

13

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11

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4

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2

1

J

I

H

G

F

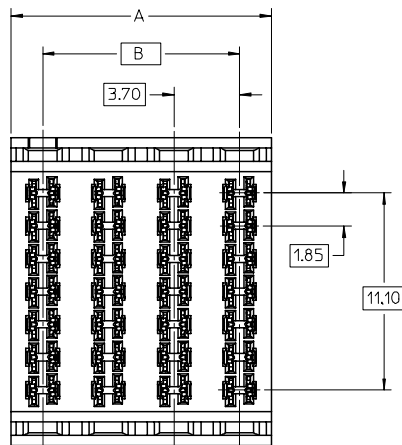
E

D

C

B

A



76015-\*\*\*\*

MODULE TYPE -- TAIL PLATING TYPE

UNGUIDED -- TIN/LEAD = 0

UNGUIDED -- TIN ONLY = 1

# OF COLUMNS

4 = 4 COL

6 = 6 COL

1 = 10 COL

PIN LENGTH (P)

2 = 3.90

3 = 4.70

4 = 5.70

5 = 4.70 &amp; 5.70

PART STYLE

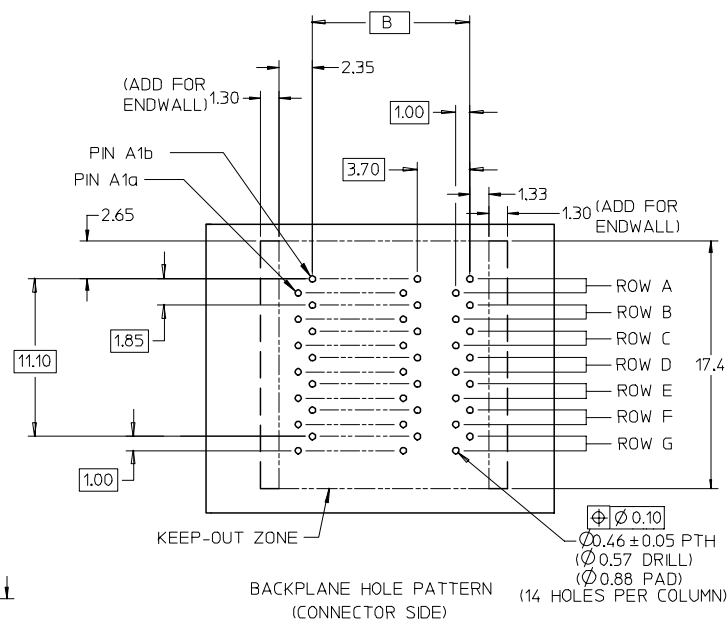
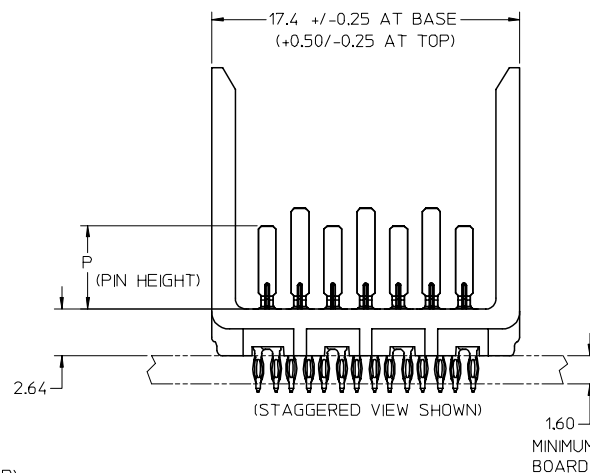
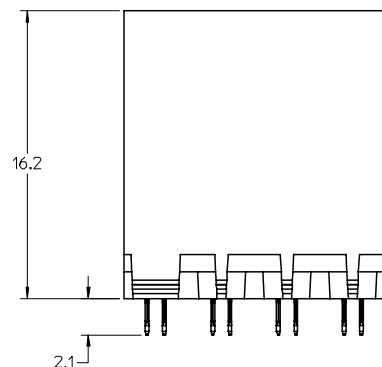
0 = OPEN ENDS

1 = LEFT END WALL

2 = DUAL END WALL

3 = RIGHT END WALL

STAGGERED



## NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30uIN MIN. GOLD IN CONTACT AREA,  
SELECTIVE TIN/LEAD OR SELECTIVE TIN  
ON PCB TAILS. NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-75710-999  
FOR PERFORMANCE SPECIFICATIONS.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT MOLEX  
FOR AVAILABILITY.
5. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF  
COSMETIC SPEC PS-45499-002
6. PACKAGE PER: PK-70873-125.
7. REFER TO PCB ROUTING GUIDE FOR ANTIPAD AND  
ROUTING RECOMMENDATIONS.

|                                                                                                                                |                                   |             |                                       |       |                                                            |                                                                                                                               |                                                                       |                        |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------|---------------------------------------|-------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|
| UPDATE TOL<br>EC NO: UCP2008-1145<br>2007/11/19<br>DRAWN: BPS/CZOR<br>2007/11/19<br>CHKD: JLAURX<br>2007/11/19<br>APPR: JLAURX | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |       | DIMENSION STYLE<br>MM ONLY                                 |                                                                                                                               | SCALE<br>5:1                                                          | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |
|                                                                                                                                |                                   |             | mm                                    | INCH  | DRAWN BY<br>BPS/CZOR                                       | DATE<br>2007/01/25                                                                                                            | TITLE<br>I-TRAC BACKPLANE 7 ROW<br>UNGUIDED ASSEMBLY<br>SALES DRAWING |                        |                                                                                                              |
|                                                                                                                                |                                   |             | 4 PLACES ± ---                        | ± --- | CHECKED BY<br>JLAURX                                       | DATE<br>2007/02/06                                                                                                            |                                                                       |                        |                                                                                                              |
|                                                                                                                                |                                   |             | 3 PLACES ± ---                        | ± --- | APPROVED BY<br>CBIXLER                                     | DATE<br>2007/02/06                                                                                                            |                                                                       |                        |                                                                                                              |
|                                                                                                                                |                                   |             | 2 PLACES ± 0.13                       | ± --- | MATERIAL NO.                                               |                                                                                                                               | DOCUMENT NO.                                                          | SHEET NO.<br>1 OF 4    |                                                                                                              |
|                                                                                                                                |                                   |             | 1 PLACE ± 0.25                        | ± --- | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                               | SEE CHART                                                             |                        |                                                                                                              |
|                                                                                                                                |                                   |             | ANGULAR ± 1/2°                        |       | SIZE                                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                       |                        |                                                                                                              |

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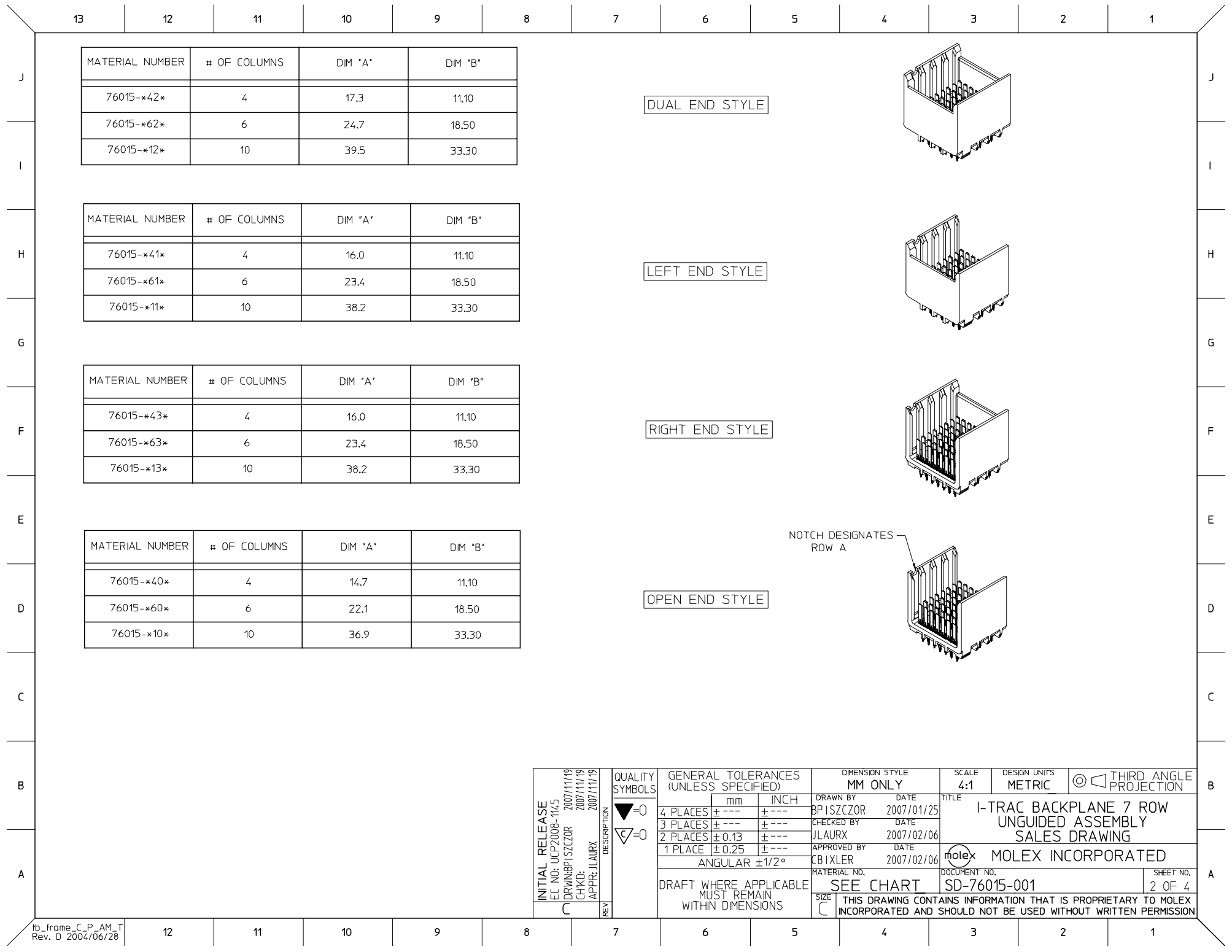
5

4

3

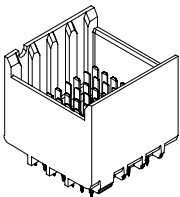
2

1



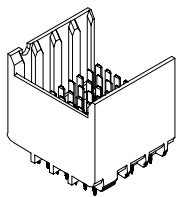
| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|-----------------|--------------|---------|---------|
| 76015-✱42✱      | 4            | 17.3    | 11.10   |
| 76015-✱62✱      | 6            | 24.7    | 18.50   |
| 76015-✱12✱      | 10           | 39.5    | 33.30   |

DUAL END STYLE



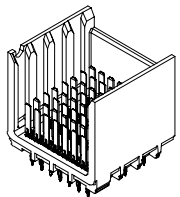
| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|-----------------|--------------|---------|---------|
| 76015-✱41✱      | 4            | 16.0    | 11.10   |
| 76015-✱61✱      | 6            | 23.4    | 18.50   |
| 76015-✱11✱      | 10           | 38.2    | 33.30   |

LEFT END STYLE



| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|-----------------|--------------|---------|---------|
| 76015-✱43✱      | 4            | 16.0    | 11.10   |
| 76015-✱63✱      | 6            | 23.4    | 18.50   |
| 76015-✱13✱      | 10           | 38.2    | 33.30   |

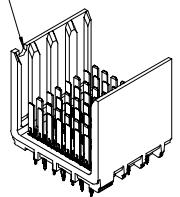
RIGHT END STYLE



| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|-----------------|--------------|---------|---------|
| 76015-✱40✱      | 4            | 14.7    | 11.10   |
| 76015-✱60✱      | 6            | 22.1    | 18.50   |
| 76015-✱10✱      | 10           | 36.9    | 33.30   |

OPEN END STYLE

NOTCH DESIGNATES  
ROW A



INITIAL RELEASE  
EC NO: UCP2008-1145  
DRAWN BY: BPISZCZOR  
CHKD: 2007/11/19  
APPR: JLAURX  
REV: 2007/11/19

DESCRIPTION

QUALITY SYMBOLS  
=0  
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± ---  
2 PLACES ± 0.13 ± ---  
1 PLACE ± 0.25 ± ---  
ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY

DRAWN BY: BPISZCZOR  
CHECKED BY: JLAURX  
APPROVED BY: CBIXLER  
MATERIAL NO.  
SIZE C

DATE: 2007/01/25  
DATE: 2007/02/06  
DATE: 2007/02/06

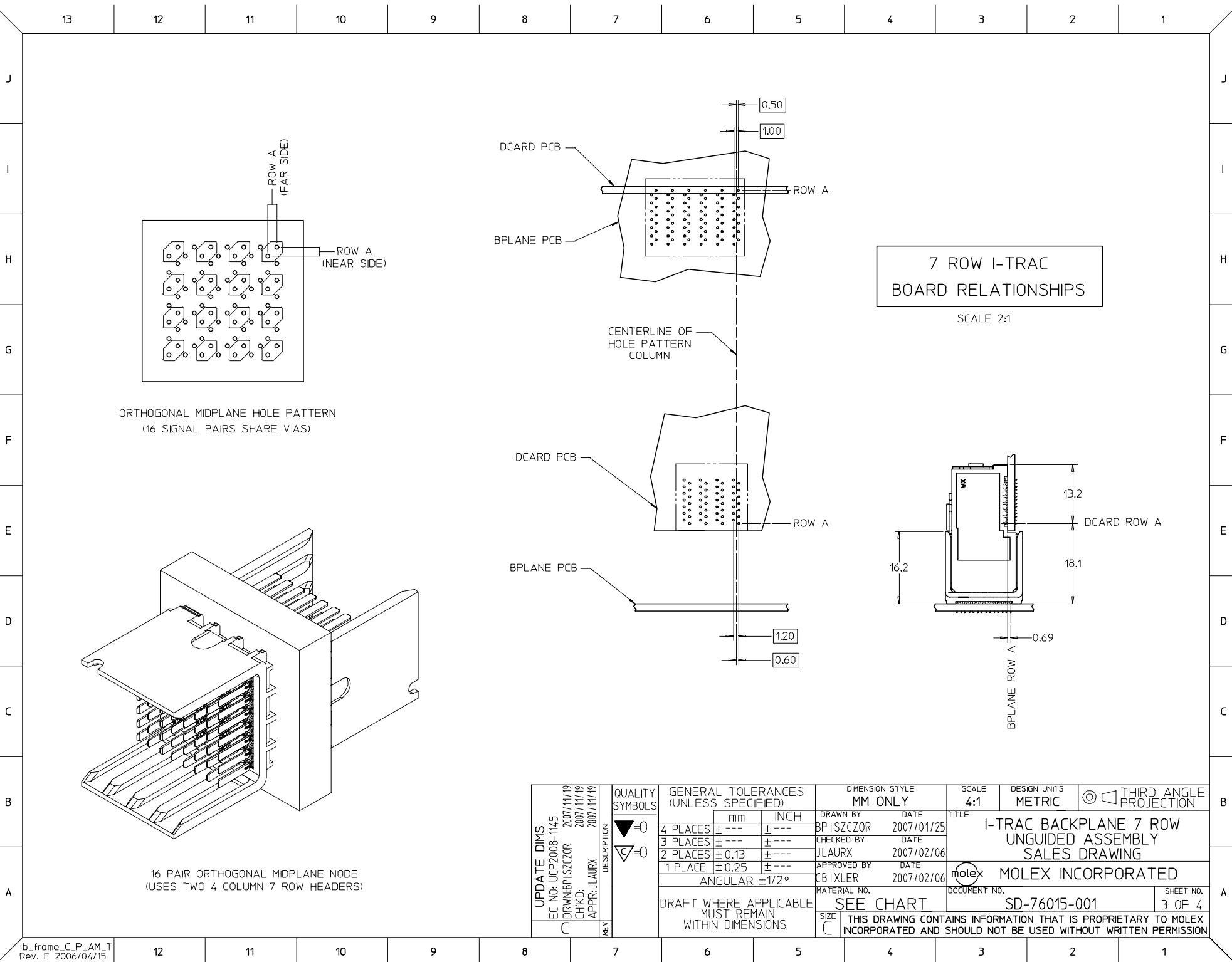
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE: 4:1  
DESIGN UNITS: METRIC  
THIRD ANGLE PROJECTION

TITLE: I-TRAC BACKPLANE 7 ROW  
UNGUIDED ASSEMBLY  
SALES DRAWING

moLEX MOLEX INCORPORATED

DOCUMENT NO. SD-76015-001  
SHEET NO. 2 OF 4



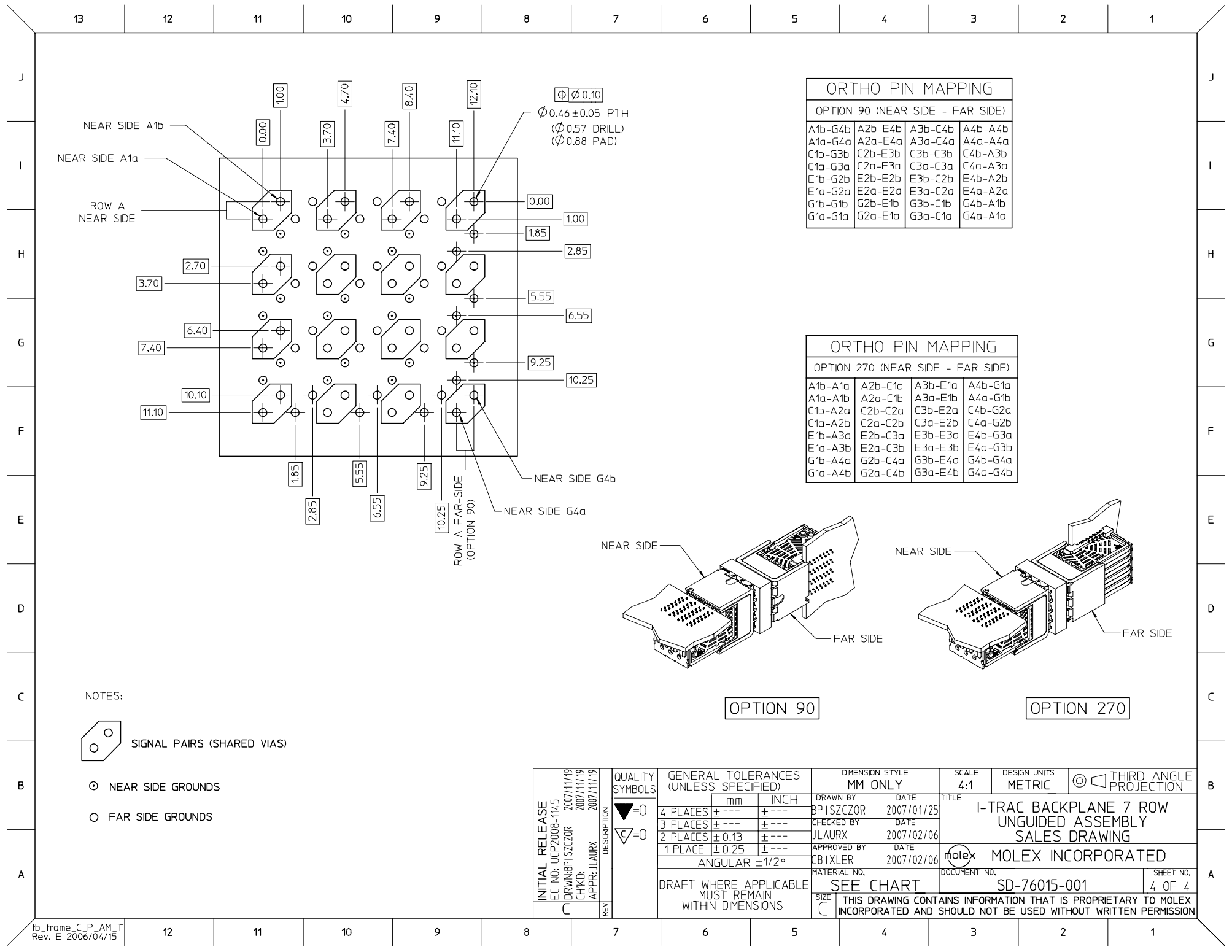
ORTHOGONAL MIDPLANE HOLE PATTERN  
(16 SIGNAL PAIRS SHARE VIAS)

16 PAIR ORTHOGONAL MIDPLANE NODE  
(USES TWO 4 COLUMN 7 ROW HEADERS)

7 ROW I-TRAC  
BOARD RELATIONSHIPS

SCALE 2:1

|                                                                                                                                         |                               |             |                                                            |        |                            |                        |                                                                                                                                  |                                                                                       |                                                                                                              |                                                                                                 |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|------------------------------------------------------------|--------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------|--|
| UPDATE DIMS<br>EC NO: UCP2008-1145<br>2007/11/19<br>DRAWN: BPISZCZOR<br>CHKD: JLAURX<br>2007/11/19<br>APPR: JLAURX<br>2007/11/19<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY |                        | SCALE<br>4:1                                                                                                                     | DESIGN UNITS<br>METRIC                                                                |  THIRD ANGLE PROJECTION | TITLE<br>I-TRAC BACKPLANE 7 ROW<br>UNGUIDED ASSEMBLY<br>SALES DRAWING<br><br>MOLEX INCORPORATED |              |  |
|                                                                                                                                         |                               |             |                                                            | mm     | INCH                       | DRAWN BY<br>BPISZCZOR  | DATE<br>2007/01/25                                                                                                               |                                                                                       |                                                                                                              |                                                                                                 |              |  |
|                                                                                                                                         |                               |             | 4 PLACES                                                   | ± .005 | ± .005                     | CHECKED BY<br>JLAURX   | DATE<br>2007/02/06                                                                                                               |                                                                                       |                                                                                                              |                                                                                                 |              |  |
|                                                                                                                                         |                               |             | 3 PLACES                                                   | ± .005 | ± .005                     | APPROVED BY<br>CBIXLER | DATE<br>2007/02/06                                                                                                               |  |                                                                                                              |                                                                                                 |              |  |
|                                                                                                                                         |                               |             | 2 PLACES                                                   | ± 0.13 | ± .005                     | MATERIAL NO.           |                                                                                                                                  |                                                                                       |                                                                                                              |                                                                                                 | DOCUMENT NO. |  |
|                                                                                                                                         |                               |             | 1 PLACE                                                    | ± 0.25 | ± .005                     | SHEET NO.<br>3 OF 4    |                                                                                                                                  |                                                                                       |                                                                                                              |                                                                                                 |              |  |
|                                                                                                                                         |                               |             | ANGULAR ±1/2°                                              |        | SEE CHART                  |                        | SD-76015-001                                                                                                                     |                                                                                       |                                                                                                              |                                                                                                 |              |  |
|                                                                                                                                         |                               |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SIZE<br>C                  |                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                       |                                                                                                              |                                                                                                 |              |  |



| ORTHO PIN MAPPING                |         |         |         |
|----------------------------------|---------|---------|---------|
| OPTION 90 (NEAR SIDE - FAR SIDE) |         |         |         |
| A1b-G4b                          | A2b-E4b | A3b-C4b | A4b-A4b |
| A1a-G4a                          | A2a-E4a | A3a-C4a | A4a-A4a |
| C1b-G3b                          | C2b-E3b | C3b-C3b | C4b-A3b |
| C1a-G3a                          | C2a-E3a | C3a-C3a | C4a-A3a |
| E1b-G2b                          | E2b-E2b | E3b-C2b | E4b-A2b |
| E1a-G2a                          | E2a-E2a | E3a-C2a | E4a-A2a |
| G1b-G1b                          | G2b-E1b | G3b-C1b | G4b-A1b |
| G1a-G1a                          | G2a-E1a | G3a-C1a | G4a-A1a |

| ORTHO PIN MAPPING                 |         |         |         |
|-----------------------------------|---------|---------|---------|
| OPTION 270 (NEAR SIDE - FAR SIDE) |         |         |         |
| A1b-A1a                           | A2b-C1a | A3b-E1a | A4b-G1a |
| A1a-A1b                           | A2a-C1b | A3a-E1b | A4a-G1b |
| C1b-A2a                           | C2b-C2a | C3b-E2a | C4b-G2a |
| C1a-A2b                           | C2a-C2b | C3a-E2b | C4a-G2b |
| E1b-A3a                           | E2b-C3a | E3b-E3a | E4b-G3a |
| E1a-A3b                           | E2a-C3b | E3a-E3b | E4a-G3b |
| G1b-A4a                           | G2b-C4a | G3b-E4a | G4b-G4a |
| G1a-A4b                           | G2a-C4b | G3a-E4b | G4a-G4b |

NOTES:

 SIGNAL PAIRS (SHARED VIAS)

 NEAR SIDE GROUNDS

 FAR SIDE GROUNDS

|                                                                                                                                      |                                   |             |                                                         |        |                                                                                                                               |                        |                    |                                                                       |                                                                                                              |                    |                     |  |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------|---------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------|---------------------|--|
| INITIAL RELEASE<br>EC NO: UCP2008-1145<br>DRAWN: BPSZCZOR 2007/11/19<br>CHKD: JLAURX 2007/11/19<br>APPR: JLAURX 2007/11/19<br>REV: C | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>MM ONLY                                                                                                    |                        | SCALE<br>4:1       | DESIGN UNITS<br>METRIC                                                |  THIRD ANGLE PROJECTION |                    |                     |  |
|                                                                                                                                      |                                   |             |                                                         | mm     | INCH                                                                                                                          | DRAWN BY<br>BPSZCZOR   | DATE<br>2007/01/25 | TITLE<br>I-TRAC BACKPLANE 7 ROW<br>UNGUIDED ASSEMBLY<br>SALES DRAWING |                                                                                                              |                    |                     |  |
|                                                                                                                                      |                                   |             | 4 PLACES                                                | ± ---  | ± ---                                                                                                                         | CHECKED BY<br>JLAURX   | DATE<br>2007/02/06 |                                                                       |                                                                                                              |                    |                     |  |
|                                                                                                                                      |                                   |             | 3 PLACES                                                | ± ---  | ± ---                                                                                                                         |                        |                    |                                                                       |                                                                                                              |                    |                     |  |
|                                                                                                                                      |                                   |             | 2 PLACES                                                | ± 0.13 | ± ---                                                                                                                         | APPROVED BY<br>CBIXLER | DATE<br>2007/02/06 |                                                                       |                                                                                                              |                    |                     |  |
|                                                                                                                                      |                                   |             | 1 PLACE                                                 | ± 0.25 | ± ---                                                                                                                         | MATERIAL NO.           |                    | DOCUMENT NO.                                                          |                                                                                                              | MOLEX INCORPORATED | SHEET NO.<br>4 OF 4 |  |
|                                                                                                                                      |                                   |             | ANGULAR ±1/2°                                           |        | SEE CHART                                                                                                                     |                        | SD-76015-001       |                                                                       |                                                                                                              |                    |                     |  |
|                                                                                                                                      |                                   |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                    |                                                                       |                                                                                                              |                    |                     |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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