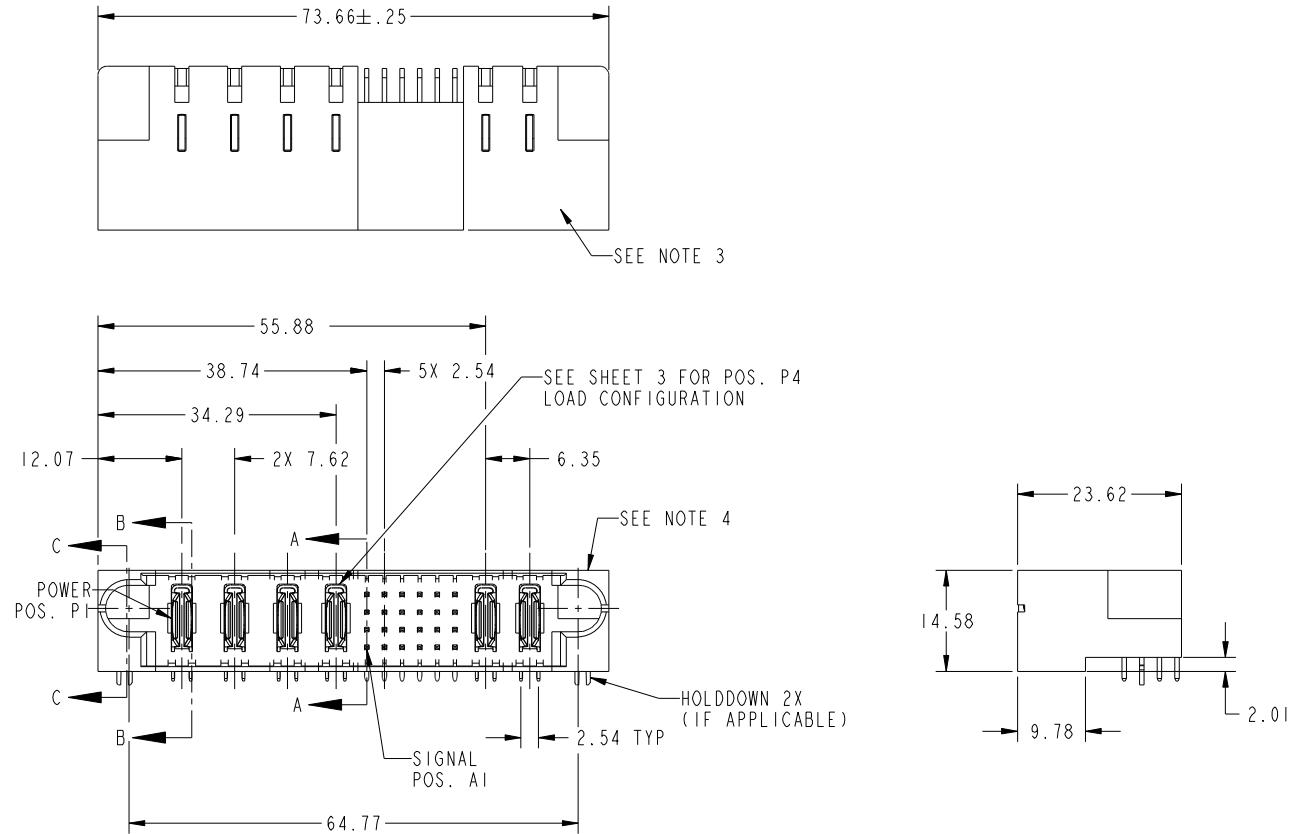


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PRODUCT NUMBER  
SEE SHEET 3



| mat'l code  |                |     |          | SEE NOTE |          | tolerances unless otherwise specified |  | CUSTOMER   |  | FCI                                                        |          |
|-------------|----------------|-----|----------|----------|----------|---------------------------------------|--|------------|--|------------------------------------------------------------|----------|
| litr        | ecn no.        | dr  | date     |          |          |                                       |  | COPY       |  | www.fciconnect.com                                         |          |
| H           | DG08-0272      | JW  | 09/30/08 | linear   |          | 0.X ± 0.5                             |  | projection |  | title<br>3ACP + 1P + 24S + 2P<br>RIGHT ANGLE SOLDER HEADER |          |
| B           | V02943         | JRW | 12/18/00 |          |          | 0.XX ± 0.25                           |  |            |  |                                                            |          |
| C           | V11186         | CGD | 04/12/01 | angles   |          | 0.XXX ± 0.1                           |  |            |  |                                                            |          |
| D           | V12138         | JRW | 04/13/05 | dr       | E. KORFF | 06/20/00                              |  | MIM        |  | product family                                             | PwrBlade |
| E           | DG05-0083      | SW  | 04/13/05 | engr     | J. BROWN | 06/20/00                              |  | scale      |  | size                                                       | dwg no   |
| F           | DG05-0103      | JM  | 05/08/05 | chr      | J. BROWN | 06/20/00                              |  | 1:1        |  | A                                                          | 51786    |
| G           | DG05-0572      | JMG | 01/05/06 | appd     | J. BROWN | 06/20/00                              |  |            |  |                                                            |          |
| sheet index | revision sheet | H   | H        | H        |          |                                       |  |            |  |                                                            |          |
|             |                | I   | 2        | 3        |          |                                       |  |            |  |                                                            |          |

Pro/E

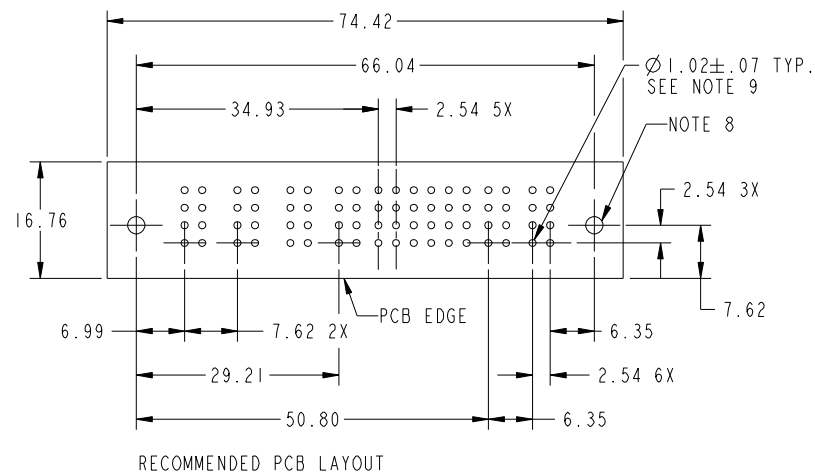
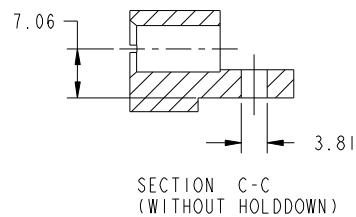
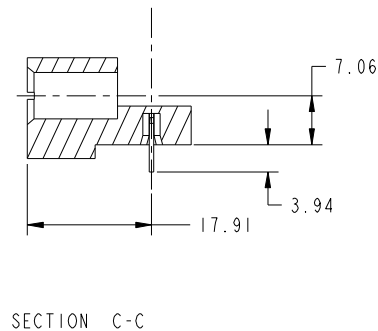
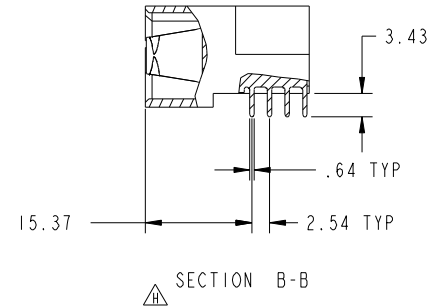
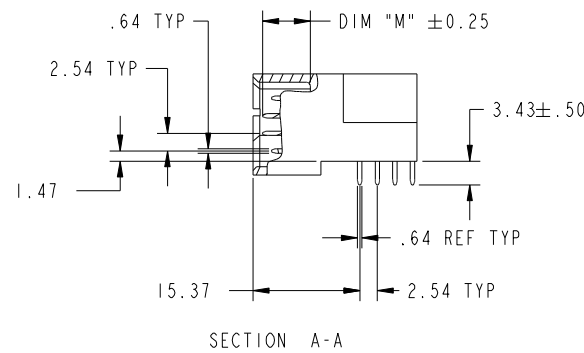
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PRODUCT NUMBER  
SEE SHEET 3

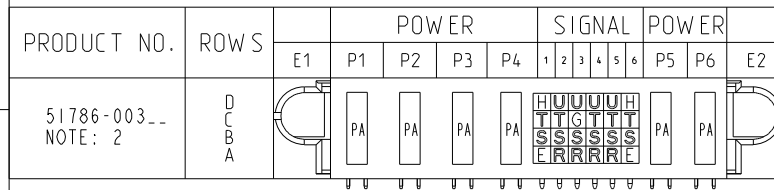
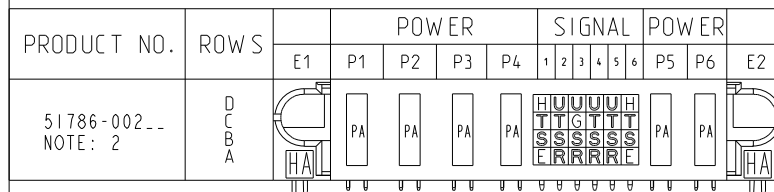
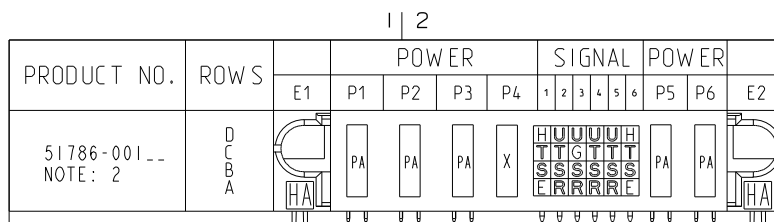


|             |         |                |      |          |            |                                       |            |          |                                                                                             |                                                                                                             |       |        |
|-------------|---------|----------------|------|----------|------------|---------------------------------------|------------|----------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------|--------|
| mat'l code  |         |                |      | SEE NOTE |            | tolerances unless otherwise specified |            | CUSTOMER |                                                                                             | <br>www.fciconnect.com |       |        |
| ltr         | ecr no. | dr             | date | linear   | 0.X ±0.5   |                                       | COPY       |          |        | title<br>3ACP + 1P + 24S + 2P<br>RIGHT ANGLE SOLDER HEADER                                                  |       |        |
| H           |         |                |      |          | 0.XX ±0.25 |                                       | projection |          |                                                                                             |                                                                                                             |       |        |
|             |         |                |      |          | 0.XXX ±0.1 |                                       |            |          |                                                                                             |                                                                                                             |       |        |
|             |         |                |      | angles   | 0° ±2°     |                                       |            |          | <br>MM | product family PwrBlade                                                                                     |       | code   |
|             |         |                |      | dr       | E. KORFF   | 06/20/00                              | size       |          |                                                                                             | dwg no                                                                                                      | 213   |        |
|             |         |                |      | enrg     | J. BROWN   | 06/20/00                              | scale      |          |                                                                                             |                                                                                                             | sheet |        |
|             |         |                |      | chr      | J. BROWN   | 06/20/00                              | 1:1        |          |                                                                                             | A                                                                                                           | 51786 | 2 of 3 |
|             |         |                |      | appd     | J. BROWN   | 06/20/00                              |            |          |                                                                                             |                                                                                                             |       |        |
| sheet index |         | revision sheet |      |          |            |                                       |            |          |                                                                                             |                                                                                                             |       |        |

Pro/E



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| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| T    | [6.86]                      | SIGNAL          |
| S    | [6.86]                      | SIGNAL          |
| U    | [6.86]                      | SIGNAL          |
| R    | [6.86]                      | SIGNAL          |
| PA   | [N/A]                       | POWER           |
| HA   | [N/A]                       | HOLD-DOWN       |
| H    | [5.59]                      | SIGNAL          |
| E    | [5.59]                      | SIGNAL          |
| G    | [5.59]                      | SIGNAL          |
| X    | OMITTED                     | OMITTED         |

[illegible]

## CONNECTOR NOTES:

1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED  
HIGH-TEMP THERMOPLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL PIN MATERIAL: COPPER ALLOY
2. PLATING  
 SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC.  
OF 51786-XXX; 51786-XXXLF
3. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON  
THIS SURFACE.
4. PRODUCT SPECIFICATION GS-12-149.  
APPLICATION SPECIFICATION BUS-20-067.
- PCB NOTES:
5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.10
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
8.  $\varnothing 2.49 \pm 0.05 / -0.02$  THROUGH HOLES ARE UNPLATED (-001 AND -002)  
 $\varnothing 4.01 \pm 0.07$  THROUGH HOLES ARE UNPLATED (-003 ONLY)
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  
 $\varnothing 1.02 \pm .07$  HOLE.
10. A  SYMBOL WILL BE NEXT TO ANY DIMENSION,  
VIEW, OR NOTE WHICH HAS BEEN MODIFIED  
WITH THE CURRENT DRAWING REVISION.

## PCB NOTES:

5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.10
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
8.  $\varnothing 2.49 \pm 0.05 / -0.02$  THROUGH HOLES ARE UNPLATED (-001 AND -002)  
 $\varnothing 4.01 \pm 0.07$  THROUGH HOLES ARE UNPLATED (-003 ONLY)
9.  $\varnothing 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH  
0.008 MIN SnPb OR Sn OVER 0.03  
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WITH THE CURRENT DRAWING REVISION.