

75705-****

MODULE TYPE -- TAIL PLATING TYPE

UNGUIDED -- TIN/LEAD = 0

UNGUIDED -- TIN ONLY = 1

PIN LENGTH (P)

2 = 3.90

3 = 4.70

4 = 5.70

5 = 4.70 & 5.70
STAGGERED

END WALL OPTIONS

0 = OPEN ENDS

1 = LEFT END WALL

2 = DUAL END WALL

3 = RIGHT END WALL

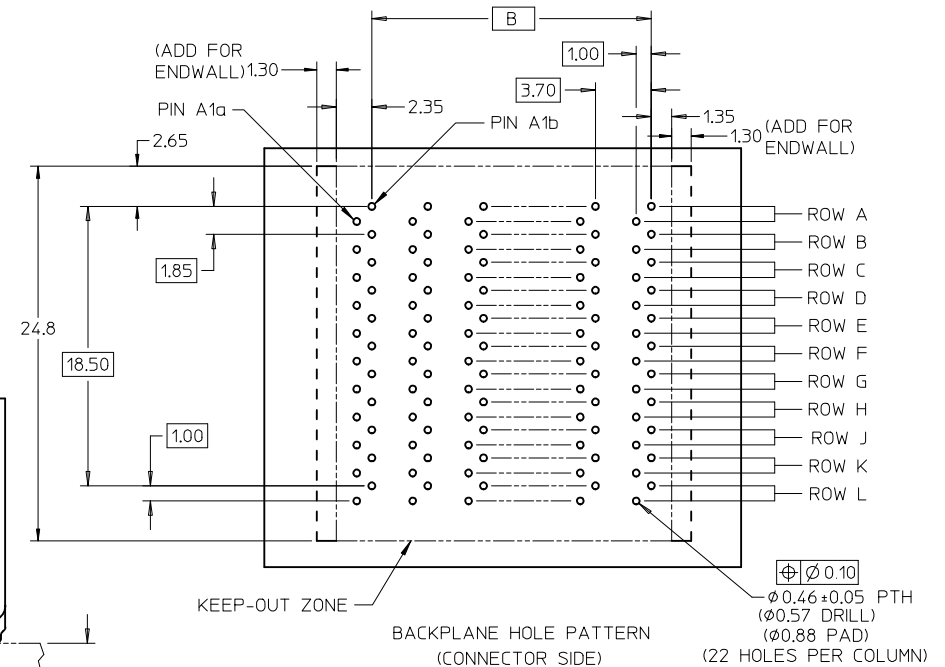
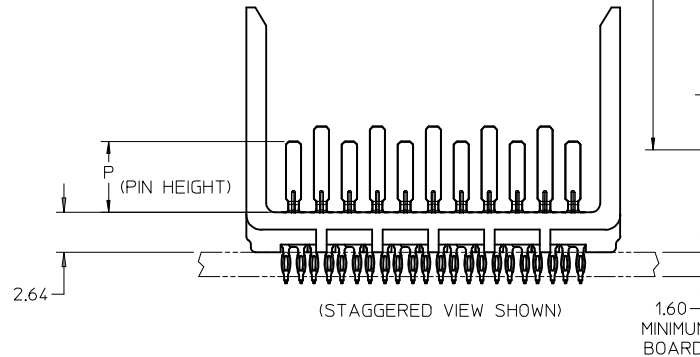
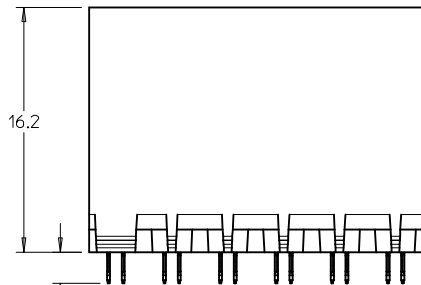
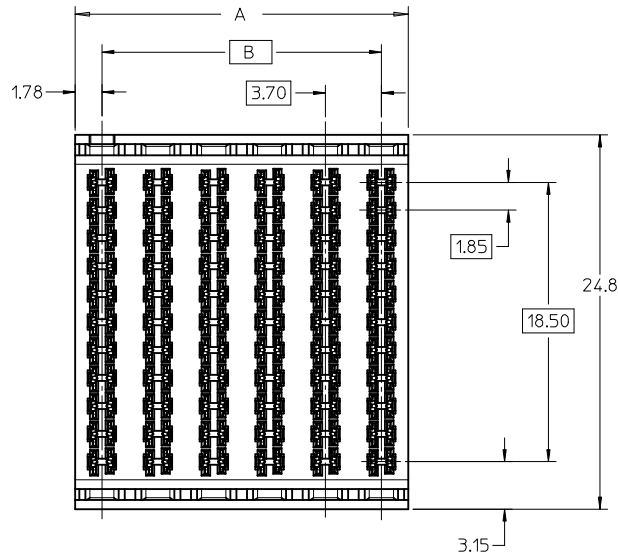
OF COLUMNS

5 = 5 COL

6 = 6 COL

8 = 8 COL

1 = 10 COL



NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN 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
MOLEX COSMETIC SPEC PS-45499-002.
6. PACKAGE PER: PK-70873-587.
7. REFER TO PCB ROUTING GUIDE FOR ANTIPAD
AND ROUTING RECOMMENDATIONS.

REVISE SHEETS 3 & 4
EC NO: UCP2009-2507
DRWN: STEWART 2009/04/16
CHKD: JB INGHAM 2009/04/17
APPR: JB INGHAM 2009/04/17

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

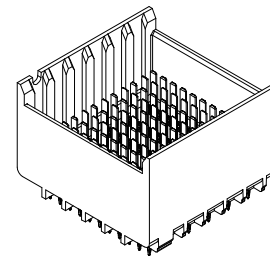
DIMENSION STYLE
MM ONLY
DRAWN BY
JLAURX
DATE
1/28/05
CHECKED BY
BPISZCZOR
DATE
6/02/06
APPROVED BY
CBIXLER
DATE
6/02/06
MATERIAL NO.
SEE CHART
SIZE
C

SCALE
4:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
TITLE
I-TRAC BACKPLANE HEADER
UNGUIDED ASSEMBLY
SALES DRAWING
MOLEX INCORPORATED
DOCUMENT NO.
SD-75705-001
SHEET NO.
1 OF 4

13 12 11 10 9 8 7 6 5 4 3 2 1

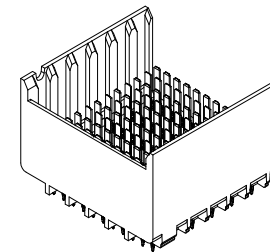
MATERIAL NUMBER	# OF COLUMNS	DIM "A"	DIM "B"
75705-*52*	5	21.0	14.80
75705-*62*	6	24.7	18.50
75705-*82*	8	32.1	25.90
75705-*12*	10	39.5	33.30

DUAL END WALL STYLE



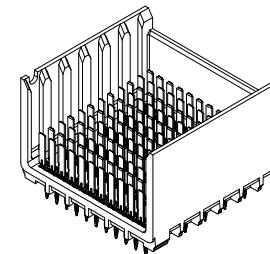
MATERIAL NUMBER	# OF COLUMNS	DIM "A"	DIM "B"
75705-*51*	5	19.7	14.80
75705-*61*	6	23.4	18.50
75705-*81*	8	30.8	25.90
75705-*11*	10	38.2	33.30

LEFT END WALL STYLE



MATERIAL NUMBER	# OF COLUMNS	DIM "A"	DIM "B"
75705-*53*	5	19.7	14.80
75705-*63*	6	23.4	18.50
75705-*83*	8	30.8	25.90
75705-*13*	10	38.2	33.30

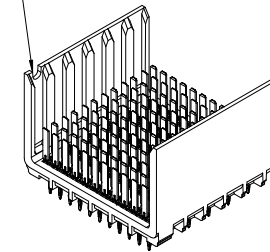
RIGHT END WALL STYLE



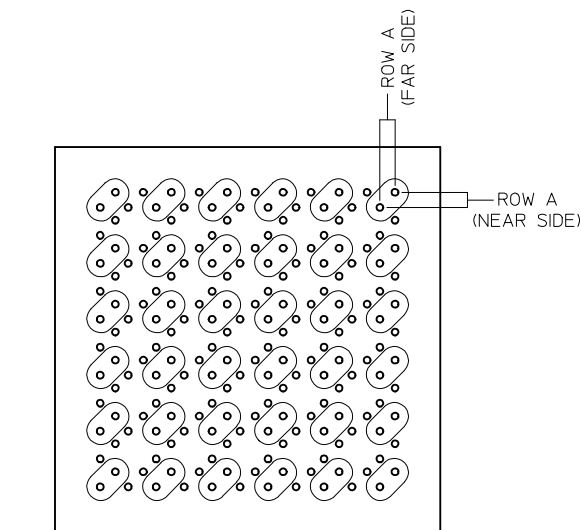
MATERIAL NUMBER	# OF COLUMNS	DIM "A"	DIM "B"
75705-*50*	5	18.35	14.80
75705-*60*	6	22.05	18.50
75705-*80*	8	29.45	25.90
75705-*10*	10	36.85	33.30

OPEN STYLE

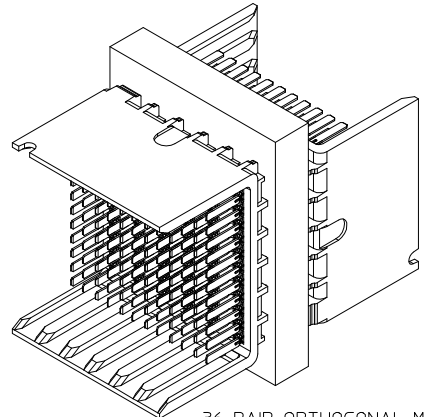
NOTCH DESIGNATES
ROW A



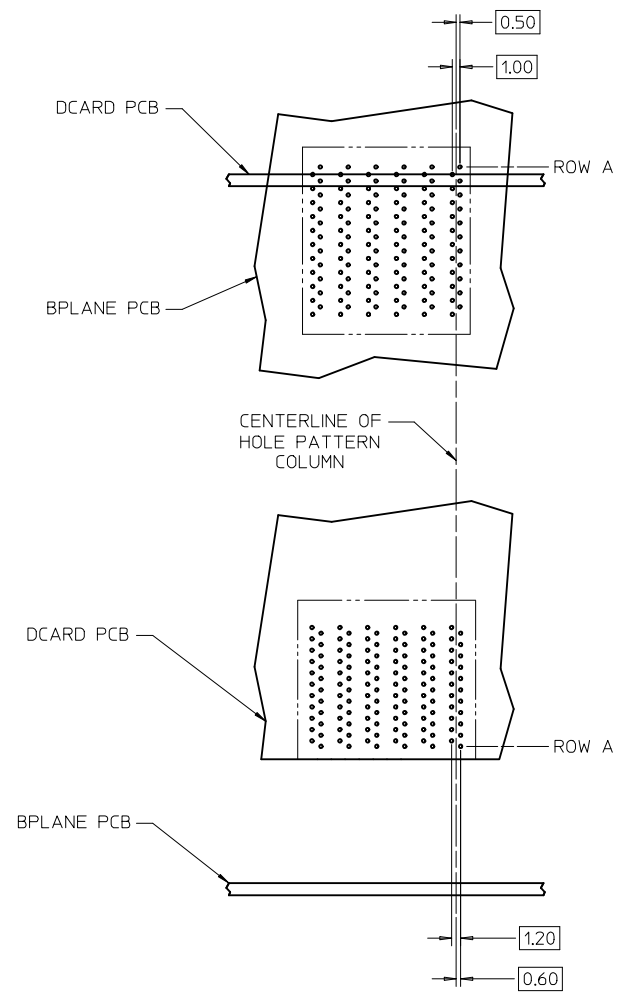
SEE SHEET ONE EC NO: UCP2009-2507 DRAWN: STEWART 2009/04/16 CHKD: BINGHAM 2009/04/17 APPR: BINGHAM 2009/04/17	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY JLAURX	DATE 1/28/05	TITLE I-TRAC BACKPLANE HEADER UNGUIDED ASSEMBLY SALES DRAWING					
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	CHECKED BY BPISZCZOR	DATE 6/02/06	MOLEX INCORPORATED				
		ANGULAR ± 1/2°			APPROVED BY CBIXLER		DATE 6/02/06	DOCUMENT NO. SD-75705-001				
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					SHEET NO. 2 OF 4		



ORTHOGONAL MIDPLANE HOLE PATTERN
(36 SIGNAL PAIRS SHARE VIAS)

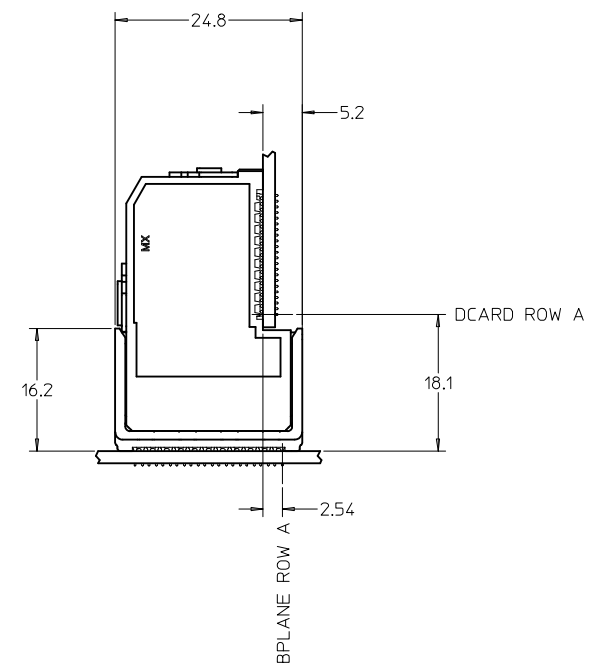


36 PAIR ORTHOGONAL MIDPLANE NODE
(USES TWO 6 COLUMN I-TRAC HEADERS)

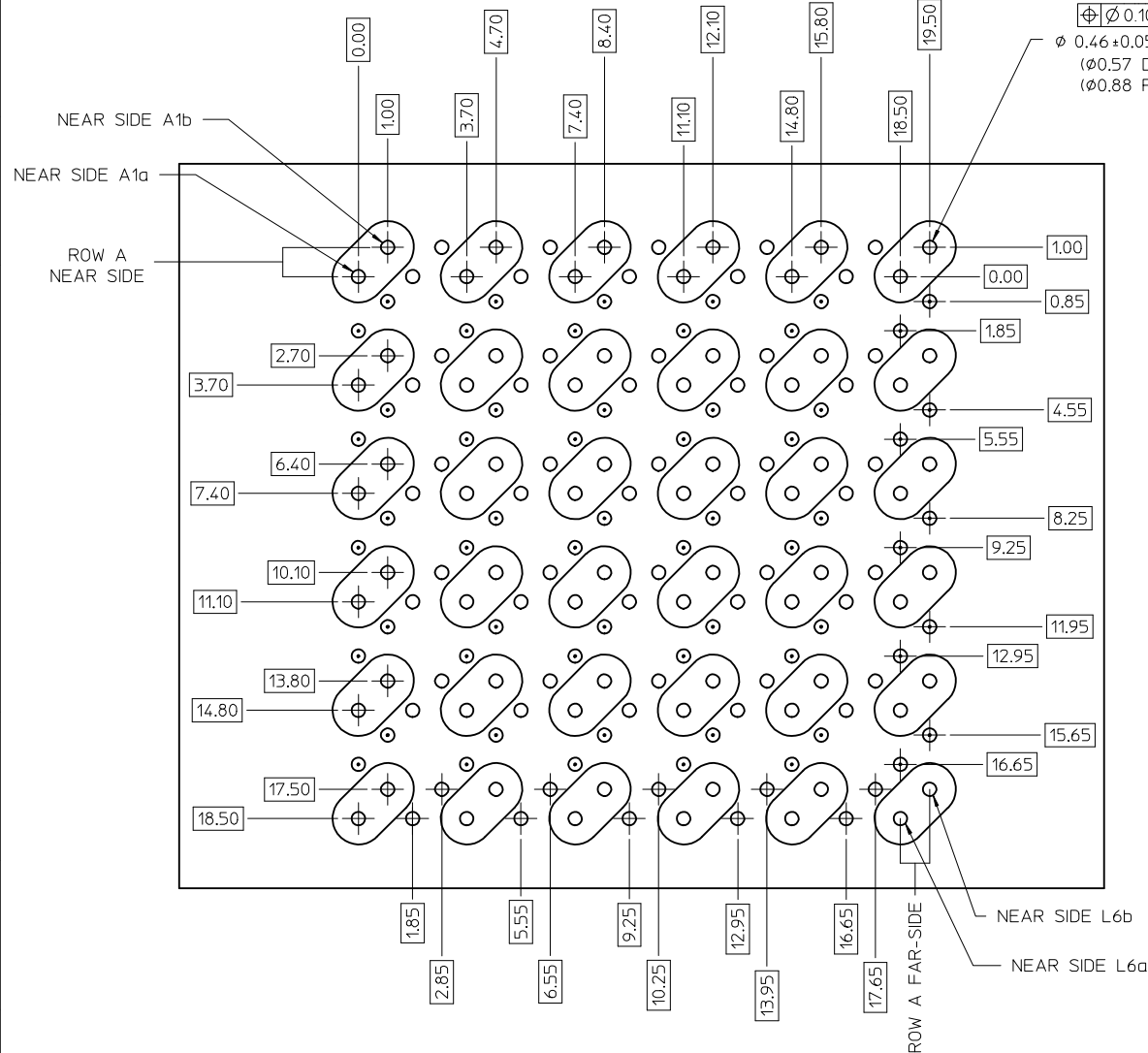


I-TRAC 11 ROW BOARD RELATIONSHIPS

SCALE 2:1



REV ORTHO HOLE PATTERN EC NO: UCP2009-2507 DRWN: STEWART 2009/04/16 CHKD: J.B INGHAM 2009/04/17 APPR: J.B INGHAM 2009/04/17	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY JLAURX	DATE 1/28/05	TITLE I-TRAC BACKPLANE HEADER UNGUIDED ASSEMBLY SALES DRAWING			
			4 PLACES ± ---	± ---	CHECKED BY BPISZCZOR	DATE 6/02/06				
			3 PLACES ± ---	± ---	APPROVED BY CBIXLER		DATE 6/02/06		MOLEX MOLEX INCORPORATED	
			2 PLACES ± 0.13	± ---						
			1 PLACE ± 0.25	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75705-001		SHEET NO. 3 OF 4	
			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							



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

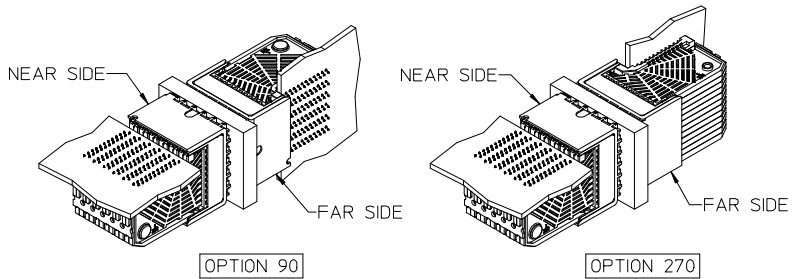
NOTES:

SIGNAL PAIRS (SHARED VIAS)

○ NEAR SIDE GROUNDS

○ FAR SIDE GROUNDS

Orthogonal PCB Layout



REV ORTHO PCB LAYOUT EC NO: UCP2009-2507 DRAWN: STEWART 2009/04/16 CHKD: J. INGHAM 2009/04/17 APPR: J. INGHAM 2009/04/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY JLAURX	DATE 1/28/05	TITLE I-TRAC BACKPLANE HEADER UNGUIDED ASSEMBLY SALES DRAWING			
		4 PLACES ± ---	± ---	CHECKED BY BPISZCZOR	DATE 6/02/06	MOLEX INCORPORATED			
		3 PLACES ± ---	± ---	APPROVED BY CBIXLER	DATE 6/02/06				
		ANGULAR ± 1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75705-001		SHEET NO. 4 OF 4	
		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			