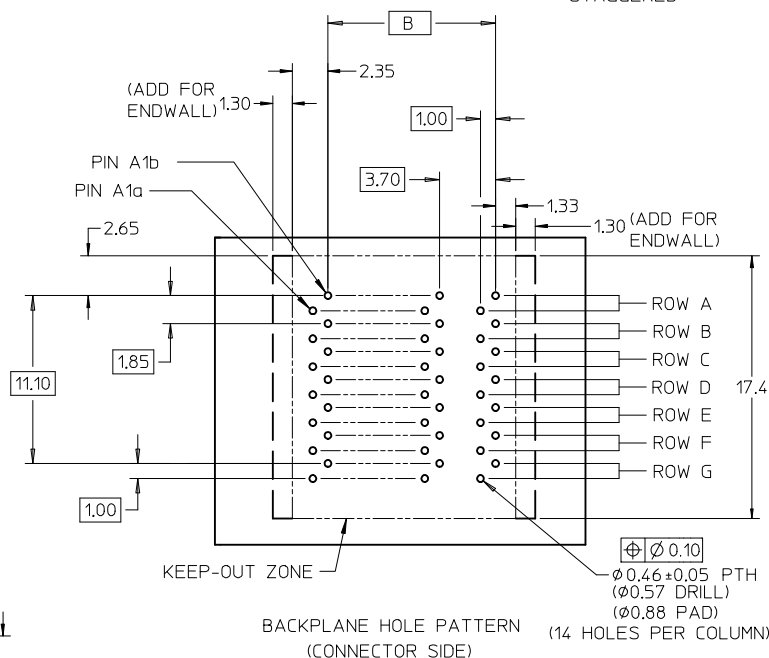
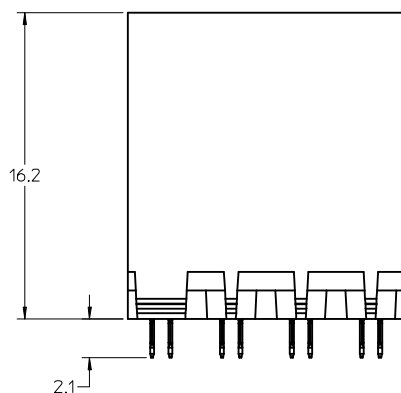




1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 10 MICROINCH MINIMUM GOLD OR 30 MICROINCH MINIMUM GOLD
IN CONTACT AREA, SELECTIVE MATTE TIN ON PCB TAILS,
NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-75710-999
FOR PERFORMANCE SPECIFICATIONS.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT MOLEX
FOR AVAILABILITY.
5. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002
6. PACKAGE PER: PK-70873-802.
7. REFER TO PCB ROUTING GUIDE FOR ANTIPAD AND
ROUTING RECOMMENDATIONS.

— 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

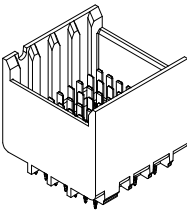
9 = 4.70 & 5.70 - 10 GOLD

STAGGERED

LEADFREE CONVERS.	EC NO: UCP2013-1898	2012/11/12	2012/11/12	2012/11/12	QUALITY SYMBOLS F = 0 E = 0 F = 0	DESCRIPTION THYRANPOFF CHYKDWOLFE APPR: SKILLER	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			DRAWN BY DATE BPISZCZOR 2007/01/25					TITLE I-TRAC BACKPLANE 7 ROW UNGUIDED ASSEMBLY SALES DRAWING						
			CHECKED BY DATE JLAURX 2007/02/06											
			APPROVED BY DATE CBIXLER 2007/02/06											
			MATERIAL NO.					DOCUMENT NO.		SHEET NO.				
			SEE TABLE					SD-76015-001		1 OF 4				
			SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

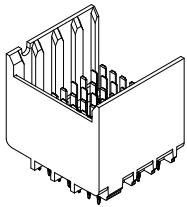
MATERIAL NUMBER	# OF COLUMNS	DIM "A"	DIM "B"
76015- *42*	4	17.3	11.10
76015- *62*	6	24.7	18.50
76015- *12*	10	39.5	33.30

DUAL END STYLE



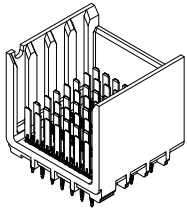
MATERIAL NUMBER	# OF COLUMNS	DIM "A"	DIM "B"
76015- *41*	4	16.0	11.10
76015- *61*	6	23.4	18.50
76015- *11*	10	38.2	33.30

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

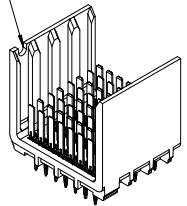
RIGHT END STYLE



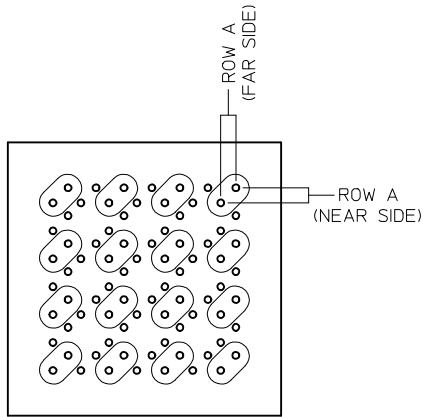
MATERIAL NUMBER	# OF COLUMNS	DIM "A"	DIM "B"
76015- *40*	4	14.7	11.10
76015- *60*	6	22.1	18.50
76015- *10*	10	36.9	33.30

OPEN END STYLE

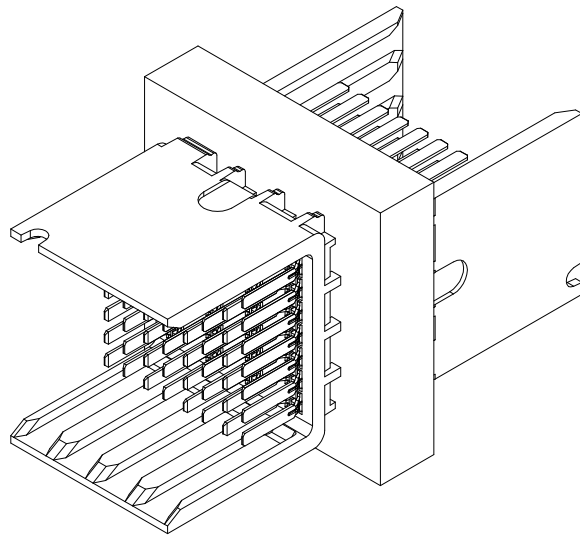
NOTCH DESIGNATES
ROW A



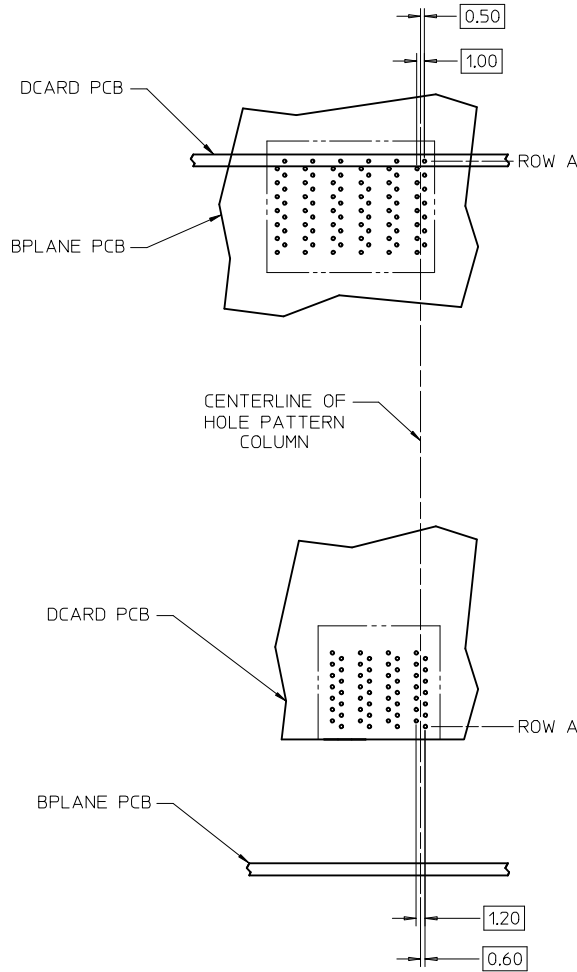
SEE SHEET 1 EC NO: UCP2013-1898 DRAWN:MP0FF 2012/11/12 CHKD:MM0LFE 2012/11/12 APPR:SMILLER 2012/12/21	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE I-TRAC BACKPLANE 7 ROW UNGUIDED ASSEMBLY SALES DRAWING molex				
					mm	INCH	DRAWN BY BPISZCZOR	DATE 2007/01/25	DOCUMENT NO. SD-76015-001				SHEET NO. 2 OF 4			
				4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2007/02/06								
				3 PLACES	± ---	± ---	APPROVED BY CBIXLER	DATE 2007/02/06								
				2 PLACES	± 0.13	± ---	MATERIAL NO.									
				1 PLACE	± 0.25	± ---	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	
				0 PLACE	±	±										



ORTHOGONAL MIDPLANE HOLE PATTERN
(16 SIGNAL PAIRS SHARE VIAS)

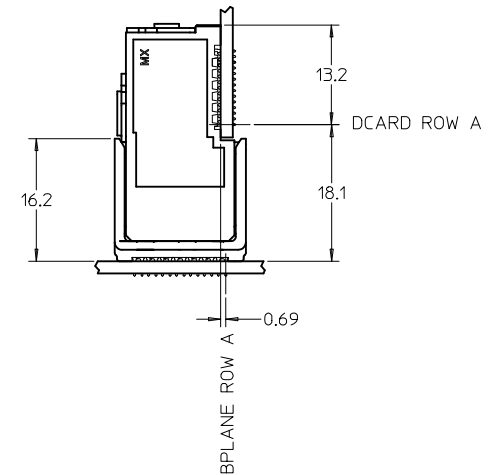


16 PAIR ORTHOGONAL MIDPLANE NODE
(USES TWO 4 COLUMN 7 ROW HEADERS)

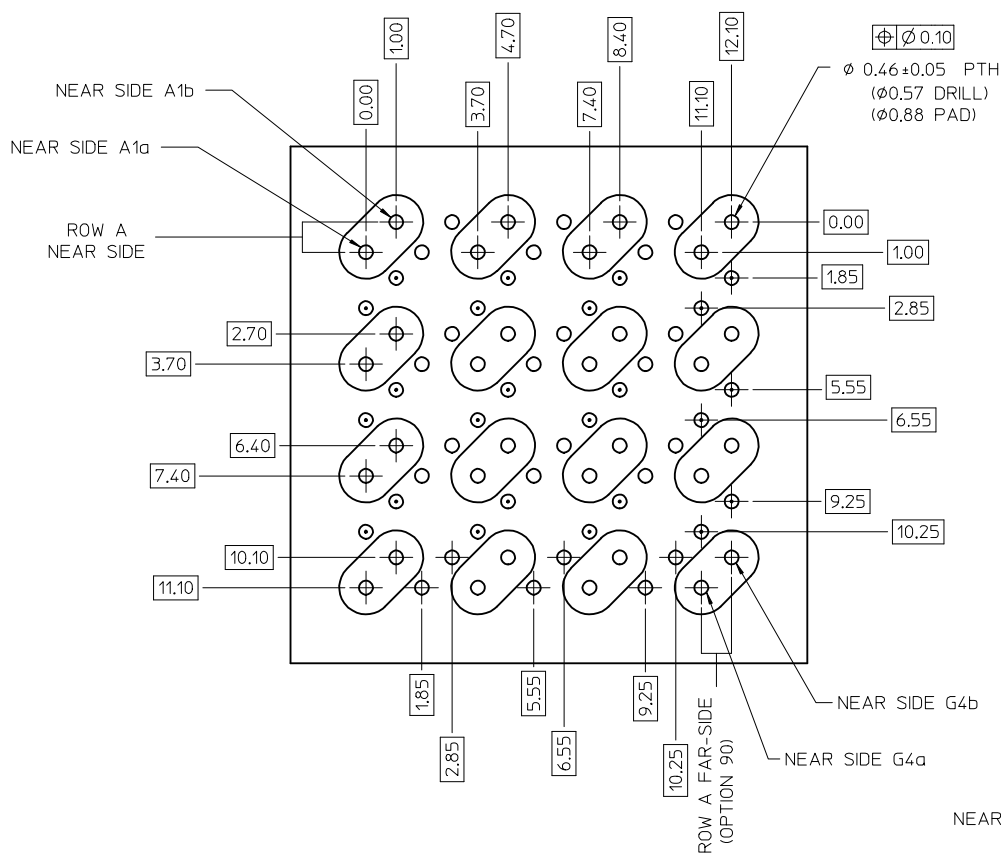


7 ROW I-TRAC BOARD RELATIONSHIPS

SCALE 2:1



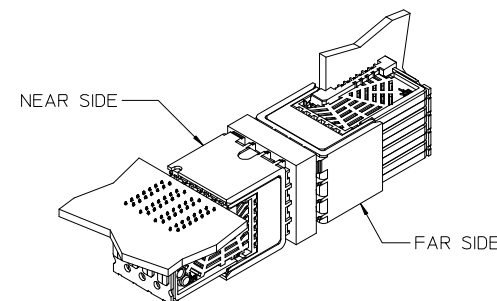
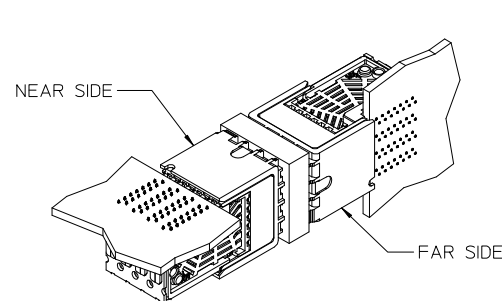
SEE SHEET 1 EC NO: UCP2013-1898 TIDRWMP0FF 2012/11/12 CHKD:MMOLF 2012/11/12 APPR:SMILLER 2012/12/21	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE I-TRAC BACKPLANE 7 ROW UNGUIDED ASSEMBLY SALES DRAWING molex		
					mm	INCH	DRAWN BY BPISZCZOR	DATE 2007/01/25					
				4 PLACES	± ---	± ---	CHECKED BY	DATE					
				3 PLACES	± ---	± ---	JLAURX	2007/02/06					
				2 PLACES	± 0.13	± ---	APPROVED BY	DATE					
				1 PLACE	± 0.25	± ---	CBIXLER	2007/02/06					
				0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
				ANGULAR ±1/2°		SEE TABLE		SD-76015-001				3 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						



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

Orthogonal PCB Layout



OPTION 90

OPTION 270

NOTES:



SIGNAL PAIRS (SHARED VIAS)

○ NEAR SIDE GROUNDS

○ FAR SIDE GROUNDS

SEE SHEET 1 EC NO: UCP2013-1898 DRAWN BY: JDRWNP0FF CHKD BY: MMOLFE APPR: SMILLER REV: 2012/11/12 2012/11/12 2012/12/21	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	I-TRAC BACKPLANE 7 ROW UNGUIDED ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-76015-001 SHEET NO. 4 OF 4		
				mm	INCH	DRAWN BY BPISZCZOR	DATE 2007/01/25	TITLE				
			4 PLACES	±---	±---	CHECKED BY JLAURX	DATE 2007/02/06					
			3 PLACES	±---	±---	APPROVED BY CBIXLER	DATE 2007/02/06					
			2 PLACES	±0.13	±---	MATERIAL NO.						
			1 PLACE	±0.25	±---							
			0 PLACE	±	±							
			ANGULAR ±1/2°		SEE TABLE							
			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					