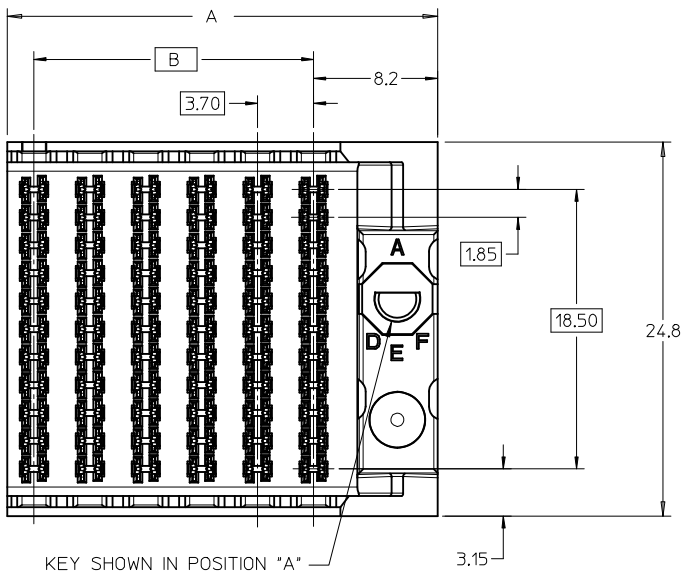
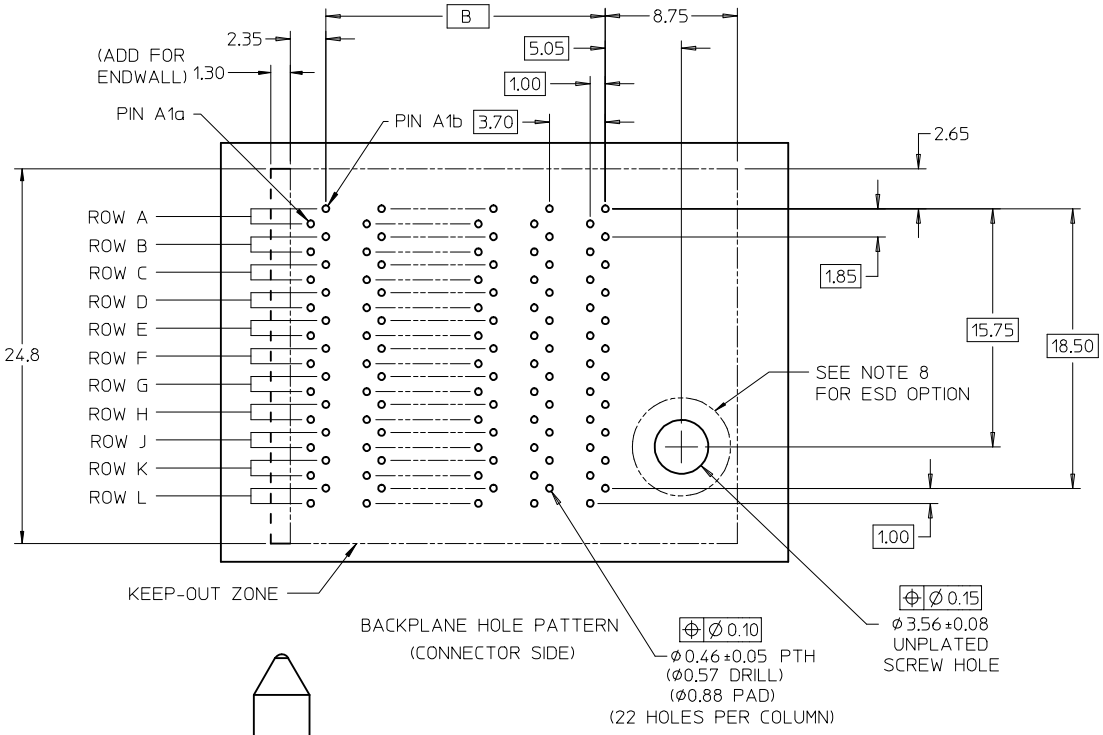
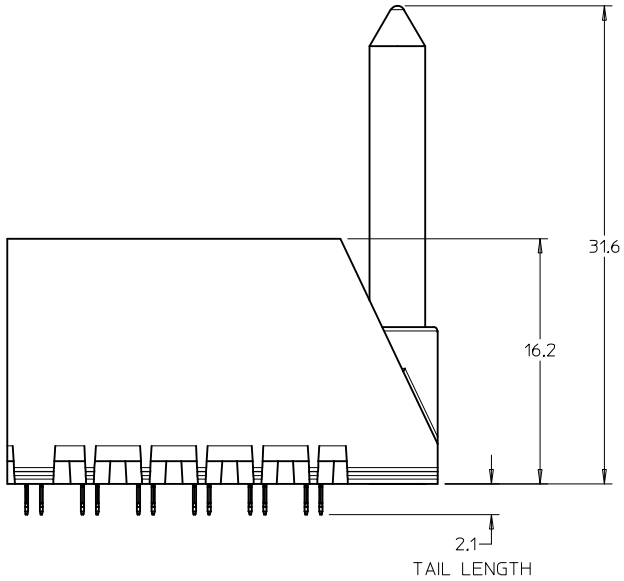
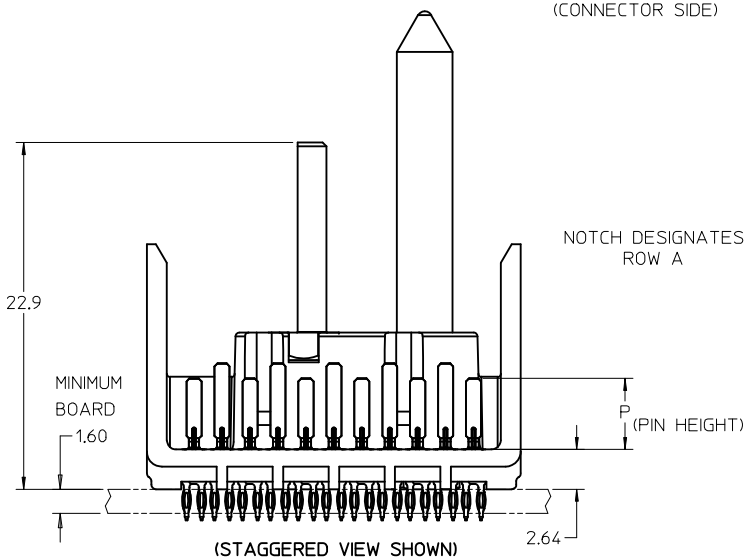
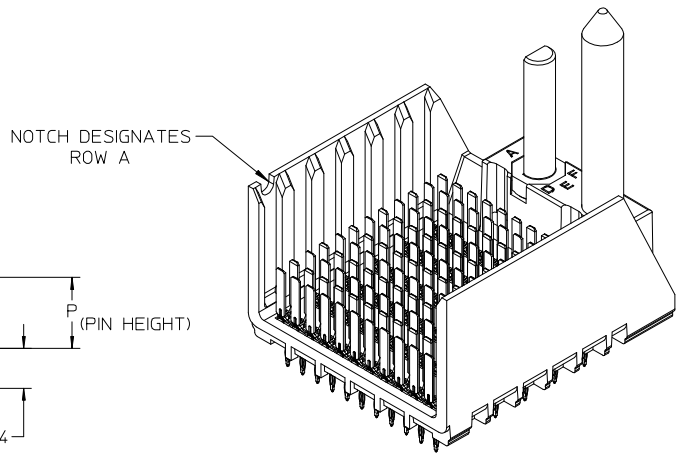



LEADFREE CONVERS.
EC NO: UCP2013-1898 2012/11/12
DRWN:MPOFF 2012/11/12
CH'KD:MMOLFE 2012/12/21
APPR:SMILLER 2012/12/21
DESCRIPTION
REV E

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| 0 PLACE | ± | ± |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | JLAURX | 2/21/05 |
| CHECKED BY | BPISZCZOR | 6/02/06 |
| APPROVED BY | CBIXLER | 6/02/06 |

TITLE: I-TRAC BACKPLANE HEADER GUIDE RIGHT ASSEMBLY SALES DRAWING

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-75705-004
SHEET NO.: 1 OF 4
SIZE: C

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

# 75705-****

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

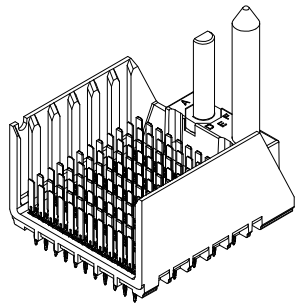
# OF COLUMNS
- 5 = 5 COL
- 6 = 6 COL
- 8 = 8 COL
- 1 = 10 COL

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

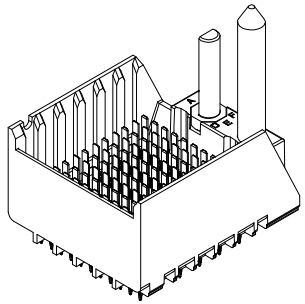
| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|---|---|---|---|
| 75705-*5** | 5 | 24.8 | 14.80 |
| 75705-*6** | 6 | 28.5 | 18.50 |
| 75705-*8** | 8 | 35.9 | 25.90 |
| 75705-*1** | 10 | 43.3 | 33.30 |

GUIDE RIGHT STYLE



| MATERIAL NUMBER | # OF COLUMNS | DIM "A" | DIM "B" |
|---|---|---|---|
| 75705-*5** | 5 | 26.1 | 14.80 |
| 75705-*6** | 6 | 29.8 | 18.50 |
| 75705-*8** | 8 | 37.2 | 25.90 |
| 75705-*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 AVAILABLITY.
5. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
6. PACKAGE PER: PK-70873-587.
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 ANTIPAD AND ROUTING RECOMMENDATIONS.

SEE SHEET 1
EC NO: UCP2013-1898 2012/11/12
DRWN:MPOFF 2012/11/12
CH'KD:MMOLFE 2012/12/21
APPR:SMILLER
DESCRIPTION
REV
E

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| 0 PLACE | ± | ± |

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

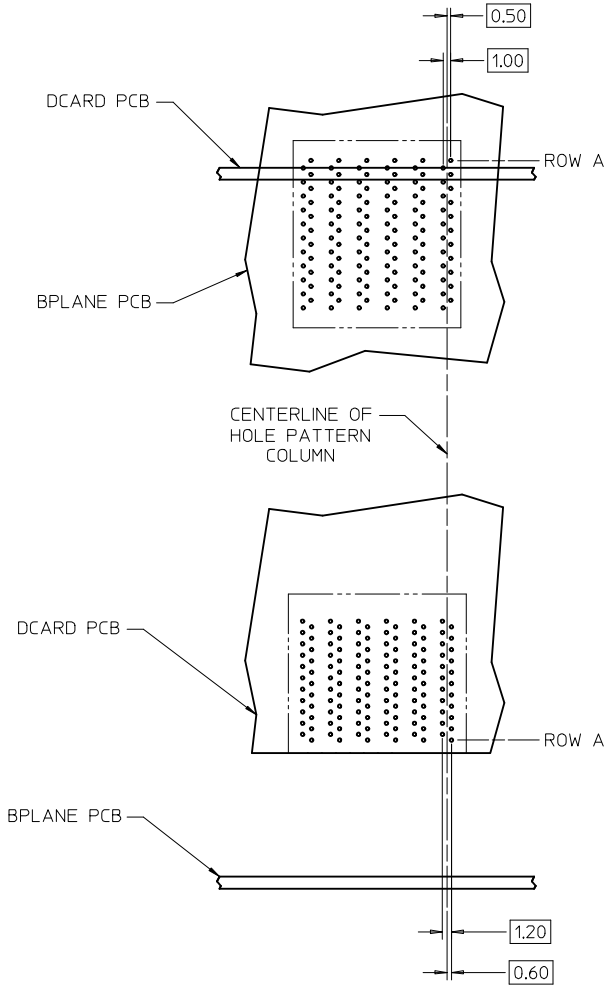
| | | DATE |
|---|---|---|
| DRAWN BY | JLAURX | 2/21/05 |
| CHECKED BY | BPISZCZOR | 6/02/06 |
| APPROVED BY | CBIXLER | 6/02/06 |

TITLE: I-TRAC BACKPLANE HEADER GUIDE RIGHT ASSEMBLY SALES DRAWING

molex

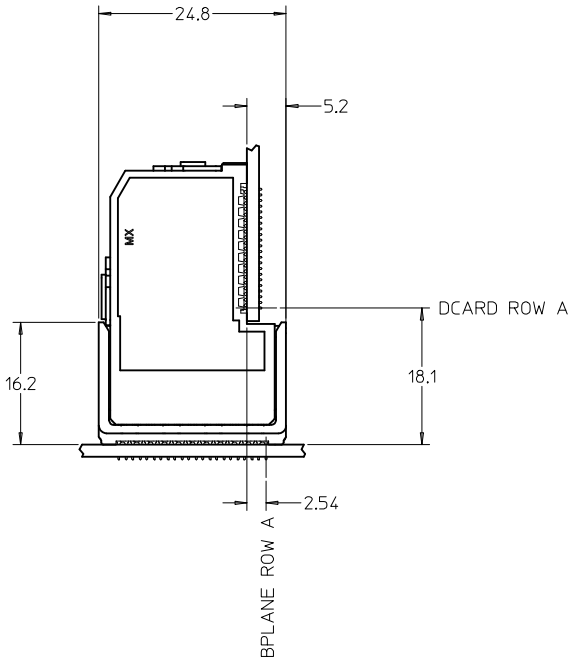
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-75705-004
SHEET NO.: 2 OF 4
SIZE: C

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




## I-TRAC 11 ROW BOARD RELATIONSHIPS

SCALE 2:1




SEE SHEET 1
EC NO: UCP2013-1898 2012/11/12
DRWN:MPOFF 2012/11/12
CH'KD:MWOLFE 2012/12/21
APPR:SMILLER
DESCRIPTION
REV

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| 0 PLACE | ± | ± |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

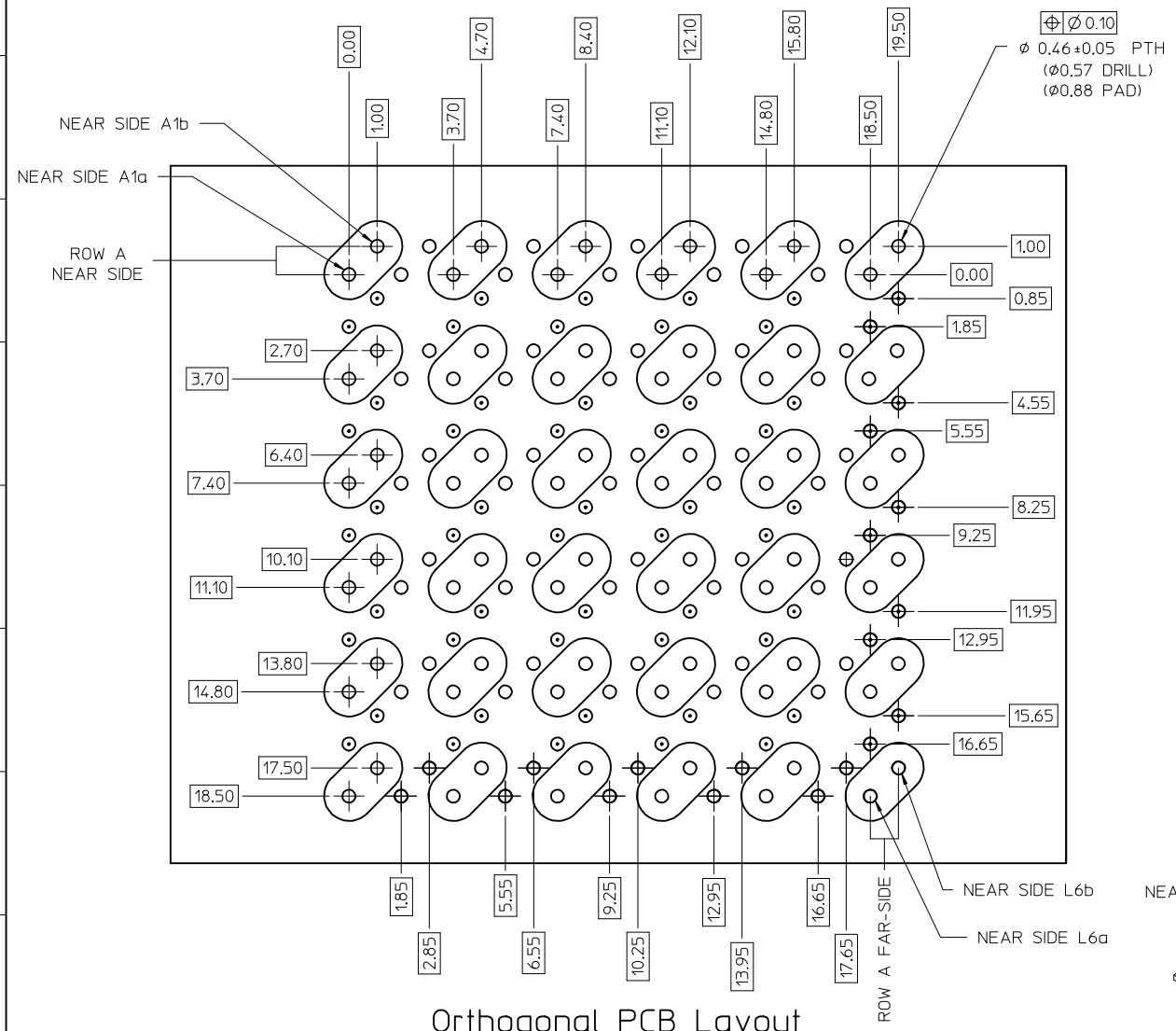
DRAWN BY: JLAURX DATE: 2/21/05
CHECKED BY: BPISZCZOR DATE: 6/02/06
APPROVED BY: CBIXLER DATE: 6/02/06

TITLE: I-TRAC BACKPLANE HEADER GUIDE RIGHT ASSEMBLY SALES DRAWING

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-75705-004
SHEET NO.: 3 OF 4
SIZE: C

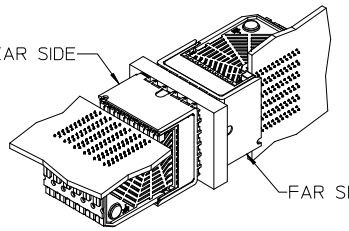
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



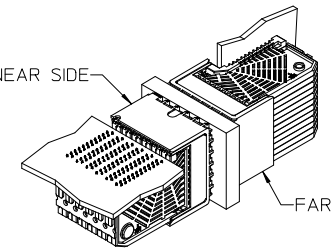

Orthogonal PCB Layout

| ORTHO PIN MAPPING | | | | | |
|---|---|---|---|---|---|
| OPTION 90 (NEAR SIDE - FAR SIDE) | | | | | |
| A1b-L6b | A2b-J6b | A3b-G6b | A4b-E6b | A5b-C6b | A6b-A6b |
| A1a-L6a | A2a-J6a | A3a-G6a | A4a-E6a | A5a-C6a | A6a-A6a |
| C1b-L5b | C2b-J5b | C3b-G5b | C4b-E5b | C5b-C5b | C6b-A5b |
| C1a-L5a | C2a-J5a | C3a-G5a | C4a-E5a | C5a-C5a | C6a-A5a |
| E1b-L4b | E2b-J4b | E3b-G4b | E4b-E4b | E5b-C4b | E6b-A4b |
| E1a-L4a | E2a-J4a | E3a-G4a | E4a-E4a | E5a-C4a | E6a-A4a |
| G1b-L3b | G2b-J3b | G3b-G3b | G4b-E3b | G5b-C3b | G6b-A3b |
| G1a-L3a | G2a-J3a | G3a-G3a | G4a-E3a | G5a-C3a | G6a-A3a |
| J1b-L2b | J2b-J2b | J3b-G2b | J4b-E2b | J5b-C2b | J6b-A2b |
| J1a-L2a | J2a-J2a | J3a-G2a | J4a-E2a | J5a-C2a | J6a-A2a |
| L1b-L1b | L2b-J1b | L3b-G1b | L4b-E1b | L5b-C1b | L6b-A1b |
| L1a-L1a | L2a-J1a | L3a-G1a | L4a-E1a | L5a-C1a | L6a-A1a |

| ORTHO PIN MAPPING | | | | | |
|---|---|---|---|---|---|
| OPTION 270 (NEAR SIDE - FAR SIDE) | | | | | |
| A1b-A1a | A2b-C1a | A3b-E1a | A4b-G1a | A5b-J1a | A6b-L1a |
| A1a-A1b | A2a-C1b | A3a-E1b | A4a-G1b | A5a-J1b | A6a-L1b |
| C1b-A2a | C2b-C2a | C3b-E2a | C4b-G2a | C5b-J2a | C6b-L2a |
| C1a-A2b | C2a-C2b | C3a-E2b | C4a-G2b | C5a-J2b | C6a-L2b |
| E1b-A3a | E2b-C3a | E3b-E3a | E4b-G3a | E5b-J3a | E6b-L3a |
| E1a-A3b | E2a-C3b | E3a-E3b | E4a-G3b | E5a-J3b | E6a-L3b |
| G1b-A4a | G2b-C4a | G3b-E4a | G4b-G4a | G5b-J4a | G6b-L4a |
| G1a-A4b | G2a-C4b | G3a-E4b | G4a-G4b | G5a-J4b | G6a-L4b |
| J1b-A5a | J2b-C5a | J3b-E5a | J4b-G5a | J5b-J5a | J6b-L5a |
| J1a-A5b | J2a-C5b | J3a-E5b | J4a-G5b | J5a-J5b | J6a-L5b |
| L1b-A6a | L2b-C6a | L3b-E6a | L4b-G6a | L5b-J6a | L6b-L6a |
| L1a-A6b | L2a-C6b | L3a-E6b | L4a-G6b | L5a-J6b | L6a-L6b |




OPTION 90




OPTION 270

NOTES:

SIGNAL PAIRS (SHARED VIAS)

⊙ NEAR SIDE GROUNDS

○ FAR SIDE GROUNDS

SEE SHEET 1
EC NO: UCP2013-1898 2012/11/12
DRWN:MPOFF 2012/11/12
CH'KD:MWOLFE 2012/12/21
APPR:SMILLER
DESCRIPTION
REV

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| 0 PLACE | ± | ± |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

| | | |
|---|---|---|
| DRAWN BY | JLAURX | DATE 2/21/05 |
| CHECKED BY | BPISZCZOR | DATE 6/02/06 |
| APPROVED BY | CBIXLER | DATE 6/02/06 |

TITLE: I-TRAC BACKPLANE HEADER GUIDE RIGHT ASSEMBLY SALES DRAWING

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-75705-004
SHEET NO.: 4 OF 4
SIZE: C

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