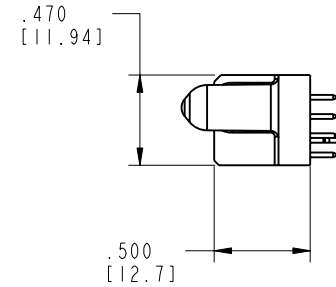
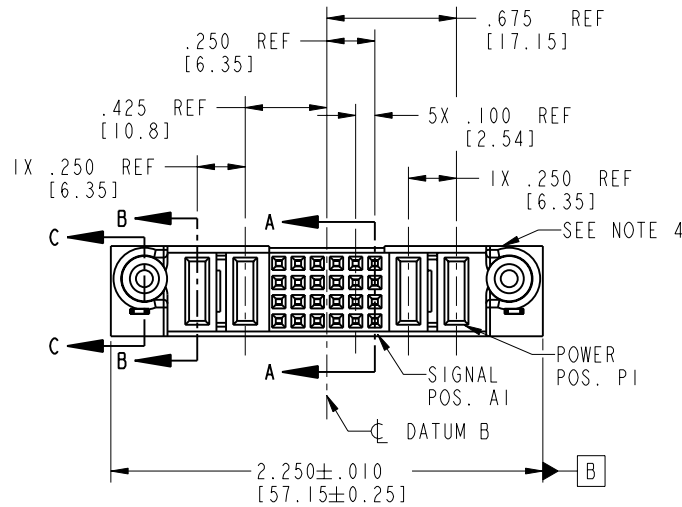


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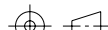
FCI

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| PRODUCT NO.            | ROW S            | POWER                                                                             |                                                                                   |                                                                                   | SIGNAL                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   |
|------------------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                        |                  | E2                                                                                | P4                                                                                | P3                                                                                | 6                                                                                 | 5                                                                                 | 4                                                                                 | 3                                                                                 | 2                                                                                 | 1                                                                                 | P2                                                                                | P1                                                                                | E1                                                                                |
| 51750-047--<br>NOTE: 3 | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |



| CODE | DIM "M"<br>MATING<br>LENGTH |        | CONTACT<br>TYPE |
|------|-----------------------------|--------|-----------------|
| E    | N/A                         | [N/A]  | SIGNAL          |
| PA   | .042                        | [1.07] | POWER           |
| PD   | .092                        | [2.34] | POWER           |
| HA   | N/A                         | [N/A]  | HOLD-DOWN       |

| mat'l code     |           |       |          | SEE NOTE 2 |                                     | tolerances unless<br>otherwise specified |                                                                                                     | CUSTOMER |                                                  | A<br>FCI<br>www.fciconnect.com |      |                       |     |
|----------------|-----------|-------|----------|------------|-------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------|----------|--------------------------------------------------|--------------------------------|------|-----------------------|-----|
| lfr            | ecn no.   | dr    | date     | linear     | $.XX \pm .01 / 0.X \pm 0.3$         |                                          | projection<br> | COPY     | title<br>2P + 24S + 2P<br>VERTICAL SOLDER RECEPT |                                |      |                       |     |
| A              | V03-0483  | TAB   | 04/30/03 |            | $.XXX \pm .005 / 0.XX \pm 0.13$     |                                          |                                                                                                     |          |                                                  |                                |      |                       |     |
| B              | DG05-0504 | GuoJM | 11/29/05 |            | $.XXXX \pm .0020 / 0.XXX \pm 0.051$ |                                          |                                                                                                     |          |                                                  |                                |      |                       |     |
|                |           |       |          | angles     | $0^\circ \pm 2^\circ$               |                                          | INCH/MM<br>    |          | product family<br>PwrBlade                       | code                           |      |                       |     |
|                |           |       |          | dr         | T. BRUNGARD 04/30/03                |                                          |                                                                                                     |          |                                                  | scale<br>1:1                   | size | dwg no<br>A 51750-047 | 213 |
|                |           |       |          | enrg       | M. MOSTOLLER 04/30/03               |                                          |                                                                                                     |          |                                                  |                                |      |                       |     |
|                |           |       |          | chr        | M. MOSTOLLER 04/30/03               |                                          |                                                                                                     |          |                                                  |                                |      |                       |     |
|                |           |       |          | appd       | M. MOSTOLLER 04/30/03               |                                          |                                                                                                     |          |                                                  |                                |      |                       |     |
| sheet<br>index | revision  |       | B        | B          | B                                   | B                                        |                                                                                                     |          |                                                  |                                |      |                       |     |
|                | sheet     |       | 1        | 2          | 3                                   | 4                                        |                                                                                                     |          |                                                  |                                |      |                       |     |

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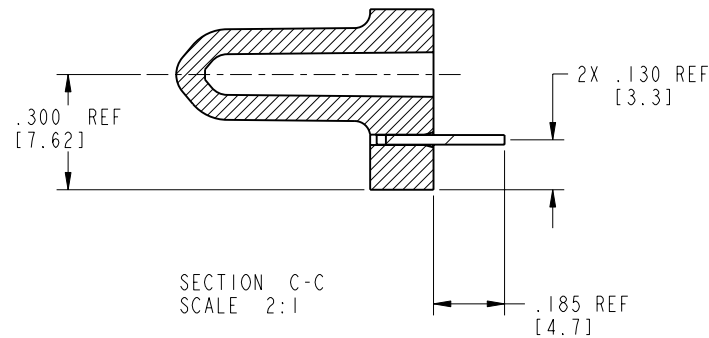
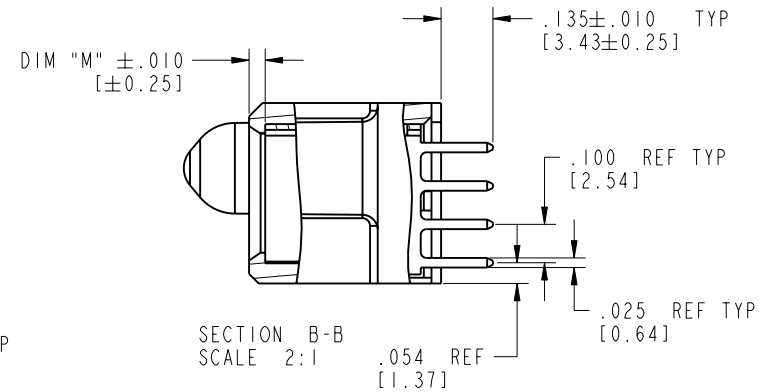
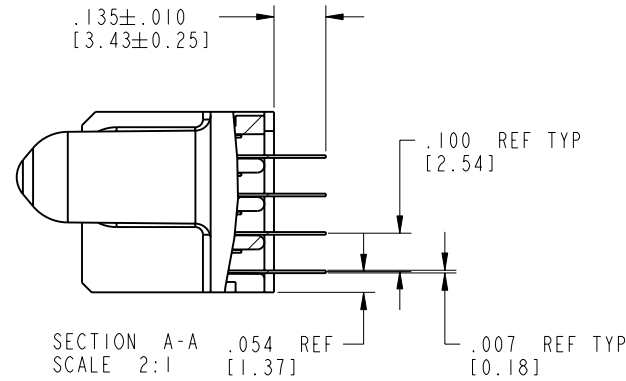
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**FCI**

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PRODUCT NUMBER  
51750-047--  
NOTE: 3



| mat'l code  |                |    |      | tolerances unless otherwise specified |                       | CUSTOMER |            | <b>A</b><br><b>FCI</b><br>www.fciconnect.com |                        |
|-------------|----------------|----|------|---------------------------------------|-----------------------|----------|------------|----------------------------------------------|------------------------|
| lfr         | ecn no.        | dr | date | linear                                | angles                | COPY     | projection |                                              |                        |
| B           |                |    |      | $.XX \pm .01 / 0.X \pm 0.3$           | $0^\circ \pm 2^\circ$ |          |            | title                                        | 2P + 24S + 2P          |
|             |                |    |      | $.XXX \pm .005 / 0.XX \pm 0.13$       |                       |          |            |                                              | VERTICAL SOLDER RECEPT |
|             |                |    |      | $.XXX \pm .0020 / 0.XXX \pm 0.051$    |                       |          |            | product family                               | PwrBlade               |
|             |                |    |      | dr T. BRUNGARD 04/30/03               |                       |          |            | size                                         | 213                    |
|             |                |    |      | enrg M. MOSTOLLER 04/30/03            |                       |          |            | dwg no                                       | 51750-047              |
|             |                |    |      | chr M. MOSTOLLER 04/30/03             |                       |          |            | A                                            | 2 of 4                 |
|             |                |    |      | appd M. MOSTOLLER 04/30/03            |                       |          |            |                                              |                        |
| sheet index | revision sheet |    |      |                                       |                       |          |            |                                              |                        |

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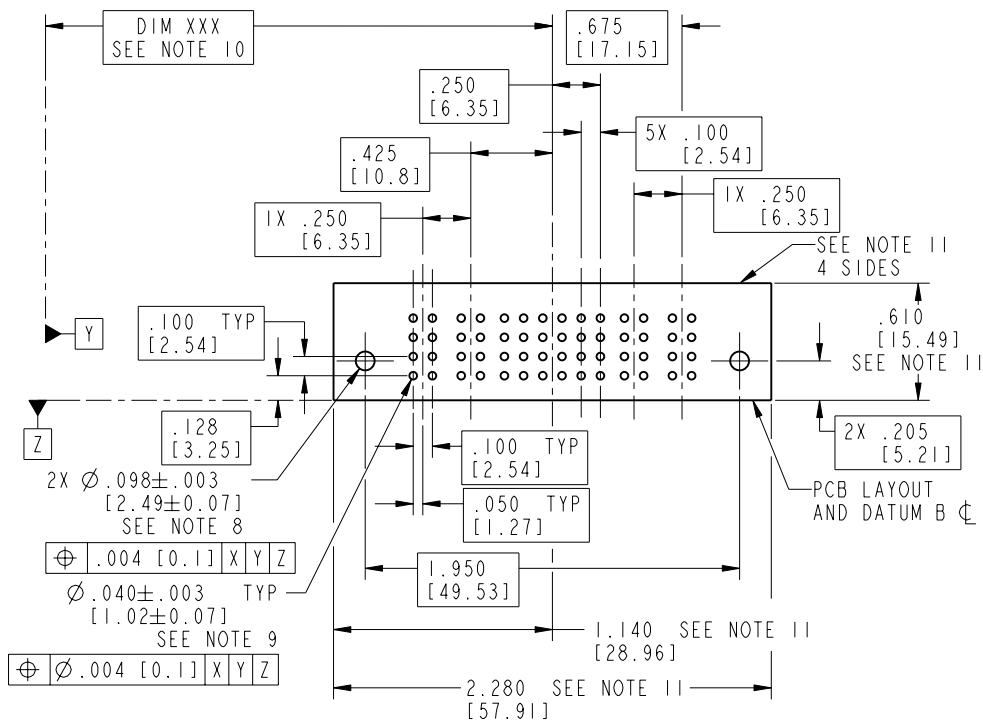
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STATUS: Released

Printed: Aug 14, 2007

## PRODUCT NUMBER

51750-047\_\_  
NOTE: 3

[illegible]

|           |       |
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| coge code | 22526 |
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FCI

PRODUCT NUMBER

51750-047\_\_

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:

51750-047 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.  
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51750-047LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.  
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51750-047LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY 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.

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 Ø.0453±.0010 [1.151±0.025] DRILLED HOLES PLATED WITH  
.0003 [0.008] MIN SnPb OVER .001 [0.03]  
TO .003 [0.08] Cu PLATING TO ACHIEVE  
Ø.040±.003 [1.02±.07] HOLE.

10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11 CONNECTOR KEEP-OUT ZONE.

|             |         |                |      |            |                        |                                          |                                                                                       |          |                                                                                                                                     |                                                                                                                                                  |  |
|-------------|---------|----------------|------|------------|------------------------|------------------------------------------|---------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--|
| mat'l code  |         |                |      | SEE NOTE 2 |                        | tolerances unless<br>otherwise specified |                                                                                       | CUSTOMER |                                                                                                                                     |  <a href="http://www.fciconnect.com">www.fciconnect.com</a> |  |
| lfr         | ecn no. | dr             | date | linear     | .XX±.01/0.X±0.3        |                                          | COPY                                                                                  |          |  title 2P + 24S + 2P<br>VERTICAL SOLDER RECEPT |                                                                                                                                                  |  |
| B           |         |                |      |            | .XXX±.005/0.XX±0.13    |                                          | projection                                                                            |          |                                                                                                                                     |                                                                                                                                                  |  |
|             |         |                |      |            | .XXX±.0020/0.XXX±0.051 |                                          | projection                                                                            |          |                                                                                                                                     |                                                                                                                                                  |  |
|             |         |                |      | angles     | 0°±2°                  |                                          |  |          | product family PwrBlade code 213<br>size dwg no 51750-047 sheet 4 of 4                                                              |                                                                                                                                                  |  |
|             |         |                |      | dr         | T. BRUNGARD            | 04/30/03                                 | INCH/MM                                                                               |          |                                                                                                                                     |                                                                                                                                                  |  |
|             |         |                |      | enrg       | M. MOSTOLLER           | 04/30/03                                 | scale 1:1                                                                             |          |                                                                                                                                     |                                                                                                                                                  |  |
|             |         |                |      | chr        | M. MOSTOLLER           | 04/30/03                                 |                                                                                       |          | A                                                                                                                                   |                                                                                                                                                  |  |
|             |         |                |      | appd       | M. MOSTOLLER           | 04/30/03                                 |                                                                                       |          |                                                                                                                                     |                                                                                                                                                  |  |
| sheet index |         | revision sheet |      |            |                        |                                          |                                                                                       |          |                                                                                                                                     |                                                                                                                                                  |  |

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