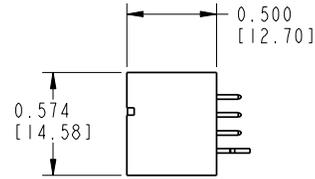
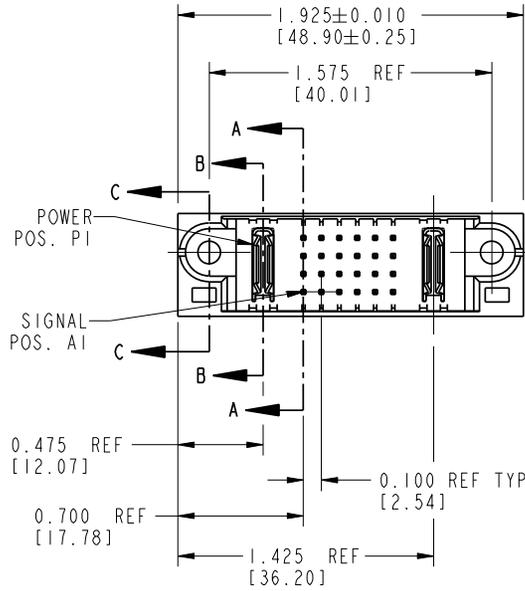
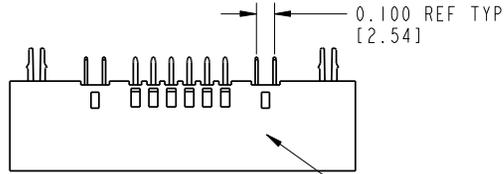


Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sans quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form without written authority from the proprietor. Property of FCI. Copyright FCI.

|                       |                  |       |    |        |   |   |   |   |   |       |    |
|-----------------------|------------------|-------|----|--------|---|---|---|---|---|-------|----|
| PRODUCT No.           | ROWS             | POWER |    | SIGNAL |   |   |   |   |   | POWER |    |
|                       |                  | E1    | P1 | 1      | 2 | 3 | 4 | 5 | 6 | P2    | E2 |
| 51952-013--<br>NOTE 2 | D<br>C<br>B<br>A |       |    |        |   |   |   |   |   |       |    |



| CODE | DIM "M"<br>±.010 [0.25] | CONTACT TYPE |
|------|-------------------------|--------------|
| E    | 0.270 [6.86]            | SIGNAL       |
| H    | 0.220 [5.59]            | SIGNAL       |
| PA   | N/A [N/A]               | POWER        |
| HA   | N/A [N/A]               | HOLD-DOWN    |

| mat'l code  |           |      |          | NOTE 1 |                       | tolerances unless otherwise specified |                                    | CUSTOMER |  |
|-------------|-----------|------|----------|--------|-----------------------|---------------------------------------|------------------------------------|----------|--|
| lir         | ecn no.   | dr   | date     | linear | .XX±.01/0.X±0.3       | projection                            | COPY                               |          |  |
| A           | V21906    | NEM  | 12/20/02 |        | .XXX±.005/0.XX±0.13   |                                       | title IP + 24S + 1P                |          |  |
| B           | DG05-0478 | Ryan | 11/17/05 | angles | .XXX±.002/0.XXX±0.051 |                                       | VERTICAL SOLDER HEADER             |          |  |
|             |           |      |          | dr     | 0°±2°                 |                                       | product family PwrBlade code 213   |          |  |
|             |           |      |          | engr   |                       |                                       | size dwg no 51952-013 sheet 1 of 3 |          |  |
|             |           |      |          | chr    |                       |                                       | scale 1:1                          |          |  |
|             |           |      |          | appd   |                       |                                       |                                    |          |  |
| sheet index | revision  | B    | B        |        |                       |                                       |                                    |          |  |
|             | sheet     | 1    | 2        |        |                       |                                       |                                    |          |  |

**FCI** www.fciconnect.com

product family PwrBlade code 213

size dwg no 51952-013 sheet 1 of 3

scale 1:1

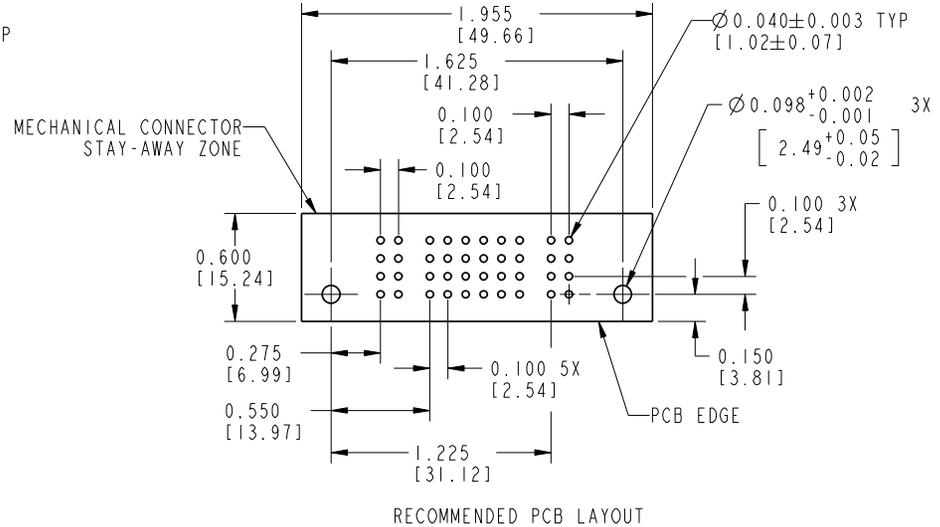
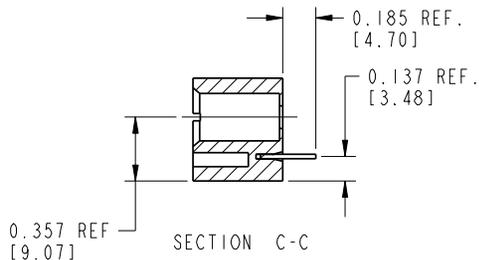
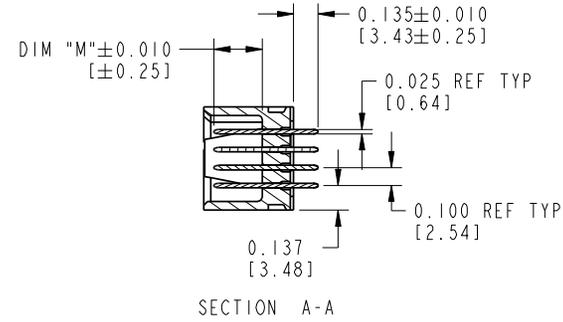
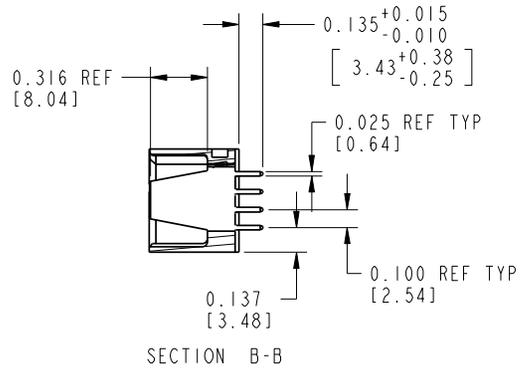
cage code 22526

Pro/E

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sans que l'auteur en ait été autorisé par écrit du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form without the written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER  
51952-013--  
NOTE 2



| mat'l code  |                | NOTE 1 |      | tolerances unless otherwise specified |                       | CUSTOMER   |                        |
|-------------|----------------|--------|------|---------------------------------------|-----------------------|------------|------------------------|
| lir         | ecn no.        | dr     | date | linear                                | .XX±.01/0.X±0.3       | COPY       | <br>www.fciconnect.com |
| B           |                |        |      | linear                                | .XXX±.005/0.XX±0.13   | projection |                        |
|             |                |        |      | angles                                | .XXX±.002/0.XXX±0.051 |            | title                  |
|             |                |        |      | dr                                    | 0°±2°                 | INCH/MM    | IP + 24S + 1P          |
|             |                |        |      | enrg                                  | M. MOSTOLLER 12/20/02 | scale      | VERTICAL SOLDER HEADER |
|             |                |        |      | chr                                   | H. BREWBAKER 12/20/02 | 1:1        | product family         |
|             |                |        |      | appd                                  | M. MOSTOLLER 12/20/02 |            | PwrBlade               |
| sheet index | revision sheet |        |      |                                       |                       |            | code                   |
|             |                |        |      |                                       |                       |            | 213                    |
|             |                |        |      |                                       |                       |            | sheet                  |
|             |                |        |      |                                       |                       |            | 2 of 3                 |

cage code 22526

Pro/E

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

**FCI**

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

1 | 2

3 |

4

**PRODUCT NUMBER**

51952-013--  
NOTE 2

**CONNECTOR NOTES:**

1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL CONTACT MATERIAL: COPPER ALLOY

2. PLATING:

51952-013: 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

51952-013LF: 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 51952-013LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DECCRIBED 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.

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

4. PRODUCT SPECIFICATION GS-12-149

5. ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, UNLESS OTHERWISE SPECIFIED.

**PCB NOTES:**

6. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

7. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]

8. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE

9. Ø0.098[2.41] THROUGH HOLES ARE UNPLATED.

10. Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±0.07] HOLE.

**CONFIDENTIAL**

|             |                |        |      |                                       |                       |           |  |                |  |                    |  |
|-------------|----------------|--------|------|---------------------------------------|-----------------------|-----------|--|----------------|--|--------------------|--|
| mat'l code  |                | NOTE 1 |      | tolerances unless otherwise specified |                       | CUSTOMER  |  | <b>FCI</b>     |  | www.fciconnect.com |  |
| lfr         | ecn no.        | dr     | date | linear                                | .XX±.01/0.X±0.3       | COPY      |  | projection     |  | title              |  |
| B           |                |        |      |                                       | .XXX±.005/0.XX±0.13   | INCH/MM   |  |                |  | IP + 24S + 1P      |  |
|             |                |        |      | angles                                | .XXX±.002/0.XXX±0.051 | scale     |  | product family |  | code               |  |
|             |                |        |      | dr                                    | 0° ± 2°               | 1:1       |  | PwrBlade       |  | 213                |  |
|             |                |        |      | engr                                  | M. MOSTOLLER 12/20/02 | A         |  | size           |  | sheet              |  |
|             |                |        |      | chr                                   | H. BREWBAKER 12/20/02 | 51952-013 |  | dwg no         |  | 3 of 3             |  |
|             |                |        |      | appd                                  | M. MOSTOLLER 12/20/02 |           |  |                |  |                    |  |
| sheet index | revision sheet |        |      |                                       |                       |           |  |                |  |                    |  |

A

A

B

B

1 | 2

Pro/E

3 |

code code 22526

4

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[51952-013LF](#)