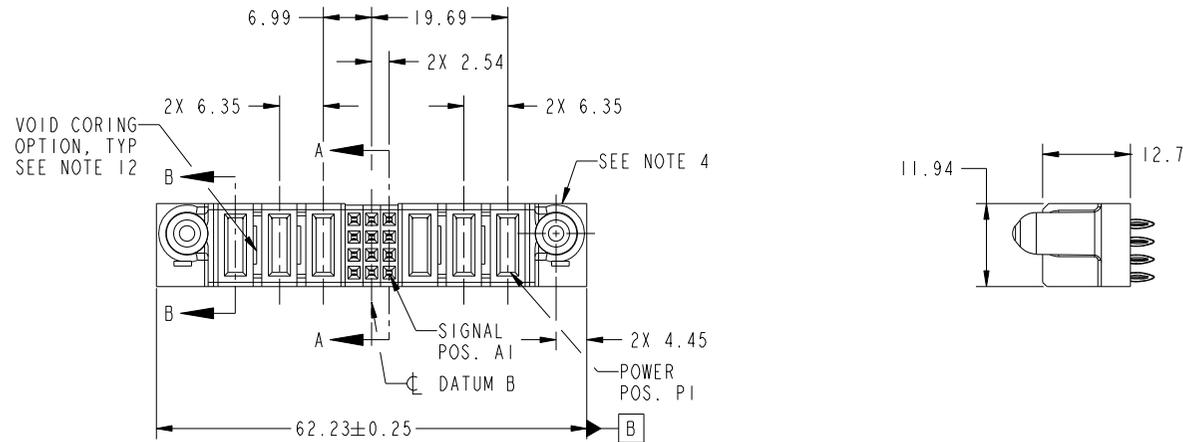


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| PRODUCT NO.            | ROWS             | POWER |    |    | SIGNAL |   |   | POWER |    |    |    |    |
|------------------------|------------------|-------|----|----|--------|---|---|-------|----|----|----|----|
|                        |                  | E2    | P6 | P5 | P4     | 3 | 2 | 1     | P3 | P2 | P1 | E1 |
| 51750-108--<br>NOTE: 3 | D<br>C<br>B<br>A |       | PF | PF | PC     |   |   |       | PC | PF | PF |    |



| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| PF   | [2.34]                | POWER        |
| PC   | [1.07]                | POWER        |
| F    | [N/A]                 | SIGNAL       |

|             |                |    |          |           |                     |                                       |                |          |                                  |      |  |
|-------------|----------------|----|----------|-----------|---------------------|---------------------------------------|----------------|----------|----------------------------------|------|--|
| mat'l code  |                |    |          | SEE NOTES |                     | tolerances unless otherwise specified |                | CUSTOMER |                                  | FCI  |  |
| ltr         | ecn no.        | dr | date     | linear    | 0.X ± 0.5           | projection                            | COPY           |          | www.fciconnect.com               |      |  |
| A           | DG10-0395      | WL | 11/13/10 | angles    | 0.XX ± 0.25         |                                       | title          |          | 3P + 12S + 3P VERTICAL PF RECEPT |      |  |
|             |                |    |          | dr        | 0.XXX ± 0.1         |                                       | product family |          | PwrBlade                         | code |  |
|             |                |    |          | enrg      | 0° ± 2°             | scale                                 | size           |          | A                                | 213  |  |
|             |                |    |          | chr       | WL ZHANG 8/16/10    | 1:1                                   | dwg no         |          | 51750-108                        |      |  |
|             |                |    |          | appd      | WL ZHANG 8/16/10    |                                       | sheet          |          | 1 of 4                           |      |  |
|             |                |    |          |           | PM ZHENG 8/16/10    |                                       | cage code      |          | 22526                            |      |  |
|             |                |    |          |           | JOSEPH HSIA 8/16/10 |                                       |                |          |                                  |      |  |
| sheet index | revision sheet | A  | A        | A         | A                   |                                       |                |          |                                  |      |  |
|             |                | 1  | 2        | 3         | 4                   |                                       |                |          |                                  |      |  |

Pro/E

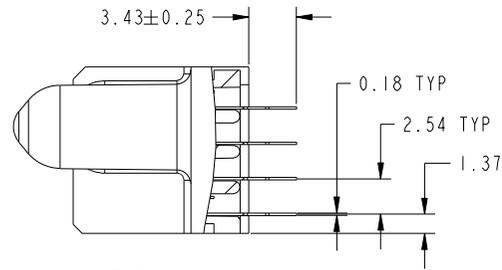
cage code 22526

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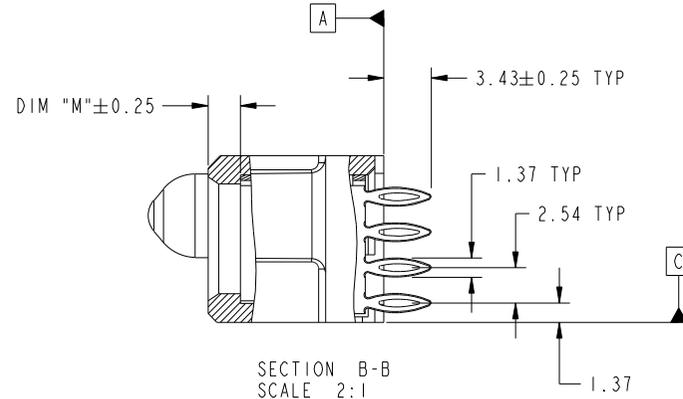
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PRODUCT NUMBER  
51750-108--  
NOTE: 3



SECTION A-A  
SCALE 2:1



SECTION B-B  
SCALE 2:1

|             |                |      |         |                                       |                     |                                  |  |                        |                                     |       |
|-------------|----------------|------|---------|---------------------------------------|---------------------|----------------------------------|--|------------------------|-------------------------------------|-------|
| mat'l code  |                |      |         | tolerances unless otherwise specified |                     | CUSTOMER                         |  | <br>www.fciconnect.com |                                     |       |
| ltr         | ecn no.        | dr   | date    | linear                                | 0.X ±0.5            | COPY                             |  | <br>title              | 3P + 12S + 3P<br>VERTICAL PF RECEPT |       |
| A           |                |      |         |                                       | 0.XX ±0.25          | <br>product family PwrBlade code |  |                        |                                     | 213   |
|             |                |      |         |                                       | 0.XXX ±0.1          | size                             |  |                        |                                     | sheet |
|             |                |      |         | angles                                | 0° ±2°              | scale                            |  | 2 of 4                 |                                     |       |
|             |                | dr   | 8/16/10 | enr                                   | WL ZHANG 8/16/10    | A                                |  |                        |                                     |       |
|             |                | enr  | 8/16/10 | chr                                   | PM ZHENG 8/16/10    | 51750-108                        |  |                        |                                     |       |
|             |                | chr  | 8/16/10 | appd                                  | JOSEPH HSIA 8/16/10 | cage code                        |  |                        |                                     |       |
|             |                | appd | 8/16/10 |                                       |                     | 22526                            |  |                        |                                     |       |
| sheet index | revision sheet |      |         |                                       |                     |                                  |  |                        |                                     |       |

Pro/E

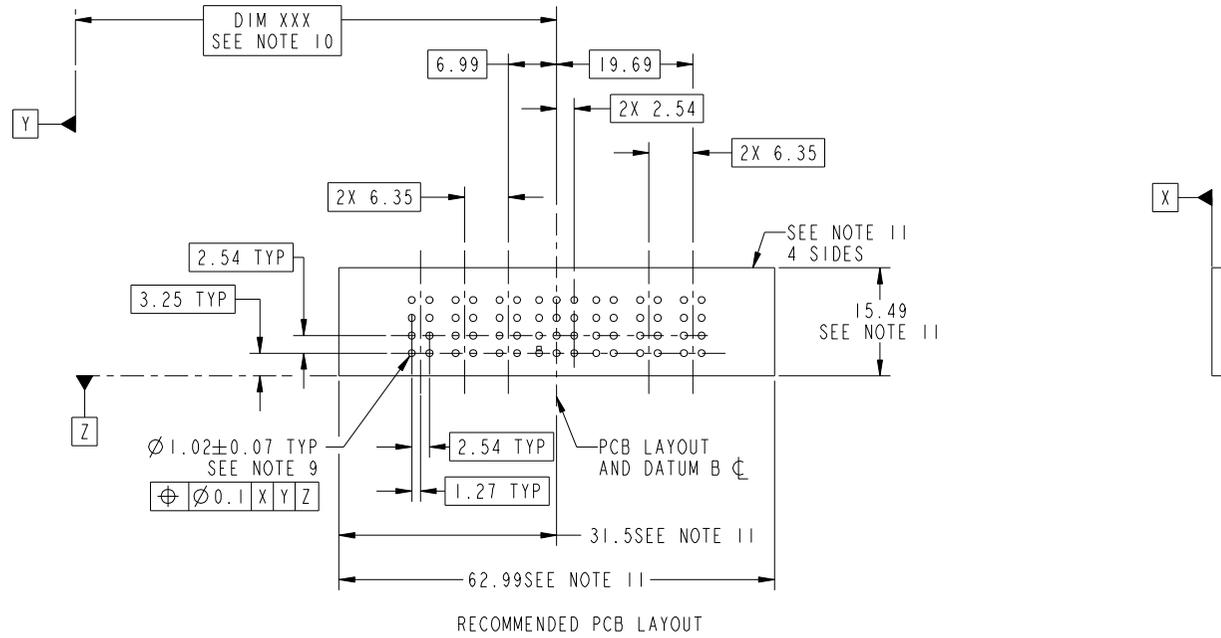
cage code 22526

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PRODUCT NUMBER  
51750-108--  
NOTE: 3



|             |         |                |      |                                       |                  |            |  |                                     |  |
|-------------|---------|----------------|------|---------------------------------------|------------------|------------|--|-------------------------------------|--|
| mat'l code  |         |                |      | tolerances unless otherwise specified |                  | CUSTOMER   |  | FCI                                 |  |
| ltr         | ecn no. | dr             | date | linear                                | 0.X ± 0.5        | COPY       |  | www.fciconnect.com                  |  |
| A           |         |                |      |                                       | 0.XX ± 0.25      | projection |  | title                               |  |
|             |         |                |      | angles                                | 0.XXX ± 0.1      |            |  | 3P + 12S + 3P<br>VERTICAL PF RECEPT |  |
|             |         |                |      | dr                                    | 0° ± 2°          | MIM        |  | product family PwrBlade code        |  |
|             |         |                |      | enr                                   | WL ZHANG 8/16/10 | scale      |  | size dwg no 213                     |  |
|             |         |                |      | chr                                   | WL ZHANG 8/16/10 | 1:1        |  | A 51750-108 sheet                   |  |
|             |         |                |      | appd                                  | PM ZHENG 8/16/10 |            |  | 3 of 4                              |  |
| sheet index |         | revision sheet |      |                                       |                  |            |  |                                     |  |

cage code 22526

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PRODUCT NUMBER  
51750-108\_-  
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 SPEC.  
SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC. OF 51750-108, 51750-108LF RESPECTIVELY.
  - 4 MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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 OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\varnothing 1.02 \pm 0.07$  HOLE.
  - 10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
  - 11 CONNECTOR KEEP-OUT ZONE.
12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

|             |                |    |      |                                       |             |          |       |     |            |                                     |        |
|-------------|----------------|----|------|---------------------------------------|-------------|----------|-------|-----|------------|-------------------------------------|--------|
| mat'l code  |                |    |      | tolerances unless otherwise specified |             | CUSTOMER |       | FCI |            | www.fciconnect.com                  |        |
| ltr         | ecn no.        | dr | date | linear                                | 0.X ± 0.5   |          | COPY  |     | projection | title                               |        |
| A           |                |    |      |                                       | 0.XX ± 0.25 |          | MIM   |     |            | 3P + 12S + 3P<br>VERTICAL PF RECEPT |        |
|             |                |    |      |                                       | 0.XXX ± 0.1 |          | ←     |     |            | product family PwrBlade code        |        |
|             |                |    |      | angles                                | 0° ± 2°     |          | scale |     | size       |                                     | 213    |
|             |                |    |      | dr                                    | WL ZHANG    | 8/16/10  | 1:1   |     | A          |                                     | sheet  |
|             |                |    |      | enrg                                  | WL ZHANG    | 8/16/10  |       |     | 51750-108  |                                     | 4 of 4 |
|             |                |    |      | chr                                   | PM ZHENG    | 8/16/10  |       |     |            |                                     |        |
|             |                |    |      | appd                                  | JOSEPH HSIA | 8/16/10  |       |     |            |                                     |        |
| sheet index | revision sheet |    |      |                                       |             |          |       |     |            |                                     |        |

cage code 22526

Pro/E