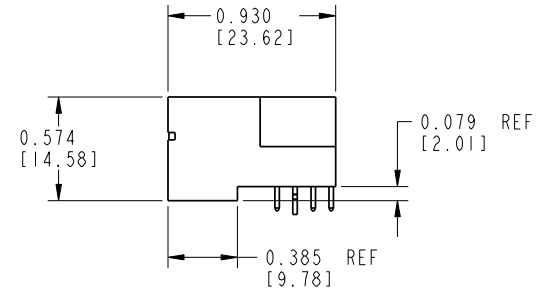
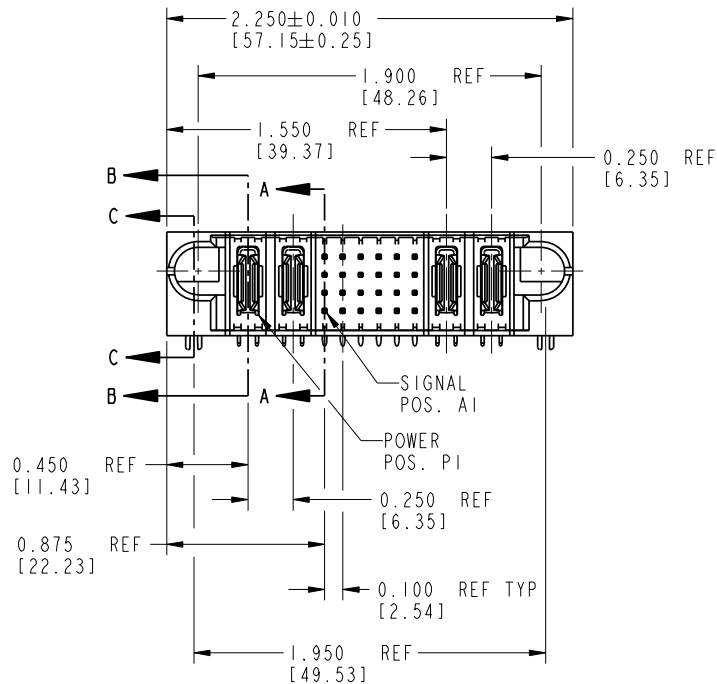


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| PRODUCT NO.              | ROWS             | POWER |    |    | SIGNAL |   |   |   |   |   | POWER |    |  |
|--------------------------|------------------|-------|----|----|--------|---|---|---|---|---|-------|----|--|
|                          |                  | E1    | P1 | P2 | 1      | 2 | 3 | 4 | 5 | 6 | P3    | P4 |  |
| 51951-001--<br>NOTE: (2) | D<br>C<br>B<br>A |       |    |    |        |   |   |   |   |   |       |    |  |



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

| mat'l code  |           |      |          | SEE NOTES |            | tolerances unless<br>otherwise specified |            | CUSTOMER                  |  |
|-------------|-----------|------|----------|-----------|------------|------------------------------------------|------------|---------------------------|--|
| lir         | ecn no.   | dr   | date     | linear    | linear     | .XX±.01/0.X±0.3                          | projection | COPY                      |  |
| A           | VI2169    | JRW  | 9/18/01  |           |            | .XXX±.005/0.XX±0.13                      |            | title                     |  |
| B           | DG05-0192 | SJ   | 06/24/05 |           |            | .XXX±.0020/0.XXX±0.051                   |            | 2P + 24S + 2P             |  |
| C           | DG05-0472 | Ryan | 11/16/05 | angles    | angles     | 0°±2°                                    |            | RIGHT ANGLE SOLDER HEADER |  |
|             |           |      |          | dr        | J. WITMER  | 9/18/01                                  | INCH/MM    | product family            |  |
|             |           |      |          | enrg      | J. ALLISON | 9/18/01                                  | scale      | PwrBlade                  |  |
|             |           |      |          | chr       | J. ALLISON | 9/18/01                                  | 1:1        | code                      |  |
|             |           |      |          | appd      | J. ALLISON | 9/18/01                                  |            | 213                       |  |
| sheet index | revision  | C    | C        |           |            |                                          |            | sheet                     |  |
|             | sheet     | 1    | 2        |           |            |                                          |            | 1 of 3                    |  |

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www.fciconnect.com

size  
A  
51951-001

code code  
22526

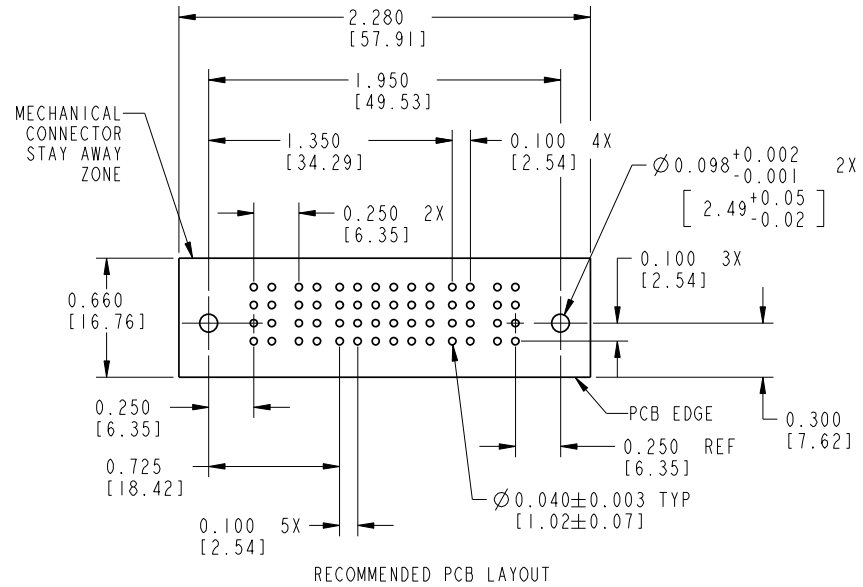
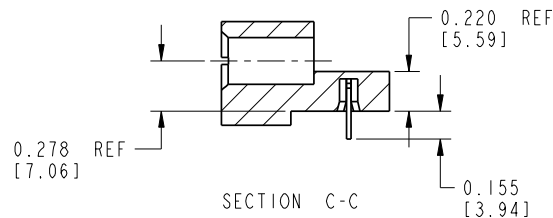
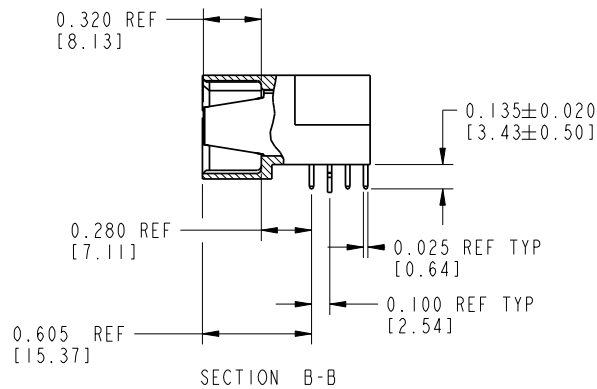
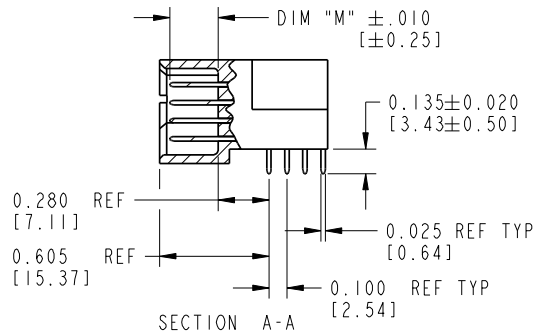
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PRODUCT NUMBER  
51951-001--  
NOTE: ②



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| mat'l code  |          |       |      | SEE NOTES |                 | tolerances unless otherwise specified |                       | CUSTOMER   |            | A FCI         |                           | www.fciconnect.com |        |
|-------------|----------|-------|------|-----------|-----------------|---------------------------------------|-----------------------|------------|------------|---------------|---------------------------|--------------------|--------|
| litr        | ecn no.  | dr    | date | linear    | linear          | linear                                | linear                | projection | projection | title         | title                     | product family     | code   |
| C           |          |       |      |           | .XX±.01/0.X±0.3 | .XXX±.005/0.XX±0.13                   | .XXX±.002/0.XXX±0.051 | 0°±2°      | 0°±2°      | 2P + 24S + 2P | RIGHT ANGLE SOLDER HEADER | PwrBlade           | 213    |
|             |          |       |      | dr        | J. WITMER       | 9/18/01                               |                       | INCH/MM    | INCH/MM    | size          | size                      | dwg no             | sheet  |
|             |          |       |      | enrg      | J. ALLISON      | 9/18/01                               |                       | scale      | scale      | A             | 51951-001                 |                    | 2 of 3 |
|             |          |       |      | chr       | J. ALLISON      | 9/18/01                               |                       |            |            |               |                           |                    |        |
|             |          |       |      | appd      | J. ALLISON      | 9/18/01                               |                       |            |            |               |                           |                    |        |
| sheet index | revision | sheet |      |           |                 |                                       |                       |            |            |               |                           |                    |        |

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cage code 22526

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PRODUCT NUMBER  
51951-001--  
NOTE: ②

CONNECTOR NOTES:

1. FOR ADDITIONAL INFORMATION, REFER TO DRAWING NUMBER 51951.

2. PLATING:

51951-001: SIGNAL PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA  
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA  
POWER PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA  
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51951-001LF: SIGNAL PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA  
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA  
POWER PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA  
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

PART NUMBER 51951-001LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

PCB NOTES:

3. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
4. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
5. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
6. Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED
7. Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±.003 [1.02±0.07] HOLE]

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| mat'l code  |          |       |      | SEE NOTES |                 | tolerances unless otherwise specified |                        | CUSTOMER |            | A<br>FCI                  |                    |
|-------------|----------|-------|------|-----------|-----------------|---------------------------------------|------------------------|----------|------------|---------------------------|--------------------|
| lfr         | ecn no.  | dr    | date | linear    | linear          | linear                                | linear                 | COPY     | projection | title                     | www.fciconnect.com |
| C           |          |       |      |           | .XX±.01/0.X±0.3 | .XXX±.005/0.XX±0.13                   | .XXX±.0005/0.XXX±0.013 |          |            | 2P + 24S + 2P             |                    |
|             |          |       |      | angles    | 0°±2°           |                                       |                        |          |            | RIGHT ANGLE SOLDER HEADER |                    |
|             |          |       |      | dr        | J. WITMER       | 9/18/01                               |                        | INCH/MM  |            | product family            | PwrBlade           |
|             |          |       |      | enrg      | J. ALLISON      | 9/18/01                               |                        | scale    |            | size                      | dwg no             |
|             |          |       |      | chr       | J. ALLISON      | 9/18/01                               |                        | 1:1      |            | A                         | 51951-001          |
|             |          |       |      | appd      | J. ALLISON      | 9/18/01                               |                        |          |            |                           | code               |
| sheet index | revision | sheet |      |           |                 |                                       |                        |          |            |                           | 213                |
|             |          |       |      |           |                 |                                       |                        |          |            |                           | sheet              |
|             |          |       |      |           |                 |                                       |                        |          |            |                           | 3 of 3             |

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cage code 22526