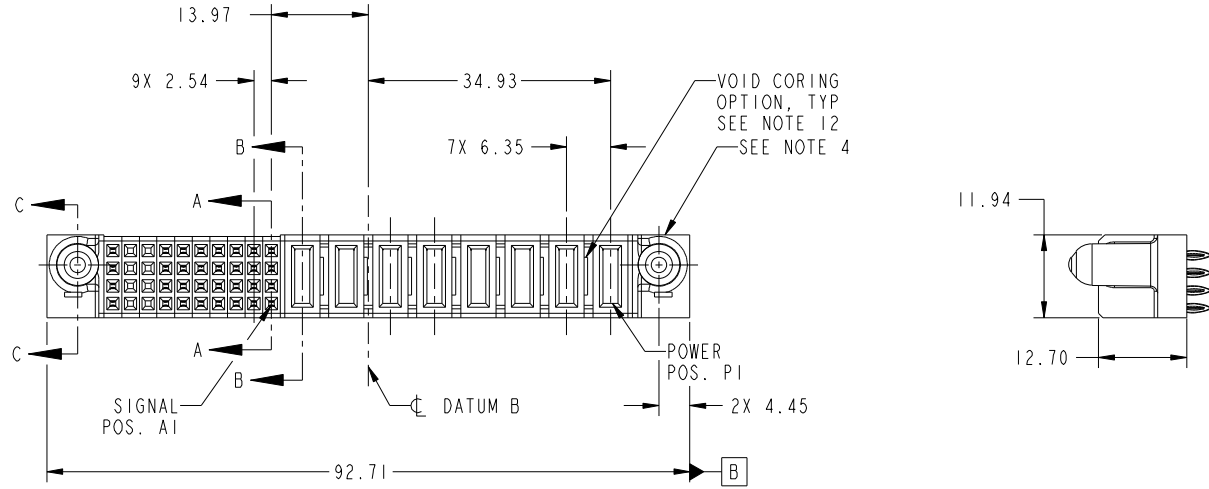


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.



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.

| PRODUCT NO.           | ROWS             | SIGNAL                                                                            |    |   |   |   |   |   |   |   |   | POWER |                                                                                   |    |                                                                                   |    |                                                                                     |    |                                                                                     | E1 |                                                                                     |    |                                                                                     |                                                                                     |    |                                                                                     |
|-----------------------|------------------|-----------------------------------------------------------------------------------|----|---|---|---|---|---|---|---|---|-------|-----------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------|
|                       |                  | E2                                                                                | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1     | P8                                                                                | P7 | P6                                                                                | P5 | P4                                                                                  | P3 | P2                                                                                  |    | P1                                                                                  |    |                                                                                     |                                                                                     |    |                                                                                     |
| 51752-029_<br>NOTE: 3 | D<br>C<br>B<br>A |  | F  | X | X | F | F | F | F | F | F | F     |  | PC |  | PC |  | PC |  | PC |  | PC |  |  | PC |  |
|                       |                  | F                                                                                 | X  | X | F | F | F | F | F | F | F | F     |                                                                                   |    |                                                                                   |    |                                                                                     |    |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                     |    |                                                                                     |
|                       |                  | F                                                                                 | X  | X | F | F | F | F | F | F | F | F     |                                                                                   |    |                                                                                   |    |                                                                                     |    |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                     |    |                                                                                     |
|                       |                  | F                                                                                 | X  | X | F | F | F | F | F | F | F | F     |                                                                                   |    |                                                                                   |    |                                                                                     |    |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                     |    |                                                                                     |



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

| mat'l code  |                |    |           | SEE NOTES |             | tolerances unless otherwise specified |  | CUSTOMER   |  | FCI                                      |  |
|-------------|----------------|----|-----------|-----------|-------------|---------------------------------------|--|------------|--|------------------------------------------|--|
| litr        | ecn no.        | dr | date      |           |             |                                       |  | COPY       |  | www.fciconnect.com                       |  |
| A           | DG09-0320      | JC | 21-Oct-09 | linear    |             | 0.X ±0.5                              |  | projection |  | title 8P + 40S VERTICAL PRESS-FIT RECEPT |  |
|             |                |    |           | angles    |             | 0.XXX ±0.1                            |  |            |  | product family PwrBlade code 213         |  |
|             |                |    |           | dr        | Jerome Chen | 05-Oct-09                             |  | scale      |  | size dwg no 51752-029 sheet 1 of 4       |  |
|             |                |    |           | enrg      | Jerome Chen | 05-Oct-09                             |  |            |  |                                          |  |
|             |                |    |           | chr       | PM Zheng    | 05-Oct-09                             |  |            |  |                                          |  |
|             |                |    |           | appd      | Joseph Hsia | 05-Oct-09                             |  |            |  |                                          |  |
| sheet index | revision sheet | A  | A         | A         | A           |                                       |  |            |  | cage code 22526                          |  |
|             |                | 1  | 2         | 3         | 4           |                                       |  |            |  |                                          |  |

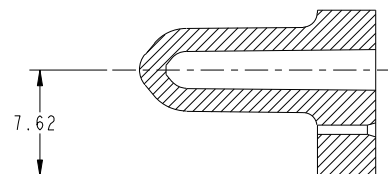
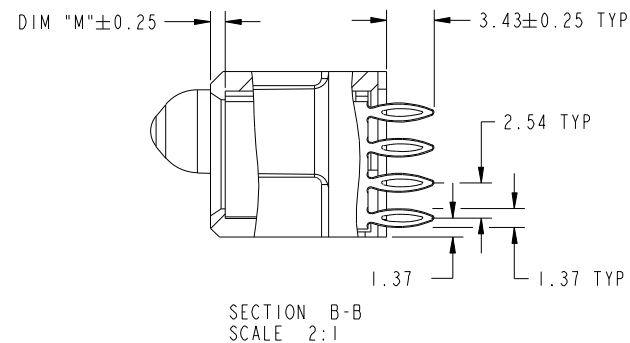
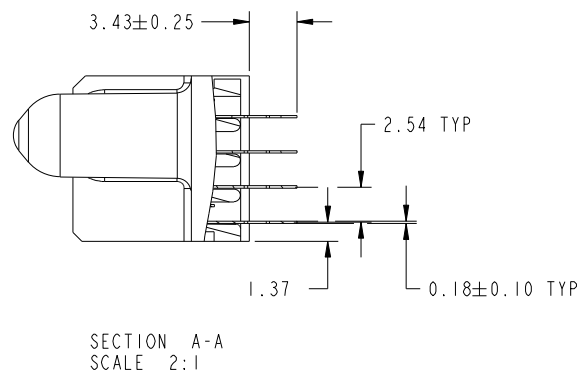
Pro/E

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.



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.

PRODUCT NUMBER  
51752-029--  
NOTE: 3



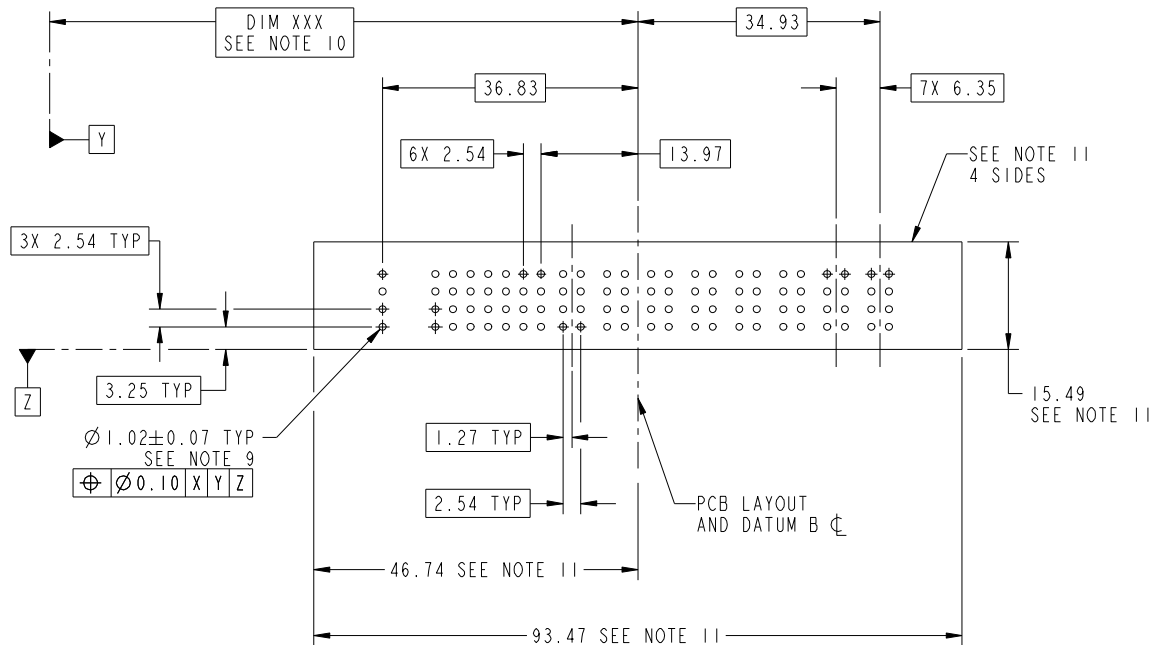
| mat'l code  |                |    |      | tolerances unless otherwise specified |                       | CUSTOMER   |  | FCI                       |  |
|-------------|----------------|----|------|---------------------------------------|-----------------------|------------|--|---------------------------|--|
| litr        | ecn no.        | dr | date | linear                                | 0.X ±0.5              | COPY       |  | www.fciconnect.com        |  |
| A           |                |    |      |                                       | 0.XX ±0.25            | projection |  | title 8P + 40S            |  |
|             |                |    |      | angles                                | 0.XXX ±0.1            |            |  | VERTICAL PRESS-FIT RECEPT |  |
|             |                |    |      |                                       | 0° ±2°                |            |  | product family PwrBlade   |  |
|             |                |    |      | dr                                    | Jerome Chen 05-Oct-09 |            |  | code 213                  |  |
|             |                |    |      | enrg                                  | Jerome Chen 05-Oct-09 |            |  | size dwg no               |  |
|             |                |    |      | chr                                   | PM Zheng 05-Oct-09    |            |  | 2 of 4                    |  |
|             |                |    |      | appd                                  | Joseph Hsia 05-Oct-09 |            |  | 51752-029                 |  |
| sheet index | revision sheet |    |      |                                       |                       | scale 1:1  |  | A                         |  |
|             |                |    |      |                                       |                       |            |  | cage code 22526           |  |

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.



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.

PRODUCT NUMBER  
51752-029--  
NOTE: 3



RECOMMENDED PCB LAYOUT

| mat'l code  |                |    |      | tolerances unless otherwise specified |                       | CUSTOMER   |  | FCI                       |              |
|-------------|----------------|----|------|---------------------------------------|-----------------------|------------|--|---------------------------|--------------|
| litr        | ecn no.        | dr | date | linear                                | 0.X ±0.5              | COPY       |  | www.fciconnect.com        |              |
| A           |                |    |      |                                       | 0.XX ±0.25            | projection |  | title 8P + 40S            |              |
|             |                |    |      | angles                                | 0.XXX ±0.1            |            |  | VERTICAL PRESS-FIT RECEPT |              |
|             |                |    |      | dr                                    | Jerome Chen 05-Oct-09 | MIM        |  | product family            | PwrBlade     |
|             |                |    |      | enrg                                  | Jerome Chen 05-Oct-09 |            |  | size                      | dwg no       |
|             |                |    |      | chr                                   | PM Zheng 05-Oct-09    | scale      |  | A                         | 51752-029    |
|             |                |    |      | appd                                  | Joseph Hsia 05-Oct-09 | 1:1        |  |                           | code         |
| sheet index | revision sheet |    |      |                                       |                       |            |  |                           | 213          |
|             |                |    |      |                                       |                       |            |  |                           | sheet 3 of 4 |

Pro/E

cage code 22526

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.



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.

| PRODUCT NUMBER         |
|------------------------|
| 51752-029--<br>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 51752-029 AND 51752-029LF 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

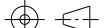
TO 0.08 Cu PLATING TO ACHIEVE

$\varnothing 1.02 \pm 0.07$  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<br>otherwise specified |             | CUSTOMER  |                                                                                       |  |                                                | www.fciconnect.com |           |      |       |
| litr        | ecn no. | dr             | date | linear                                   | 0.X ± 0.5   |           | COPY                                                                                  |                                                                                       | title<br>8P + 40S<br>VERTICAL PRESS-FIT RECEPT |                    |           |      |       |
| A           |         |                |      |                                          | 0.XX ± 0.25 |           | projection                                                                            |                                                                                       |                                                |                    |           |      |       |
|             |         |                |      |                                          | 0.XXX ± 0.1 |           |  |                                                                                       |                                                |                    |           |      |       |
|             |         |                |      | angles                                   | 0° ± 2°     |           |  |                                                                                       | product family                                 |                    | PwrBlade  | code |       |
|             |         |                |      | dr                                       | Jerome Chen | 05-Oct-09 | scale                                                                                 |                                                                                       | size                                           |                    | dwg no    | 213  |       |
|             |         |                |      | enrg                                     | Jerome Chen | 05-Oct-09 |                                                                                       |                                                                                       | A                                              |                    | 51752-029 |      | sheet |
|             |         |                |      | chr                                      | PM Zheng    | 05-Oct-09 |                                                                                       |                                                                                       | 1:1                                            |                    |           |      | 4 of  |
|             |         |                |      | appd                                     | Joseph Hsia | 05-Oct-09 |                                                                                       |                                                                                       |                                                |                    |           |      |       |
| sheet index |         | revision sheet |      |                                          |             |           |                                                                                       |                                                                                       |                                                |                    |           |      |       |