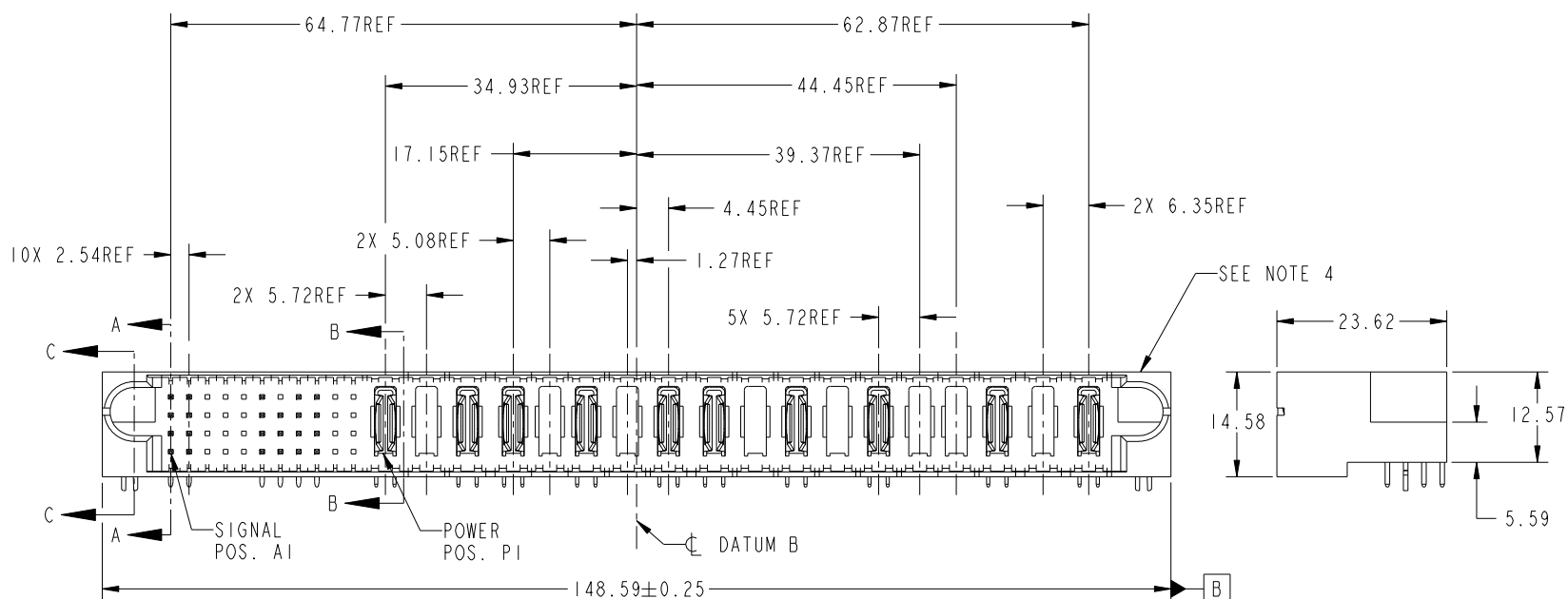




| 1                      |                  |                                                                                   |    |    |    |    |    |    |    |    | 2  |    |       |    |    |    |    |    |    |    |    | 3  |     |     |     |     |     |     |     |     |   |     |                                                                                     |  |  |  |  |  |  | 4 |  |
|------------------------|------------------|-----------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|-------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-------------------------------------------------------------------------------------|--|--|--|--|--|--|---|--|
| PRODUCT NO.            | ROWS             | SIGNAL                                                                            |    |    |    |    |    |    |    |    |    |    | POWER |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |   |     |                                                                                     |  |  |  |  |  |  |   |  |
|                        |                  | E1                                                                                | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11    | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 |   | P18 | E2                                                                                  |  |  |  |  |  |  |   |  |
| 51939-291--<br>NOTE: 3 | D<br>C<br>B<br>A |  | UU | XX | XX | XX | XX | XX | XX | XX | XX | XX | XX    | PA | X  | PA | PA | PA | X  | PA | X  | PA | PA  | X   | PA  | X   | PA  | X   | X   | PA  | X | PA  |  |  |  |  |  |  |  |   |  |
|                        |                  |  | TT | XX | XX | XX | XX | XX | XX | XX | XX | XX |       |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |   |     |  |  |  |  |  |  |  |   |  |
|                        |                  |  | SS | XX | XX | XX | XX | XX | XX | XX | XX | XX |       |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |   |     |  |  |  |  |  |  |  |   |  |
|                        |                  |  | RR | XX | XX | XX | XX | XX | XX | XX | XX | XX |       |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |   |     |  |  |  |  |  |  |  |   |  |



| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| R    | [6.86]                      | SIGNAL          |
| S    | [6.86]                      | SIGNAL          |
| T    | [6.86]                      | SIGNAL          |
| U    | [6.86]                      | SIGNAL          |
| PA   | [N/A]                       | POWER           |
| HA   | [N/A]                       | HOLD-DOWN       |
| X    | OMITTED                     | OMITTED         |

|             |                |     |          |            |        |                                       |  |                |  |                           |  |
|-------------|----------------|-----|----------|------------|--------|---------------------------------------|--|----------------|--|---------------------------|--|
| mat'l code  |                |     |          | SEE NOTE 2 |        | tolerances unless otherwise specified |  | CUSTOMER       |  | FCI                       |  |
| ltr         | ecn no.        | dr  | date     | linear     | angles | 0.X ±0.3                              |  | COPY           |  | www.fciconnect.com        |  |
| A           | DG07-0163      | JMG | 05/15/07 |            |        | 0.XX ±0.13                            |  | projection     |  | title                     |  |
| B           | DG08-0266      | W D | 09/22/08 |            |        | 0.XXX ±0.051                          |  | MM             |  | 44S + 18P                 |  |
|             |                |     |          |            |        | 0° ±2°                                |  | scale          |  | RIGHT ANGLE SOLDER HEADER |  |
|             |                |     |          | dr         |        | JM GUO 05/15/07                       |  | product family |  | PwrBlade                  |  |
|             |                |     |          | enrg       |        | RYAN YUAN 05/15/07                    |  | size           |  | 213                       |  |
|             |                |     |          | chr        |        | GARY HSIEH 05/15/07                   |  | dwg no         |  | sheet                     |  |
|             |                |     |          | appd       |        | JOSEPH HSIA 05/15/07                  |  | A              |  | 1 of 4                    |  |
| sheet index | revision sheet | B   | B        | B          | B      |                                       |  |                |  |                           |  |
|             |                | 1   | 2        | 3          | 4      |                                       |  |                |  |                           |  |

B

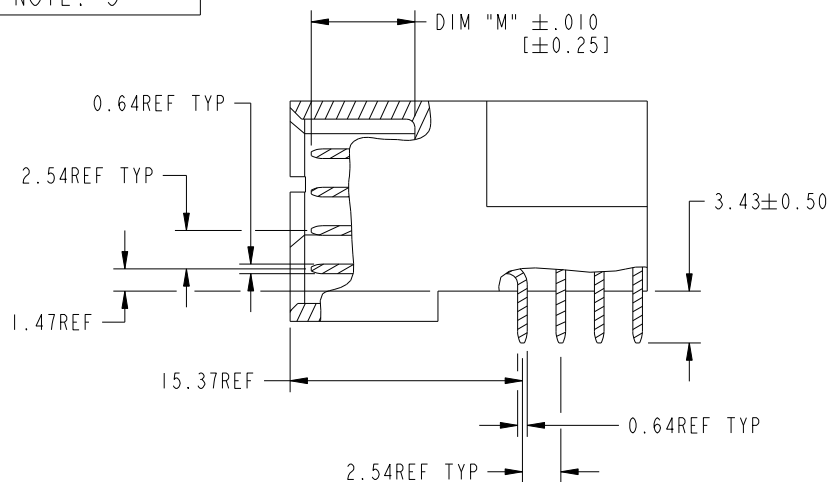
B



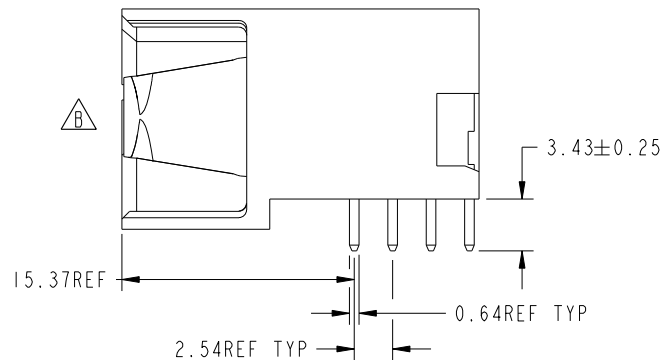
PRODUCT NUMBER

51939-291\_\_

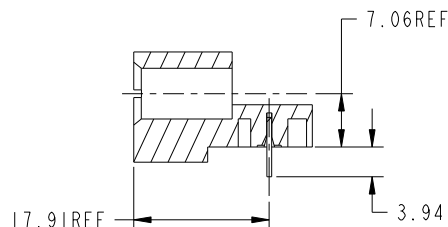
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1

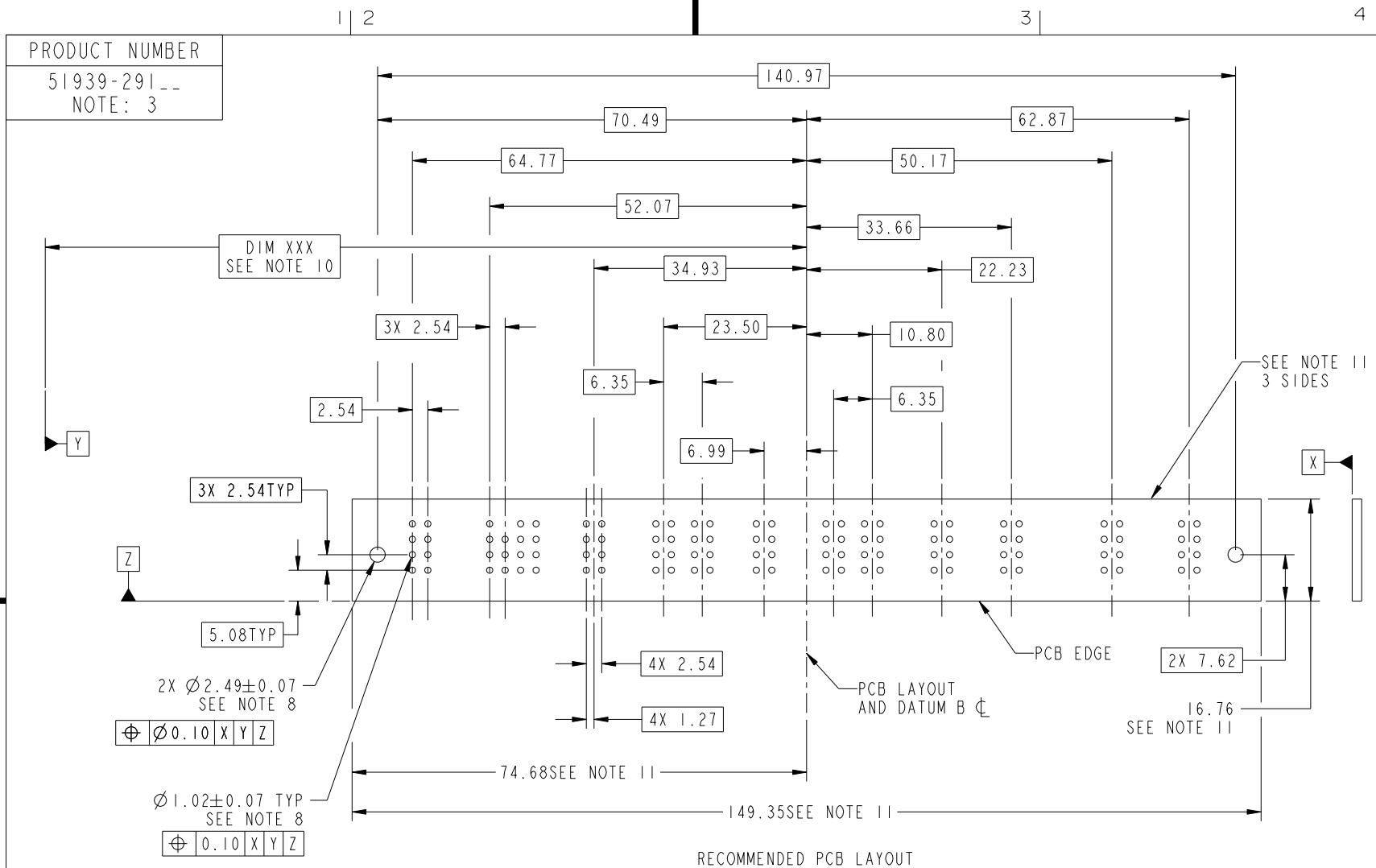


BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION C-C

|             |                |    |      |            |             |                                       |  |            |  |                           |  |
|-------------|----------------|----|------|------------|-------------|---------------------------------------|--|------------|--|---------------------------|--|
| mat'l code  |                |    |      | SEE NOTE 2 |             | tolerances unless otherwise specified |  | CUSTOMER   |  | FCI                       |  |
| litr        | ecr no.        | dr | date | linear     |             | 0.X ±0.3                              |  | COPY       |  | www.fciconnect.com        |  |
| B           |                |    |      |            |             | 0.XX ±0.13                            |  | projection |  | title 44S + 18P           |  |
|             |                |    |      |            |             | 0.XXX ±0.051                          |  | MM         |  | RIGHT ANGLE SOLDER HEADER |  |
|             |                |    |      | angles     |             | 0° ±2°                                |  | scale 1:1  |  | product family PwrBlade   |  |
|             |                |    |      | dr         | JM GUO      | 05/15/07                              |  | size       |  | code 213                  |  |
|             |                |    |      | enrg       | RYAN YUAN   | 05/15/07                              |  | dwg no     |  | sheet 2 of 4              |  |
|             |                |    |      | chr        | GARY HSIEH  | 05/15/07                              |  | A          |  | 51939-291                 |  |
|             |                |    |      | appd       | JOSEPH HSIA | 05/15/07                              |  |            |  |                           |  |
| sheet index | revision sheet |    |      |            |             |                                       |  |            |  |                           |  |

[illegible]



1 | 2

3 |

4

PRODUCT NUMBER

51939-291\_\_  
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) SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-291 AND 51939-291LF 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 OR Sn 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.  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED  
WITH THE CURRENT DRAWING REVISION.

| mat'l code |          |    |      | SEE NOTE 2 |             | tolerances unless<br>otherwise specified |  | CUSTOMER   |                                                                                       |  www.fciconnect.com |        |       |        |
|------------|----------|----|------|------------|-------------|------------------------------------------|--|------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------|-------|--------|
| ltr        | ecn no.  | dr | date | linear     |             | 0.X $\pm 0.3$                            |  | COPY       |                                                                                       | title 44S + 18P                                                                                          |        |       |        |
| B          |          |    |      |            |             | 0.XX $\pm 0.13$                          |  | projection |  | RIGHT ANGLE SOLDER HEADER                                                                                |        |       |        |
|            |          |    |      |            |             | 0.XXX $\pm 0.051$                        |  |            |                                                                                       |                                                                                                          |        |       |        |
|            |          |    |      | angles     |             | 0° $\pm 2^\circ$                         |  |            |                                                                                       |                                                                                                          |        |       |        |
|            |          |    |      | dr         | JM GUO      | 05/15/07                                 |  |            |                                                                                       | product family PwrBlade                                                                                  |        | code  |        |
|            |          |    |      | enrg       | RYAN YUAN   | 05/15/07                                 |  |            |                                                                                       | size                                                                                                     | dwg no | 213   |        |
|            |          |    |      | chr        | GARY HSIEH  | 05/15/07                                 |  |            |                                                                                       | A 51939-291                                                                                              |        | sheet | 4 of 4 |
|            |          |    |      | appd       | JOSEPH HSIA | 05/15/07                                 |  |            |                                                                                       |                                                                                                          |        |       |        |
| sheet      | revision |    |      |            |             |                                          |  |            |                                                                                       |                                                                                                          |        |       |        |
| index      | sheet    |    |      |            |             |                                          |  |            |                                                                                       |                                                                                                          |        |       |        |

1 | 2

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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