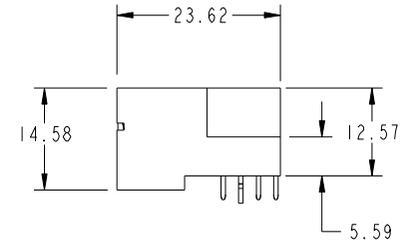
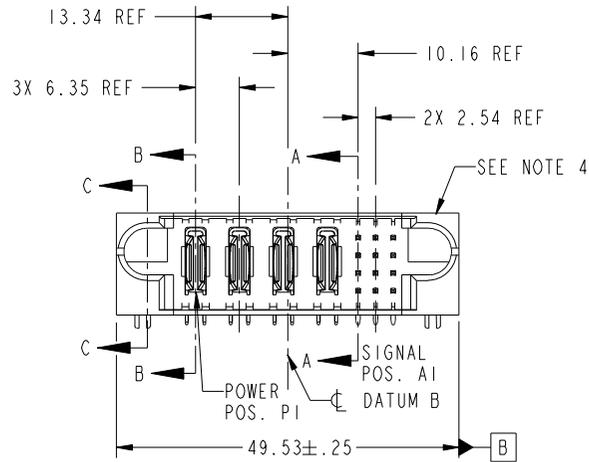
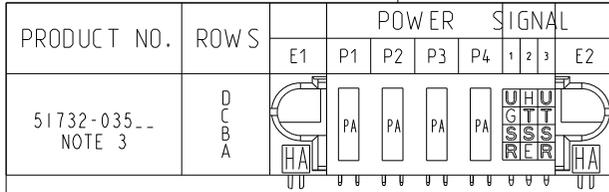


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| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| U    | [6.86]                | SIGNAL       |
| S    | [6.86]                | SIGNAL       |
| R    | [6.86]                | SIGNAL       |
| T    |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

|             |                |       |          |          |                      |                                       |  |                                       |  |
|-------------|----------------|-------|----------|----------|----------------------|---------------------------------------|--|---------------------------------------|--|
| mat'l code  |                |       |          | SEE NOTE |                      | tolerances unless otherwise specified |  | CUSTOMER                              |  |
| ltr         | ecn no.        | dr    | date     | linear   | 0.X ± 0.3            | projection                            |  | COPY                                  |  |
| A           | DG06-0330      | JULIA | 08/10/06 |          | 0.XX ± 0.10          | MIM                                   |  | title                                 |  |
| B           | DG09-0077      | JW    | 03/16/09 | angles   | 0.XXX ± 0.050        | 1:1                                   |  | 4P + 12S<br>RIGHT ANGLE SOLDER HEADER |  |
|             |                |       |          | dr       | 0° ± 2°              |                                       |  | product family                        |  |
|             |                |       |          | enr      | JULIA WANG 08/10/06  |                                       |  | PwrBlade                              |  |
|             |                |       |          | chr      | SALLY LUO 08/10/06   |                                       |  | code                                  |  |
|             |                |       |          | appd     | BEER FU 08/10/06     |                                       |  | 213                                   |  |
|             |                |       |          |          | JOSEPH HSIA 08/10/06 |                                       |  | sheet                                 |  |
| sheet index | revision sheet | B 1   | B 2      | B 3      | B 4                  |                                       |  | 1 of 4                                |  |

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www.fciconnect.com

product family PwrBlade code 213

size dwg no 51732-035 sheet 1 of 4

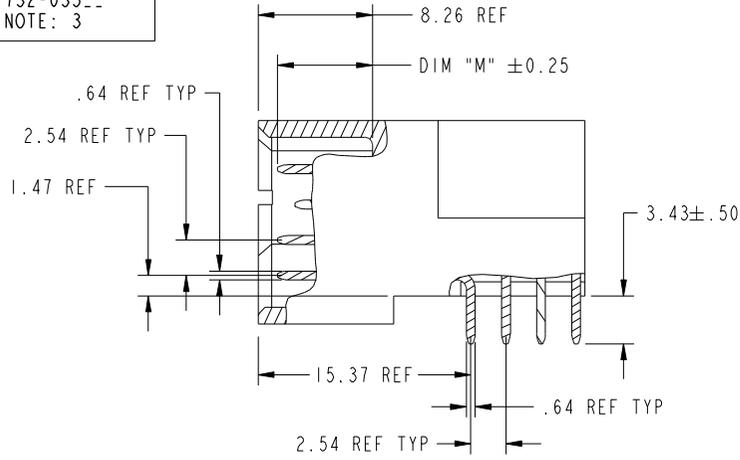
cage code 22526

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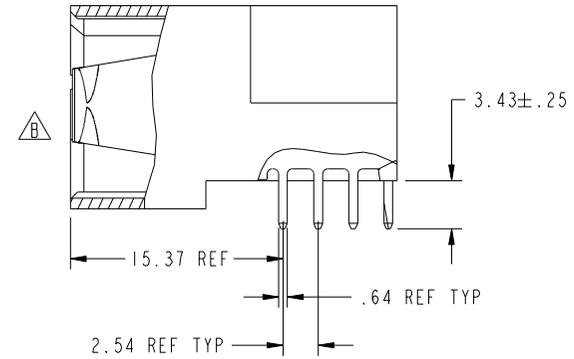
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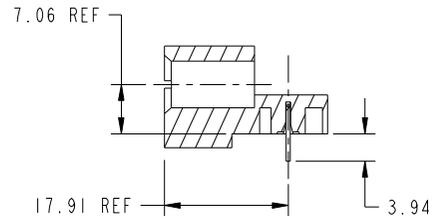
PRODUCT NUMBER  
51732-035--  
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



SECTION B-B  
SCALE 2:1



SECTION C-C

CONFIDENTIAL

|             |                |    |      |          |                      |                                       |  |                |  |                    |  |
|-------------|----------------|----|------|----------|----------------------|---------------------------------------|--|----------------|--|--------------------|--|
| mat'l code  |                |    |      | SEE NOTE |                      | tolerances unless otherwise specified |  | CUSTOMER       |  | FCI                |  |
| litr        | ecr no.        | dr | date | linear   | 0.X ±0.3             | projection                            |  | COPY           |  | www.fciconnect.com |  |
| B           |                |    |      | angles   | 0.XX ±0.10           | MIM                                   |  | title          |  | 4P + 12S           |  |
|             |                |    |      | dr       | 0.XXX ±0.050         | 1:1                                   |  | product family |  | PwrBlade           |  |
|             |                |    |      | enr      | 0° ±2°               | scale                                 |  | size           |  | code               |  |
|             |                |    |      | chr      | JULIA WANG 08/10/06  | A                                     |  | dwg no         |  | 213                |  |
|             |                |    |      | appd     | SALLY LUO 08/10/06   |                                       |  | 51732-035      |  | sheet              |  |
|             |                |    |      |          | BEER FU 08/10/06     |                                       |  |                |  | 2 of 4             |  |
|             |                |    |      |          | JOSEPH HSIA 08/10/06 |                                       |  |                |  |                    |  |
| sheet index | revision sheet |    |      |          |                      |                                       |  |                |  |                    |  |

cage code 22526

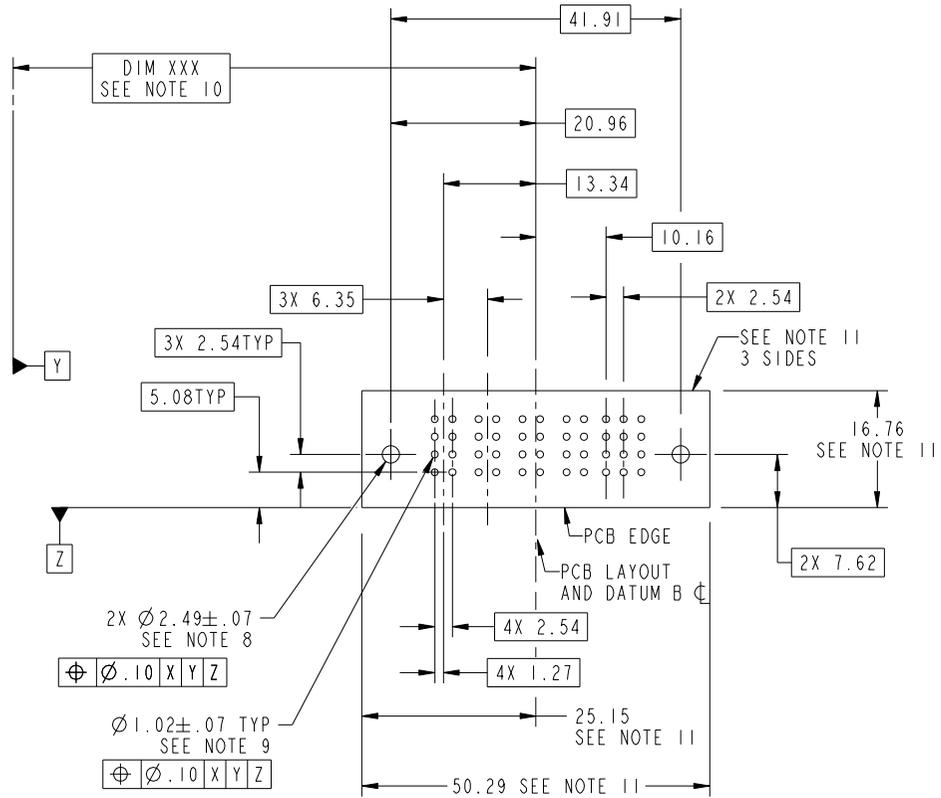
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PRODUCT NUMBER  
51732-035--  
NOTE: 3



RECOMMENDED PCB LAYOUT

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|             |         |                |      |          |                      |                                       |  |                |  |                                       |      |                    |  |
|-------------|---------|----------------|------|----------|----------------------|---------------------------------------|--|----------------|--|---------------------------------------|------|--------------------|--|
| mat'l code  |         |                |      | SEE NOTE |                      | tolerances unless otherwise specified |  | CUSTOMER       |  | FCI                                   |      | www.fciconnect.com |  |
| ltr         | ecn no. | dr             | date | linear   | 0.X ±0.3             | projection                            |  | COPY           |  | title                                 |      |                    |  |
| B           |         |                |      |          | 0.XX ±0.10           |                                       |  |                |  | 4P + 12S<br>RIGHT ANGLE SOLDER HEADER |      |                    |  |
|             |         |                |      | angles   | 0.XXX ±0.050         |                                       |  | product family |  | PwrBlade                              | code |                    |  |
|             |         |                |      | dr       | JULIA WANG 08/10/06  | scale                                 |  | size           |  | A                                     | 213  |                    |  |
|             |         |                |      | enr      | SALLY LUO 08/10/06   | 1:1                                   |  | dwg no         |  | 51732-035                             |      | sheet              |  |
|             |         |                |      | chr      | BEER FU 08/10/06     |                                       |  | 3 of 4         |  |                                       |      |                    |  |
|             |         |                |      | appd     | JOSEPH HSIA 08/10/06 |                                       |  |                |  |                                       |      |                    |  |
| sheet index |         | revision sheet |      |          |                      |                                       |  |                |  |                                       |      |                    |  |

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PRODUCT NUMBER  
51732-035--  
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:  
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51732-035;51732-035LF RESPECTIVELY.

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 OVER 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. A  $\triangle$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

|             |                |    |      |          |                                       |            |                           |           |              |        |
|-------------|----------------|----|------|----------|---------------------------------------|------------|---------------------------|-----------|--------------|--------|
| mat'l code  |                |    |      | SEE NOTE | tolerances unless otherwise specified | CUSTOMER   | FCI                       |           | CONFIDENTIAL |        |
| ltr         | ecr no.        | dr | date | linear   | 0.X ± 0.3                             | COPY       | www.fciconnect.com        |           |              |        |
| B           |                |    |      | linear   | 0.XX ± 0.10                           | projection | title                     |           | 4P + 12S     |        |
|             |                |    |      | angles   | 0.XXX ± 0.050                         |            | RIGHT ANGLE SOLDER HEADER |           |              |        |
|             |                |    |      | dr       | 0° ± 2°                               | MIM        | product family            | PwrBlade  | code         | 213    |
|             |                |    |      | enr      | JULIA WANG 08/10/06                   | scale      | size                      | dwg no    | sheet        | 4 of 4 |
|             |                |    |      | chr      | SALLY LUO 08/10/06                    | 1:1        | A                         | 51732-035 |              |        |
|             |                |    |      | appd     | BEER FU 08/10/06                      |            |                           |           |              |        |
|             |                |    |      |          | JOSEPH HSIA 08/10/06                  |            |                           |           |              |        |
| sheet index | revision sheet |    |      |          |                                       |            |                           |           |              |        |

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