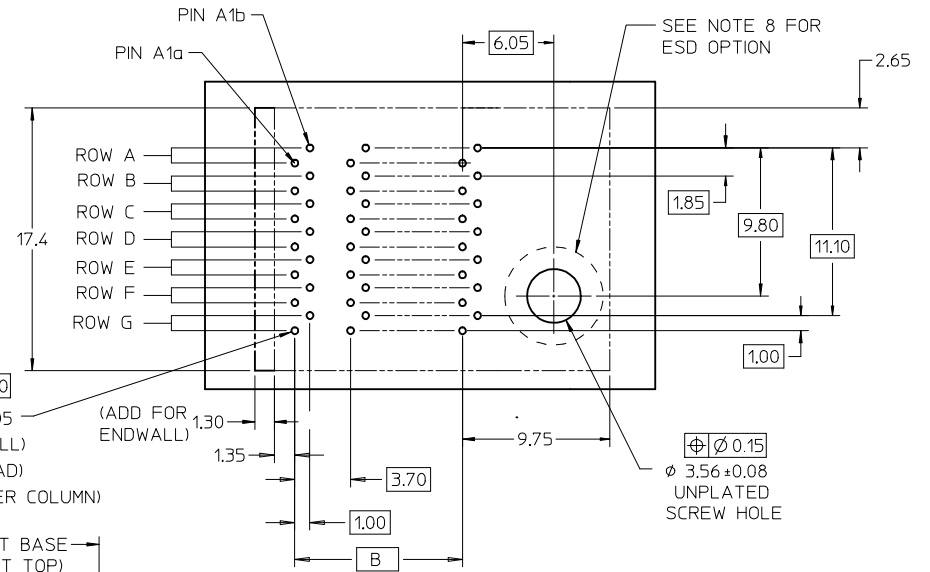
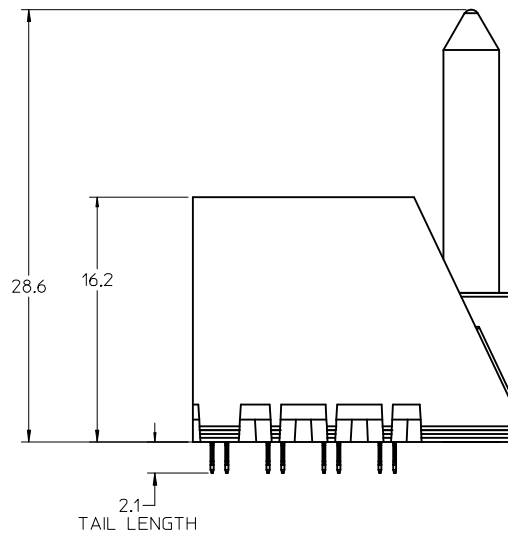
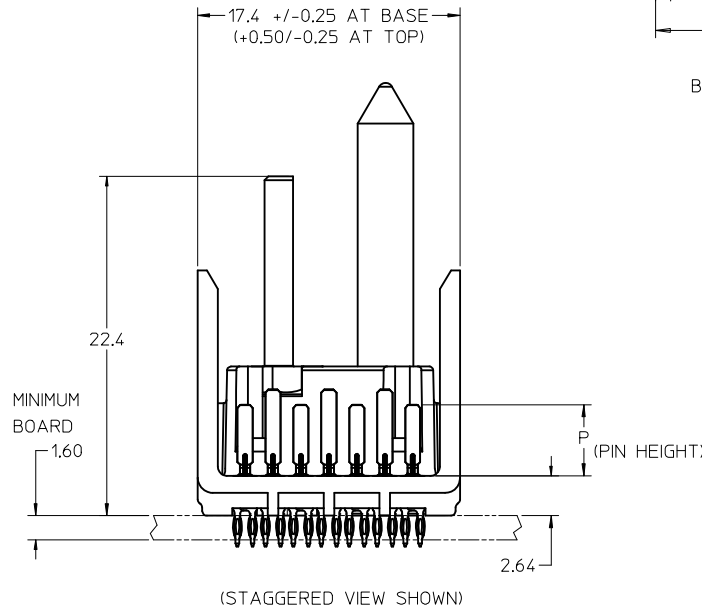


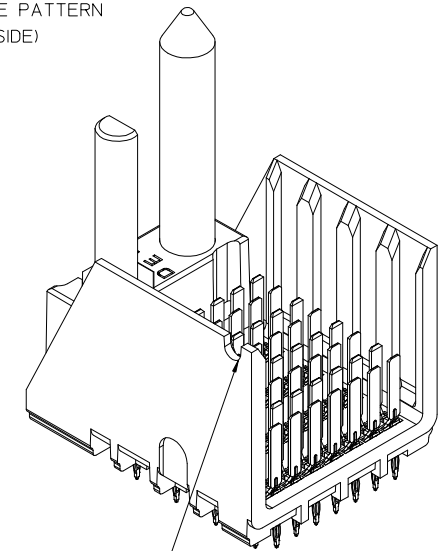
KEY SHOWN IN POSITION "E"



BACKPLANE HOLE PATTERN  
(CONNECTOR SIDE)



(STAGGERED VIEW SHOWN)



NOTCH DESIGNATES  
ROW A

|   |                                      |                                       |                      |  |                      |  |                                    |                        |  |                     |  |
|---|--------------------------------------|---------------------------------------|----------------------|--|----------------------|--|------------------------------------|------------------------|--|---------------------|--|
| <b>LEADFREE CONVERTER.</b><br>IEC NO: UCP2013-1898<br>DRAWN BY: 2012/11/12<br>CHKD:MMOLFE 2012/11/12<br>APPR:SMILLER 2012/12/21 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                      | DIMENSION STYLE<br><b>MM ONLY</b>                    |                      | SCALE<br>4:1                           | DESIGN UNITS<br>METRIC             | THIRD ANGLE PROJECTION |  |                     |  |
|   |                                      | 4 PLACES ± --- ± ---                  | 3 PLACES ± --- ± --- | 2 PLACES ± 0.13 ± ---                                | 1 PLACE ± 0.25 ± --- | 0 PLACE ± ±                            | DRAWN BY DATE<br>BPISZCZOR 3/28/06 |                        | TITLE<br>I-TRAC BACKPLANE 7 ROW<br>GUIDE RIGHT ASSEMBLY<br>SALES DRAWING |                     |  |
|   |                                      | ANGULAR ±1/2°                         |                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                      | APPROVED BY DATE<br>CBIXLER 2007/02/06 |                                    | MATERIAL NO.           |  | SHEET NO.<br>1 OF 4 |  |
|   |                                      | SIZE C                                |                      | SEE TABLE  |                      | DOCUMENT NO.<br>SD-76015-004           |                                    |                        |  |                     |  |

# 76015-\*\*\*\*

MODULE TYPE -- TAIL PLATING TYPE  
 GUIDE RIGHT -- TIN ONLY = 4 (PREVIOUSLY TIN/LEAD)  
 GUIDE RIGHT -- TIN ONLY = 5  
 GUIDE RIGHT W/END -- TIN ONLY = 8 (PREVIOUSLY TIN/LEAD)  
 GUIDE RIGHT W/END -- TIN ONLY = 9

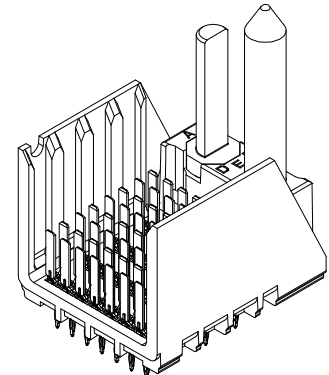
# OF COLUMNS  
 4 = 4 COL  
 6 = 6 COL  
 1 = 10 COL

KEY ORIENTATION  
 0 = NO KEY  
 1 = A  
 2 = B  
 3 = C  
 4 = D  
 5 = E  
 6 = F  
 7 = G  
 8 = H

PIN LENGTH (P)  
 2 = 3.90 - 30 GOLD  
 3 = 4.70 - 30 GOLD  
 4 = 5.70 - 30 GOLD  
 5 = 4.70 & 5.70 - 30 GOLD STAGGERED  
 6 = 3.90 - 10 GOLD  
 7 = 4.70 - 10 GOLD  
 8 = 5.70 - 10 GOLD  
 9 = 4.70 & 5.70 - 10 GOLD STAGGERED

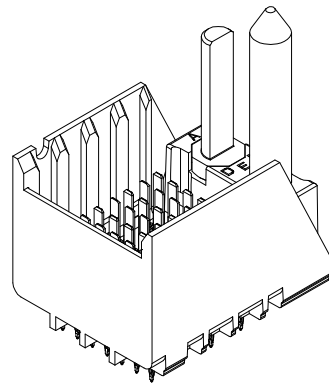
| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|-----------------|--------------|---------|---------|
| 76015-4**       | 4            | 21.1    | 11.10   |
| 76015-6**       | 6            | 28.5    | 18.50   |
| 76015-1**       | 10           | 43.3    | 33.30   |

GUIDE RIGHT STYLE



| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|-----------------|--------------|---------|---------|
| 76015-4**       | 4            | 22.4    | 11.10   |
| 76015-6**       | 6            | 29.8    | 18.50   |
| 76015-1**       | 10           | 44.6    | 33.30   |

GUIDE RIGHT W/END STYLE

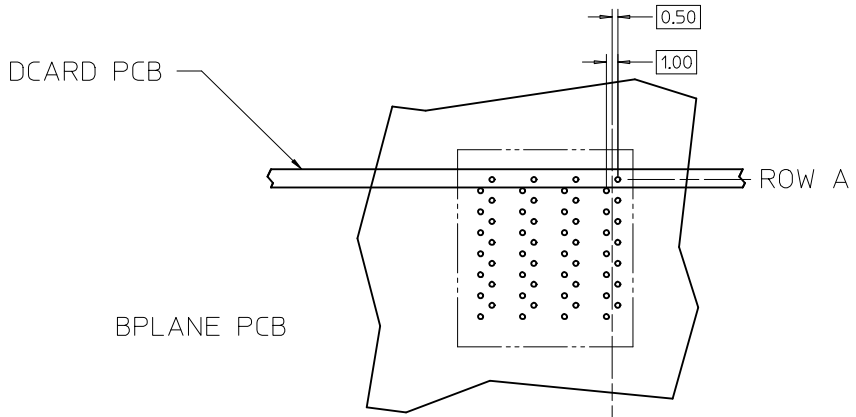


NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0  
 TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 10 MICROINCH MINIMUM GOLD OR 30 MICROINCH MINIMUM GOLD IN CONTACT AREA. SELECTIVE MATTE 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-70873-802.
7. GUIDED PARTS TO BE SHIPPED WITH 2-56 UNC B SCREW P/N 73774-1000.
8. FOR GROUNDED GUIDE PINS USE DIA 3.56 +/-0.08 (PTH), DIA 3.66 (DRILL), AND DIA 6.5 (PAD).
9. REFER TO PCB ROUTING GUIDE FOR ANTI-PAD AND ROUTING RECOMMENDATIONS.

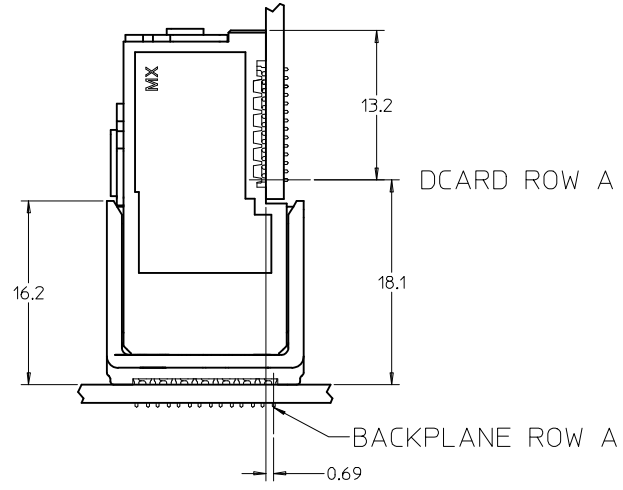
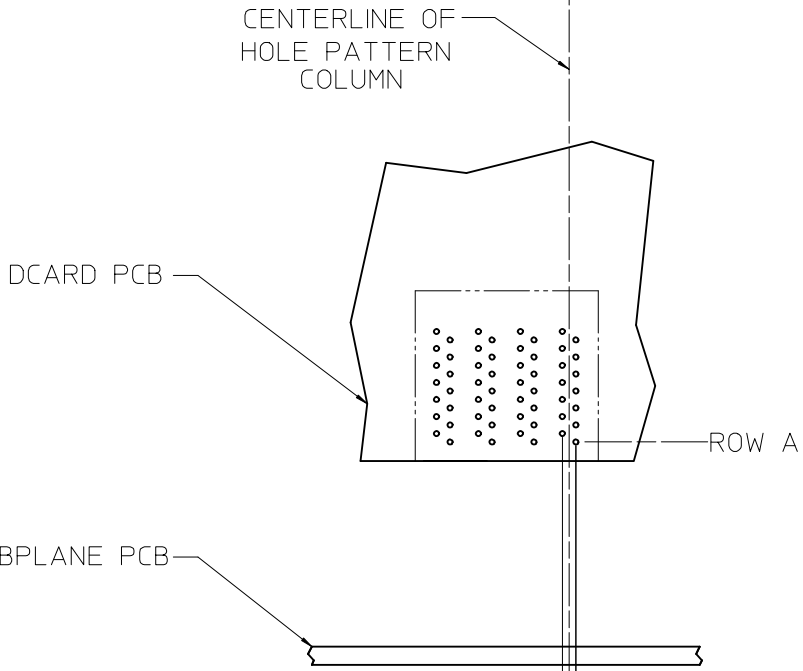
| SEE SHEET 1<br>EC NO: UCP2013-1898<br>DRWN:MP0FF 2012/11/12<br>CHKD:HWOLF 2012/11/12<br>APPR:SMILLER 2012/12/21 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |       | DIMENSION STYLE<br><b>MM ONLY</b> |                                     | SCALE<br><b>4:1</b> | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
|---|--------------------------------------|---|-------|-----------------------------------|-------------------------------------|---------------------|-------------------------------|------------------------|---------|----------|-------|---------|----------|--------|--------|---------|--------|--------|---------|---|---|-----------------------|--|-----------------|---|--|--|
|   |                                      | <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .01</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .02</td> <td>± .0008</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table> |       |                                   | mm                                  | INCH                | 4 PLACES                      | ± .01                  | ± .0004 | 3 PLACES | ± .02 | ± .0008 | 2 PLACES | ± 0.13 | ± .005 | 1 PLACE | ± 0.25 | ± .010 | 0 PLACE | ± | ± | DRAWN BY<br>BPISZCZOR |  | DATE<br>3/28/06 | TITLE<br><b>I-TRAC BACKPLANE 7 ROW<br/>                 GUIDE RIGHT ASSEMBLY<br/>                 SALES DRAWING</b> |  |  |
|   |                                      |   | mm    | INCH                              |                                     |                     |                               |                        |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
|   |                                      | 4 PLACES  | ± .01 | ± .0004                           |                                     |                     |                               |                        |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
| 3 PLACES  | ± .02                                | ± .0008   |       |                                   |                                     |                     |                               |                        |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
| 2 PLACES  | ± 0.13                               | ± .005  |       |                                   |                                     |                     |                               |                        |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
| 1 PLACE   | ± 0.25                               | ± .010  |       |                                   |                                     |                     |                               |                        |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
| 0 PLACE   | ±                                    | ±   |       |                                   |                                     |                     |                               |                        |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                                      | CHECKED BY<br>JLAURX  |       | DATE<br>2007/02/06                |                                     |                     |                               |                        |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
|   |                                      | APPROVED BY<br>CBIXLER  |       | DATE<br>2007/02/06                | DOCUMENT NO.<br><b>SD-76015-004</b> |                     |                               |                        |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |
|   |                                      | MATERIAL NO.  |       | DATE                              |                                     |                     |                               | SHEET NO.<br>2 OF 4    |         |          |       |         |          |        |        |         |        |        |         |   |   |                       |  |                 |   |  |  |

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

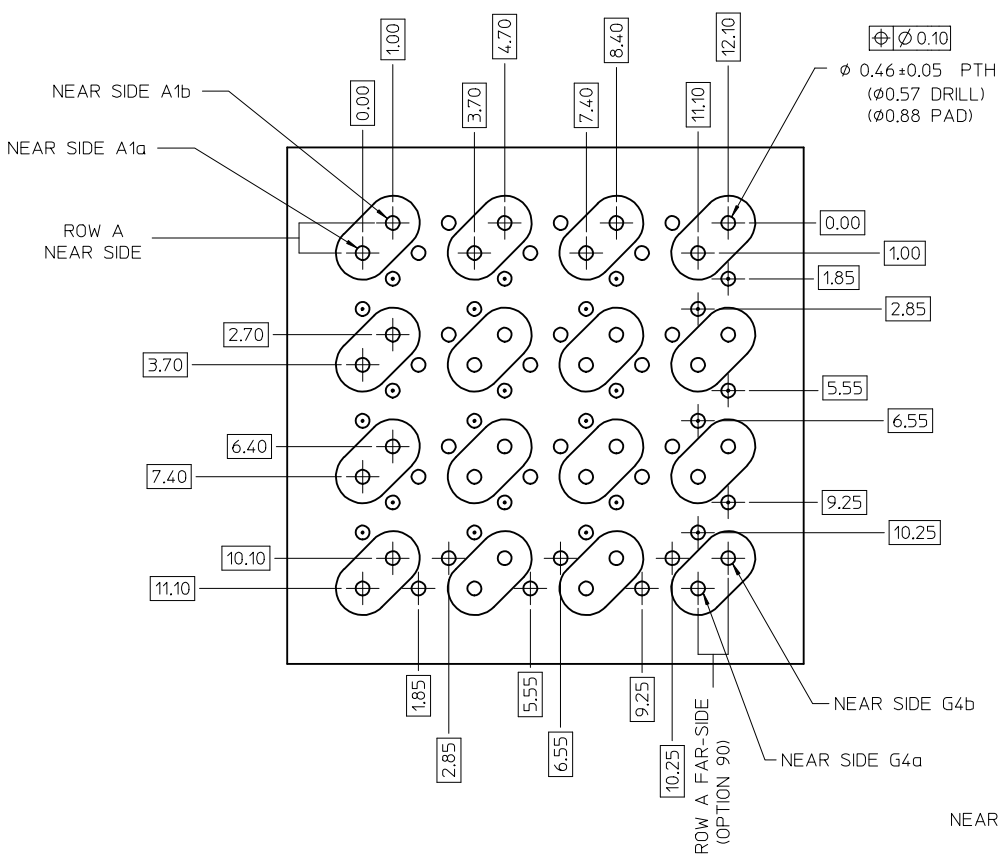


7 ROW I-TRAC BOARD RELATIONSHIPS

SCALE 2:1

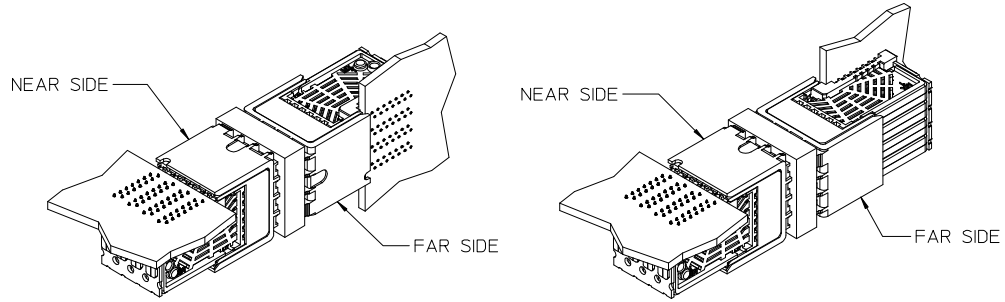


|  |                       |  |   |   |              |                        |
|--|-----------------------|--|---|---|--------------|------------------------|
| SEE SHEET 1<br>EC NO: UCP2013-1898<br>DRAWN: MPOFF 2012/11/12<br>CHKD: MWLF 2012/11/12<br>APPR: SMILLER 2012/12/21 | QUALITY SYMBOLS       | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE   | SCALE   | DESIGN UNITS | THIRD ANGLE PROJECTION |
|  | ▽=0                   | mm INCH  | MM ONLY   | 4:1   | METRIC       |                        |
|  | ▽=0                   | 4 PLACES ± --- ± ---                                 | DRAWN BY DATE   | TITLE   |              |                        |
|  | ▽=0                   | 3 PLACES ± --- ± ---                                 | BPISZCZOR 3/28/06   | I-TRAC BACKPLANE 7 ROW GUIDE RIGHT ASSEMBLY SALES DRAWING |              |                        |
|  | 2 PLACES ± 0.13 ± --- | CHECKED BY DATE                                      | molex   |   |              |                        |
|  | 1 PLACE ± 0.25 ± ---  | JLAURX 2007/02/06                                    | DOCUMENT NO. SD-76015-004   |   |              |                        |
|  | 0 PLACE ± ±           | APPROVED BY DATE                                     | SHEET NO. 3 OF 4  |   |              |                        |
|  |                       | CBIXLER 2007/02/06                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |              |                        |
|  |                       | MATERIAL NO.   |   |   |              |                        |
|  |                       | ANGULAR ±1/2°  |   |   |              |                        |
|  |                       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   |   |              |                        |



| 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 |

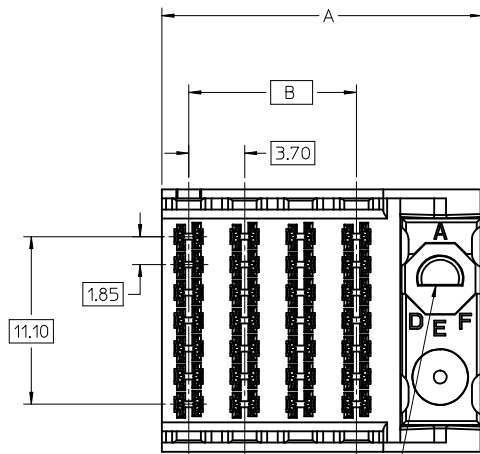


NOTES:

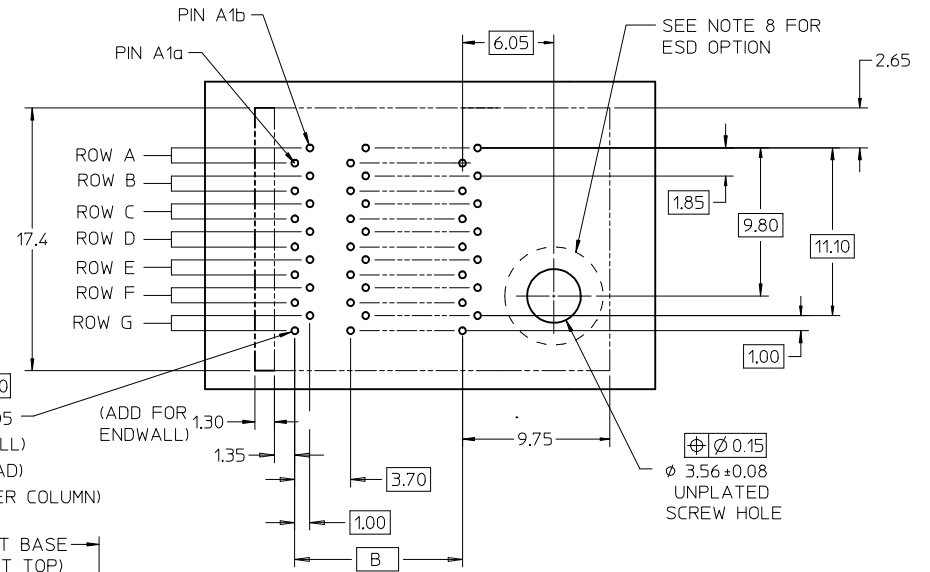
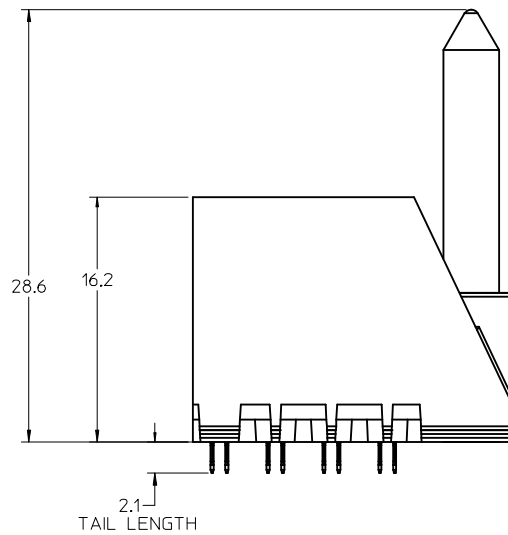


- NEAR SIDE GROUNDS
- FAR SIDE GROUNDS

|  |  |  |   |   |  |  |
|--|--|--|---|---|--|--|
| SEE SHEET 1<br>EC NO: UCP2013-1898<br>DRWN:MP0FF 2012/11/12<br>CHKD:MMOLFE 2012/11/12<br>APPR:SMILLER 2012/12/21 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0                 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>0 PLACE ± ± | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY DATE<br>BPI SZCZOR 3/28/06<br>CHECKED BY DATE<br>JLAURX 2007/02/06<br>APPROVED BY DATE<br>CBIXLER 2007/02/06 | SCALE<br>4:1<br>DESIGN UNITS<br>METRIC<br>THIRD ANGLE PROJECTION  | TITLE<br>I-TRAC BACKPLANE 7 ROW<br>GUIDE RIGHT ASSEMBLY<br>SALES DRAWING |  |
|  | MATERIAL NO.<br>SEE TABLE                            | DOCUMENT NO.<br>SD-76015-004   | SHEET NO.<br>4 OF 4   |   |  |  |
|  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |
|  | ANGULAR ±1/2°  |  |   | MOLEX   |  |  |
|  | SIZE C   |  |   | MOLEX   |  |  |



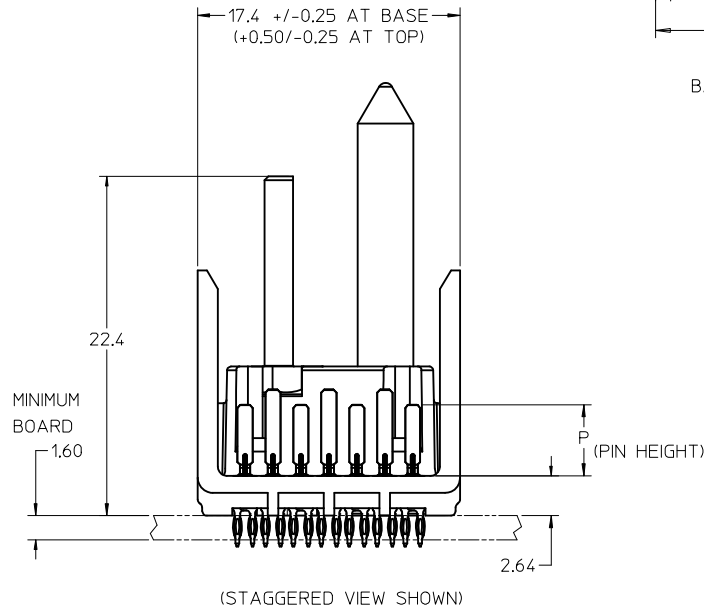
KEY SHOWN IN POSITION "E"



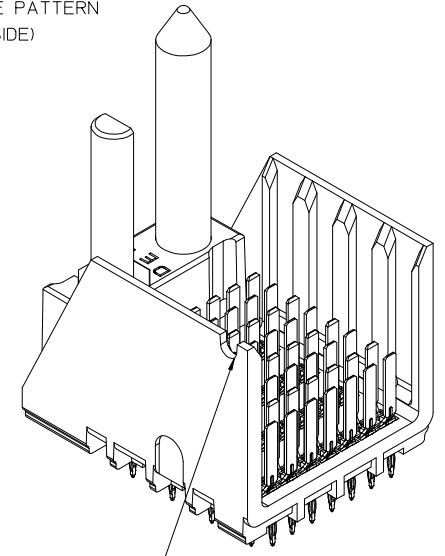
$\varnothing 0.10$   
 $\varnothing 0.46 \pm 0.05$   
 ( $\varnothing 0.57$  DRILL)  
 ( $\varnothing 0.88$  PAD)  
 (14 HOLES PER COLUMN)

$\varnothing 0.15$   
 $\varnothing 3.56 \pm 0.08$   
 UNPLATED  
 SCREW HOLE

BACKPLANE HOLE PATTERN  
 (CONNECTOR SIDE)



(STAGGERED VIEW SHOWN)



NOTCH DESIGNATES  
 ROW A

| <b>LEADFREE CONVERTERS.</b><br>IEC NO: UCP2013-1898<br>DRAWN BY: 2012/11/12<br>CHKD:MMOLFE 2012/11/12<br>APPR:SMILLER 2012/12/21 | QUALITY SYMBOLS<br>$\nabla = 0$<br>$\nabla = 0$<br>$\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td><math>\pm 0.13</math></td> <td><math>\pm 0.005</math></td> </tr> <tr> <td>3 PLACES</td> <td><math>\pm 0.25</math></td> <td><math>\pm 0.010</math></td> </tr> <tr> <td>2 PLACES</td> <td><math>\pm 0.50</math></td> <td><math>\pm 0.020</math></td> </tr> <tr> <td>1 PLACE</td> <td><math>\pm 1.27</math></td> <td><math>\pm 0.050</math></td> </tr> <tr> <td>0 PLACE</td> <td><math>\pm 2.54</math></td> <td><math>\pm 0.100</math></td> </tr> </table> |   | mm | INCH | 4 PLACES | $\pm 0.13$ | $\pm 0.005$ | 3 PLACES | $\pm 0.25$ | $\pm 0.010$ | 2 PLACES | $\pm 0.50$ | $\pm 0.020$ | 1 PLACE | $\pm 1.27$ | $\pm 0.050$ | 0 PLACE | $\pm 2.54$ | $\pm 0.100$ | DIMENSION STYLE<br><b>MM ONLY</b><br>DRAWN BY: BPI SZCZOR<br>DATE: 3/28/06<br>CHECKED BY: JLAURX<br>DATE: 2007/02/06<br>APPROVED BY: CBIXLER<br>DATE: 2007/02/06 | SCALE<br><b>4:1</b> | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |
|--|---|---|---|----|------|----------|------------|-------------|----------|------------|-------------|----------|------------|-------------|---------|------------|-------------|---------|------------|-------------|--|---------------------|-------------------------------|------------------------|
|  |   | mm  | INCH  |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |
|  | 4 PLACES  | $\pm 0.13$  | $\pm 0.005$   |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |
|  | 3 PLACES  | $\pm 0.25$  | $\pm 0.010$   |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |
| 2 PLACES   | $\pm 0.50$  | $\pm 0.020$   |   |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |
| 1 PLACE  | $\pm 1.27$  | $\pm 0.050$   |   |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |
| 0 PLACE  | $\pm 2.54$  | $\pm 0.100$   |   |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |
| MATERIAL NO.<br><b>SEE TABLE</b>   | DOCUMENT NO.<br><b>SD-76015-004</b>                             | SHEET NO.<br><b>1 OF 4</b>  |   |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |   |   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |
| <b>moLEX</b>   |   |   |   |    |      |          |            |             |          |            |             |          |            |             |         |            |             |         |            |             |  |                     |                               |                        |

# 76015-\*\*\*\*

MODULE TYPE -- TAIL PLATING TYPE  
 GUIDE RIGHT -- TIN ONLY = 4 (PREVIOUSLY TIN/LEAD)  
 GUIDE RIGHT -- TIN ONLY = 5  
 GUIDE RIGHT W/END -- TIN ONLY = 8 (PREVIOUSLY TIN/LEAD)  
 GUIDE RIGHT W/END -- TIN ONLY = 9

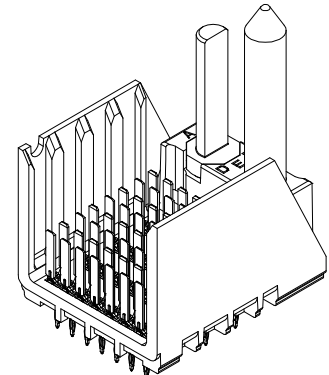
# OF COLUMNS  
 4 = 4 COL  
 6 = 6 COL  
 1 = 10 COL

KEY ORIENTATION  
 0 = NO KEY  
 1 = A  
 2 = B  
 3 = C  
 4 = D  
 5 = E  
 6 = F  
 7 = G  
 8 = H

PIN LENGTH (P)  
 2 = 3.90 - 30 GOLD  
 3 = 4.70 - 30 GOLD  
 4 = 5.70 - 30 GOLD  
 5 = 4.70 & 5.70 - 30 GOLD STAGGERED  
 6 = 3.90 - 10 GOLD  
 7 = 4.70 - 10 GOLD  
 8 = 5.70 - 10 GOLD  
 9 = 4.70 & 5.70 - 10 GOLD STAGGERED

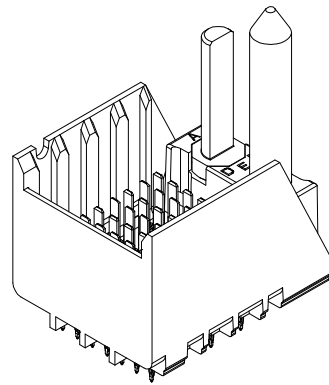
| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|-----------------|--------------|---------|---------|
| 76015-4**       | 4            | 21.1    | 11.10   |
| 76015-6**       | 6            | 28.5    | 18.50   |
| 76015-1**       | 10           | 43.3    | 33.30   |

GUIDE RIGHT STYLE



| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|-----------------|--------------|---------|---------|
| 76015-4**       | 4            | 22.4    | 11.10   |
| 76015-6**       | 6            | 29.8    | 18.50   |
| 76015-1**       | 10           | 44.6    | 33.30   |

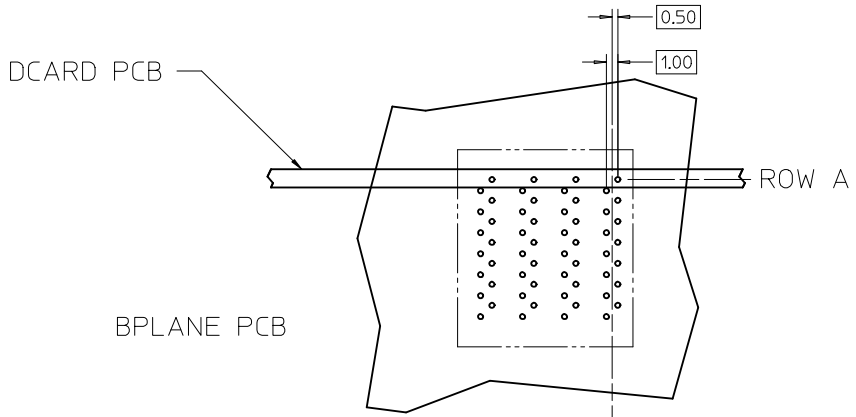
GUIDE RIGHT W/END STYLE



NOTES:

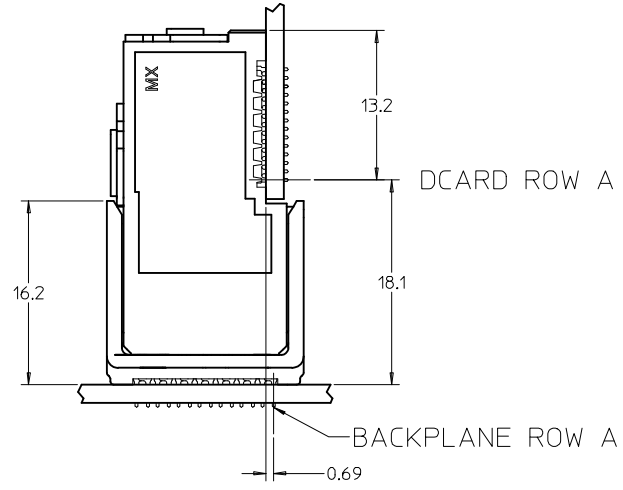
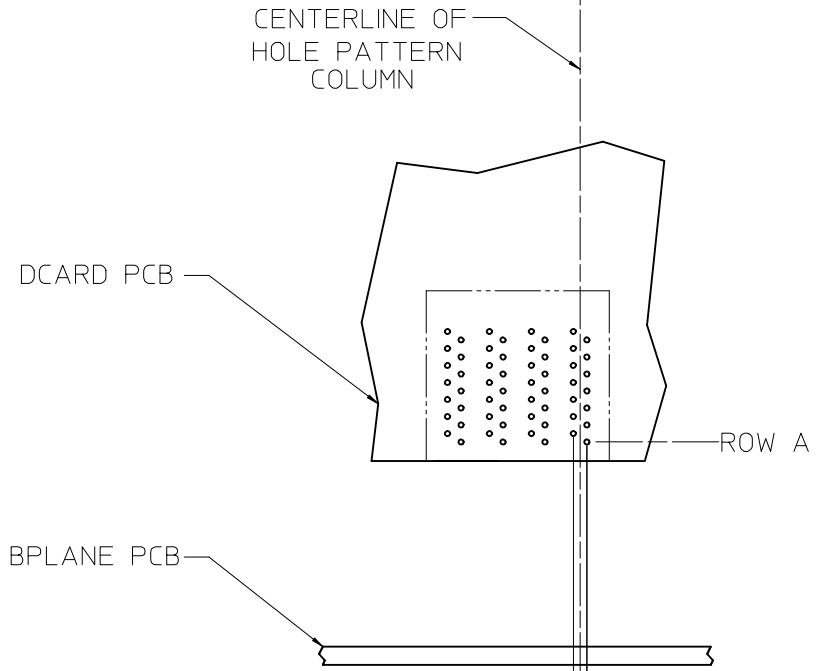
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0  
 TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 10 MICROINCH MINIMUM GOLD OR 30 MICROINCH MINIMUM GOLD IN CONTACT AREA. SELECTIVE MATTE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-75710-999 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-70873-802.
7. GUIDED PARTS TO BE SHIPPED WITH 2-56 UNC B SCREW P/N 73774-1000.
8. FOR GROUNDED GUIDE PINS USE DIA 3.56 +/-0.08 (PTH), DIA 3.66 (DRILL), AND DIA 6.5 (PAD).
9. REFER TO PCB ROUTING GUIDE FOR ANTI-PAD AND ROUTING RECOMMENDATIONS.

|   |                                      |  |                      |                                   |   |              |                         |                        |  |
|---|--------------------------------------|--|----------------------|-----------------------------------|---|--------------|-------------------------|------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2013-1898<br>DRWN:MP0FF 2012/11/12<br>CHKD:HWOLF 2012/11/12<br>APPR:SMILLER 2012/12/21 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |                      | DIMENSION STYLE<br><b>MM ONLY</b> |   | SCALE<br>4:1 | DESIGN UNITS<br>METRIC  | THIRD ANGLE PROJECTION |  |
|   |                                      | 4 PLACES ± --- ± ---                                 | 3 PLACES ± --- ± --- | 2 PLACES ± 0.13 ± ---             | 1 PLACE ± 0.25 ± ---  | 0 PLACE ± ±  | DRAWN BY<br>BPISZCZOR   | DATE<br>3/28/06        | I-TRAC BACKPLANE 7 ROW<br>GUIDE RIGHT ASSEMBLY<br>SALES DRAWING<br><b>molex</b><br>DOCUMENT NO.<br>SD-76015-004<br>SHEET NO.<br>2 OF 4 |
|   |                                      | ANGULAR ±1/2°  |                      |                                   |   |              | CHECKED BY<br>JL AURX   | DATE<br>2007/02/06     |  |
|   |                                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                      |                                   |   |              | APPROVED BY<br>CB IXLER | DATE<br>2007/02/06     |  |
| MATERIAL NO.<br>SEE TABLE   |                                      |  |                      |                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                         |                        |  |

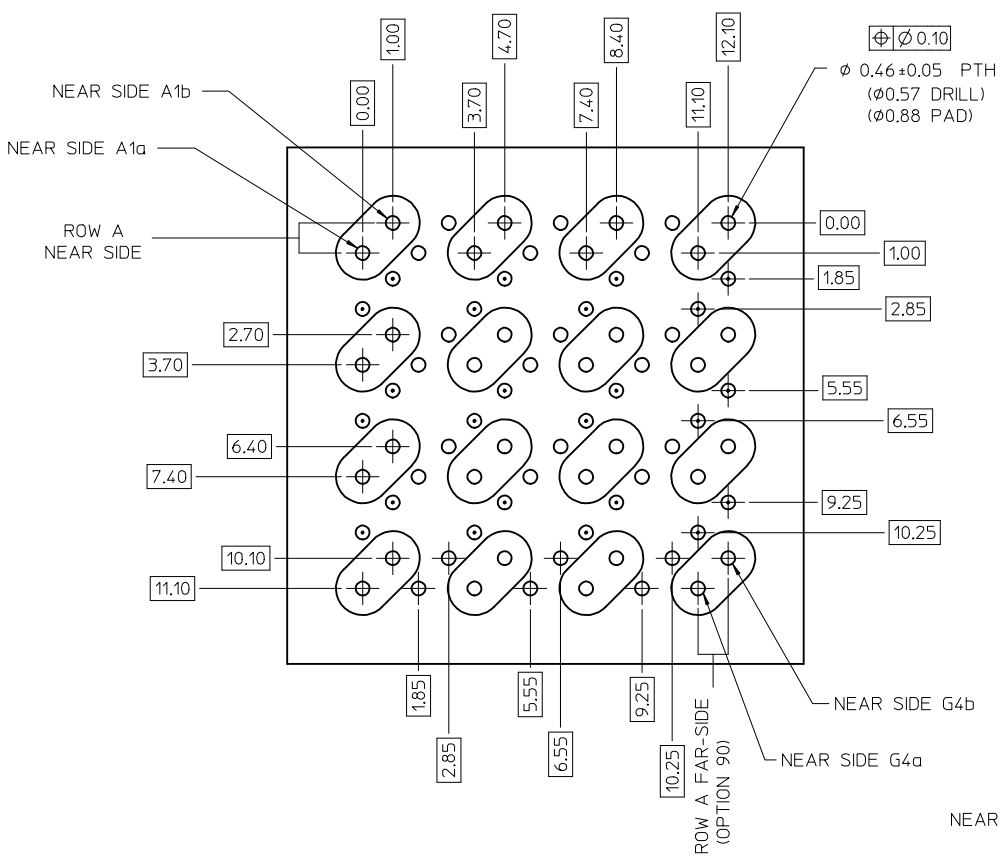


7 ROW I-TRAC BOARD RELATIONSHIPS

SCALE 2:1



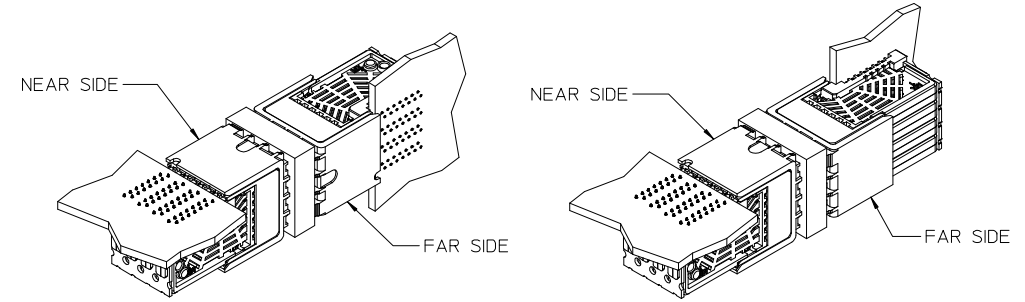
|  |                       |  |                   |   |   |                        |
|--|-----------------------|--|-------------------|---|---|------------------------|
| SEE SHEET 1<br>EC NO: UCP2013-1898<br>DRAWN: MPOFF 2012/11/12<br>CHKD: MWOLFE 2012/11/12<br>APPR: SMILLER 2012/12/21 | QUALITY SYMBOLS       | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE   | SCALE   | DESIGN UNITS  | THIRD ANGLE PROJECTION |
|  | ▽=0                   | mm INCH  | MM ONLY           | 4:1   | METRIC  |                        |
|  | ▽=0                   | 4 PLACES ± --- ± ---                                 | DRAWN BY DATE     | TITLE   | I-TRAC BACKPLANE 7 ROW GUIDE RIGHT ASSEMBLY SALES DRAWING |                        |
|  | ▽=0                   | 3 PLACES ± --- ± ---                                 | BPISZCZOR 3/28/06 | 3/28/06   | molex   |                        |
|  | 2 PLACES ± 0.13 ± --- | CHECKED BY DATE                                      |                   | DOCUMENT NO. SD-76015-004   |   | SHEET NO. 3 OF 4       |
|  | 1 PLACE ± 0.25 ± ---  | JLAURX 2007/02/06                                    |                   |   |   |                        |
|  | 0 PLACE ± ±           | APPROVED BY DATE                                     |                   |   |   |                        |
|  |                       | CBIXLER 2007/02/06                                   |                   |   |   |                        |
|  |                       | MATERIAL NO.   | SEE TABLE         |   |   |                        |
|  |                       | ANGULAR ±1/2°  |                   |   |   |                        |
|  |                       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                   |   |   |                        |
|  |                       |  | SIZE C            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                        |



Orthogonal PCB Layout

| 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 |



OPTION 90

OPTION 270

NOTES:



SIGNAL PAIRS (SHARED VIAS)

○ NEAR SIDE GROUNDS

○ FAR SIDE GROUNDS

|   |  |                                       |                      |                 |                    |   |                        |  |  |
|---|--|---------------------------------------|----------------------|-----------------|--------------------|---|------------------------|--|--|
| SEE SHEET 1<br>EC NO: UCP2013-1898<br>DRWN:MP0FF 2012/11/12<br>CHKD:MMOLFE 2012/11/12<br>APPR:SMILLER 2012/12/21              | QUALITY SYMBOLS                                      | GENERAL TOLERANCES (UNLESS SPECIFIED) |                      | DIMENSION STYLE | SCALE              | DESIGN UNITS  | THIRD ANGLE PROJECTION |  |  |
|   | ▽=0  | mm                                    | INCH                 | MM ONLY         | 4:1                | METRIC  |                        |  |  |
|   | ▽=0  | 4 PLACES ± --- ± ---                  | 3 PLACES ± --- ± --- | DRAWN BY DATE   | TITLE              |   |                        |  |  |
|   | ▽=0  | 2 PLACES ± 0.13 ± ---                 | 1 PLACE ± 0.25 ± --- | 0 PLACE ± ±     | BPI SZCZOR 3/28/06 | I-TRAC BACKPLANE 7 ROW GUIDE RIGHT ASSEMBLY SALES DRAWING |                        |  |  |
|   | ▽=0  | ANGULAR ±1/2°                         |                      | CHECKED BY DATE | DOCUMENT NO.       |   |                        |  |  |
| REVISION  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                       | APPROVED BY DATE     | MATERIAL NO.    |                    | SHEET NO.   |                        |  |  |
| G   | SIZE C   |                                       | CB IXLER 2007/02/06  | SEE TABLE       |                    | SD-76015-004  |                        |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                       |                      |                 |                    |   |                        |  |  |