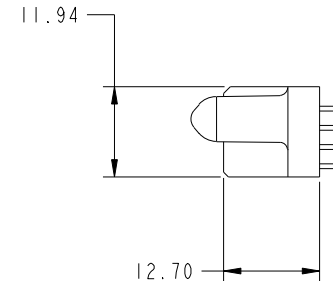
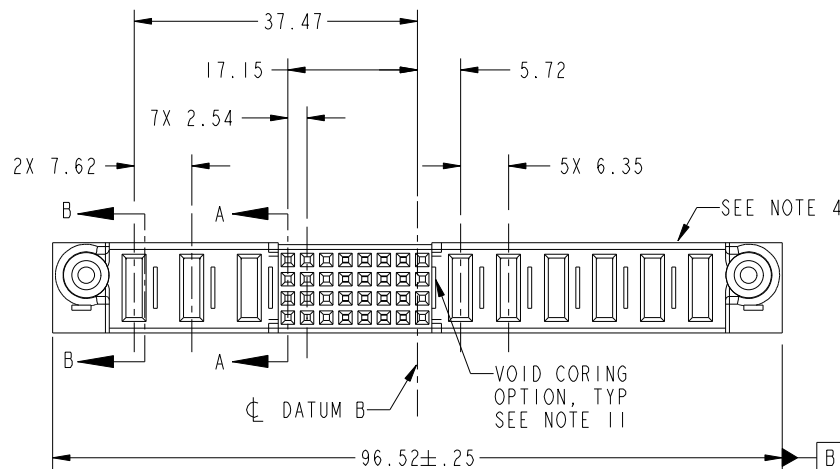




| PRODUCT NO.            | ROWS             | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   | SIGNAL                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | POWER                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | E1 |
|------------------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|
|                        |                  | E2                                                                                | P9                                                                                | P8                                                                                | P7                                                                                | 8                                                                                 | 7                                                                                 | 6                                                                                 | 5                                                                                 | 4                                                                                 | 3                                                                                 | 2                                                                                 | 1                                                                                 | P6                                                                                 | P5                                                                                  | P4                                                                                  | P3                                                                                  | P2                                                                                  | P1                                                                                  |    |
| 51936-002--<br>NOTE: 3 | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                        |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |
|                        |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |
|                        |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |



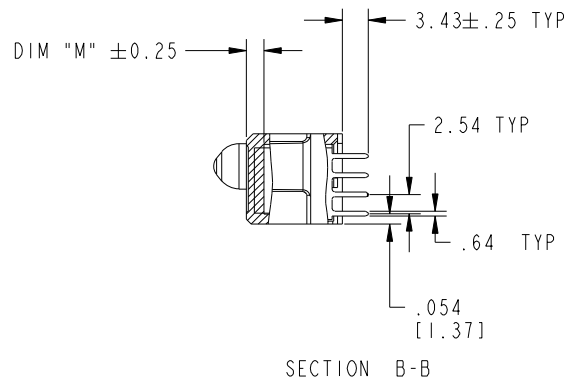
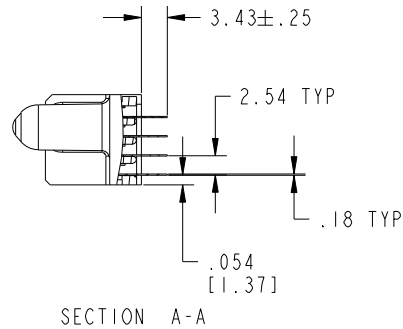
| CODE | DIM "M"<br>±0.25 | CONTACT<br>TYPE |
|------|------------------|-----------------|
| E    | [N/A]            | SIGNAL          |
| PA   | [1.07]           | POWER           |
| PD   | [2.34]           | POWER           |
| X    | OMITTED          | OMITTED         |

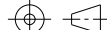
|             |           |                |          |          |                      |   |   |                                          |                                               |  |                                                                                                                 |          |        |                                              |            |  |  |
|-------------|-----------|----------------|----------|----------|----------------------|---|---|------------------------------------------|-----------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|----------|--------|----------------------------------------------|------------|--|--|
| mat'l code  |           |                |          | SEE NOTE |                      |   |   | tolerances unless<br>otherwise specified |                                               |  |                                                                                                                 | CUSTOMER |        | <div>FCI</div> <div>www.fciconnect.com</div> |            |  |  |
| ltr         | ecn no.   | dr             | date     | linear   | 0.X ±0.5             |   |   |                                          | COPY                                          |  | <div>projection</div> <div></div>                                                                               | title    |        |                                              |            |  |  |
| A           | V20023    | DAI            | 01/07/02 |          | 0.XX ±0.25           |   |   |                                          | 6P + 32S + 3P                                 |  |                                                                                                                 |          |        |                                              |            |  |  |
| B           | V20384    | JWS            | 02-25-02 |          | 0.XXX ±0.10          |   |   |                                          | VERTICAL PRESS FIT RECEPT                     |  |                                                                                                                 |          |        |                                              |            |  |  |
| C           | V21719    | CGD            | 10/30/02 | angles   | 0° ±2°               |   |   |                                          | <div>MM</div> <div>scale</div> <div>1:1</div> |  | <div>product family</div> <div>PwrBlade</div> <div>code</div> <div>213</div> <div>sheet</div> <div>1 of 4</div> |          |        |                                              |            |  |  |
| D           | DG05-0301 | CS             | 08/26/05 | dr       | D. INGRAM 01/07/02   |   |   |                                          |                                               |  |                                                                                                                 |          |        |                                              |            |  |  |
| E           | DG07-0498 | JW             | 09/12/08 | engr     | M.MOSTOLLER 01/07/02 |   |   |                                          |                                               |  |                                                                                                                 |          |        |                                              |            |  |  |
|             |           |                |          | chr      | M.MOSTOLLER 01/07/02 |   |   |                                          |                                               |  | size                                                                                                            |          | dwg no |                                              | A51936-002 |  |  |
|             |           |                |          | appd     | M.MOSTOLLER 01/07/02 |   |   |                                          |                                               |  |                                                                                                                 |          |        |                                              |            |  |  |
| sheet index |           | revision sheet |          | E        | E                    | E | E |                                          |                                               |  |                                                                                                                 |          |        |                                              |            |  |  |
|             |           | 1              | 2        | 3        | 4                    |   |   |                                          |                                               |  |                                                                                                                 |          |        |                                              |            |  |  |



PRODUCT NUMBER

51936-002--  
NOTE: 3



|             |         |                |      |          |              |          |  |                                       |                                                                                                     |  |  |          |                                                     |  |           |                                                                                                             |             |  |  |
|-------------|---------|----------------|------|----------|--------------|----------|--|---------------------------------------|-----------------------------------------------------------------------------------------------------|--|--|----------|-----------------------------------------------------|--|-----------|-------------------------------------------------------------------------------------------------------------|-------------|--|--|
| mat'l code  |         |                |      | SEE NOTE |              |          |  | tolerances unless otherwise specified |                                                                                                     |  |  | CUSTOMER |                                                     |  |           | <br>www.fciconnect.com |             |  |  |
| lfr         | ecn no. | dr             | date | linear   | 0.X ± 0.5    |          |  |                                       | COPY                                                                                                |  |  |          | title<br>6P + 32S + 3P<br>VERTICAL PRESS FIT RECEPT |  |           |                                                                                                             |             |  |  |
| E           |         |                |      |          | 0.XX ± 0.25  |          |  |                                       | projection<br> |  |  |          |                                                     |  |           |                                                                                                             |             |  |  |
|             |         |                |      |          | 0.XXX ± 0.10 |          |  |                                       |                                                                                                     |  |  |          |                                                     |  |           |                                                                                                             |             |  |  |
|             |         |                |      | angles   | 0° ± 2°      |          |  |                                       |                |  |  |          | product family<br>PwrBlade                          |  |           |                                                                                                             | code<br>213 |  |  |
|             |         |                |      | dr       | D. INGRAM    | 01/07/02 |  |                                       | scale<br>1:1                                                                                        |  |  |          | size                                                |  | dwg no    |                                                                                                             | sheet<br>2  |  |  |
|             |         |                |      | engr     | M.MOSTOLLER  | 01/07/02 |  |                                       |                                                                                                     |  |  |          | A                                                   |  | 51936-002 |                                                                                                             |             |  |  |
|             |         |                |      | chr      | M.MOSTOLLER  | 01/07/02 |  |                                       |                                                                                                     |  |  |          |                                                     |  |           |                                                                                                             |             |  |  |
|             |         |                |      | appd     | M.MOSTOLLER  | 01/07/02 |  |                                       |                                                                                                     |  |  |          |                                                     |  |           |                                                                                                             |             |  |  |
| sheet index |         | revision sheet |      |          |              |          |  |                                       |                                                                                                     |  |  |          |                                                     |  |           |                                                                                                             |             |  |  |

cage code 22506

Pro/E

PDM: Rev:E

STATUS: Released

Printed: Sep 26, 2008





1 | 2

3

4

PRODUCT NUMBER

51936-002--  
NOTE: 3

NOTES:

- I. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH  
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTORS NOTES:

- ② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED  
HIGH TEMP THERMO PLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL PIN MATERIAL: COPPER ALLOY

③ PLATING:

SEE ITEM 7&8 IN PRINT 10064183 FOR PLATING SPEC OF 51936-002; 51936-002LF

- ④ "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON  
THIS SURFACE.

- ⑤ PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

- ⑥ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

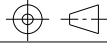
7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8.  $\varnothing 1.151 \pm 0.025$  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.

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

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

11. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES  
AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT  
FOR OPTIMIZING THE MOLDING PROCESS. THE VOID CORING WILL NOT  
EFFECT TO PRODUCT FUNCTION.

|            |         |          |      |          |                       |  |  |                                          |                                                                                       |  |  |          |                                                                                       |  |  |                                                                                                          |                                                     |  |  |  |
|------------|---------|----------|------|----------|-----------------------|--|--|------------------------------------------|---------------------------------------------------------------------------------------|--|--|----------|---------------------------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--|--|--|
| mat'l code |         |          |      | SEE NOTE |                       |  |  | tolerances unless<br>otherwise specified |                                                                                       |  |  | CUSTOMER |                                                                                       |  |  |  www.fciconnect.com |                                                     |  |  |  |
| ltr        | ecm no. | dr       | date | linear   | $0.X \pm 0.5$         |  |  |                                          | COPY                                                                                  |  |  |          |  |  |  |                                                                                                          | title<br>6P + 32S + 3P<br>VERTICAL PRESS FIT RECEPT |  |  |  |
| E          |         |          |      |          | $0.XX \pm 0.25$       |  |  |                                          | projection                                                                            |  |  |          |                                                                                       |  |  |                                                                                                          |                                                     |  |  |  |
|            |         |          |      |          | $0.XXX \pm 0.10$      |  |  |                                          | scale                                                                                 |  |  |          |                                                                                       |  |  |                                                                                                          |                                                     |  |  |  |
|            |         |          |      | angles   | $0^\circ \pm 2^\circ$ |  |  |                                          |  |  |  |          | product family                                                                        |  |  |                                                                                                          | code                                                |  |  |  |
|            |         |          |      | dr       | D. INGRAM 01/07/02    |  |  |                                          | MM                                                                                    |  |  |          | PwrBlade                                                                              |  |  |                                                                                                          | 213                                                 |  |  |  |
|            |         |          |      | enrg     | M. MOSTOLLER 01/07/02 |  |  |                                          | 1:1                                                                                   |  |  |          | size                                                                                  |  |  |                                                                                                          | dwg no                                              |  |  |  |
|            |         |          |      | chr      | M. MOSTOLLER 01/07/02 |  |  |                                          |                                                                                       |  |  |          | A                                                                                     |  |  |                                                                                                          | 51936-002                                           |  |  |  |
|            |         |          |      | appd     | M. MOSTOLLER 01/07/02 |  |  |                                          |                                                                                       |  |  |          |                                                                                       |  |  |                                                                                                          | sheet                                               |  |  |  |
| sheet      |         | revision |      |          |                       |  |  |                                          |                                                                                       |  |  |          |                                                                                       |  |  |                                                                                                          |                                                     |  |  |  |
| index      |         | sheet    |      |          |                       |  |  |                                          |                                                                                       |  |  |          |                                                                                       |  |  |                                                                                                          |                                                     |  |  |  |

1 | 2

Pro/E

PDM: Rev: E

STAT: Released

Printed: Sep 26, 2008