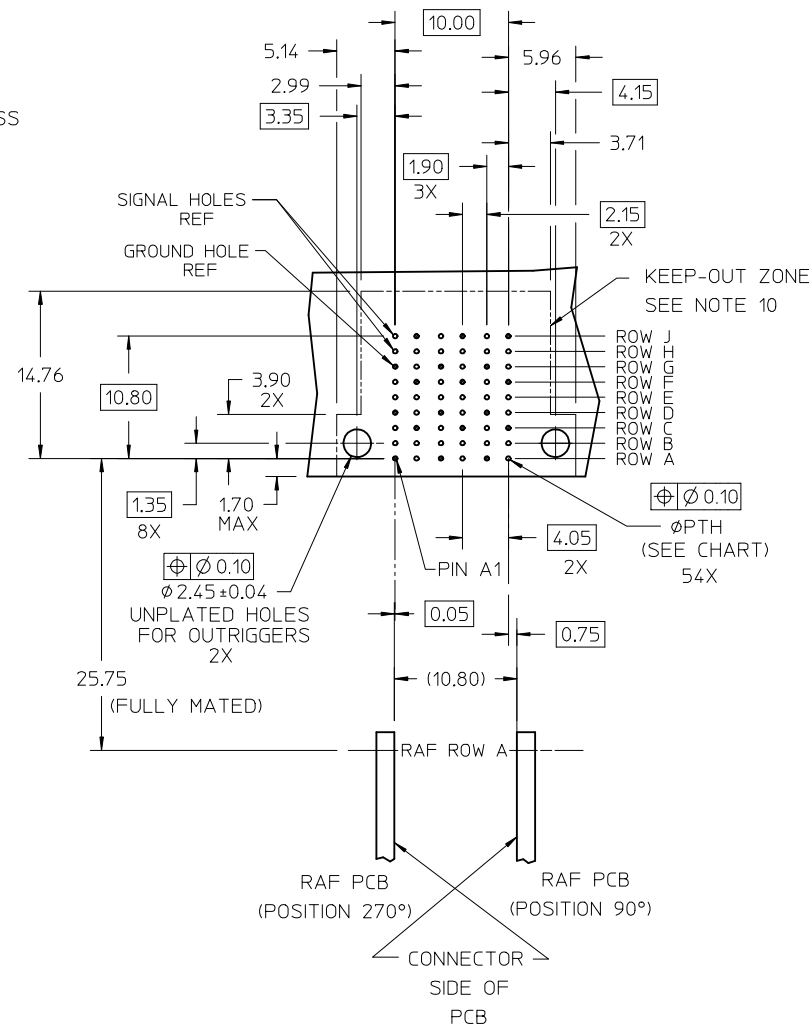
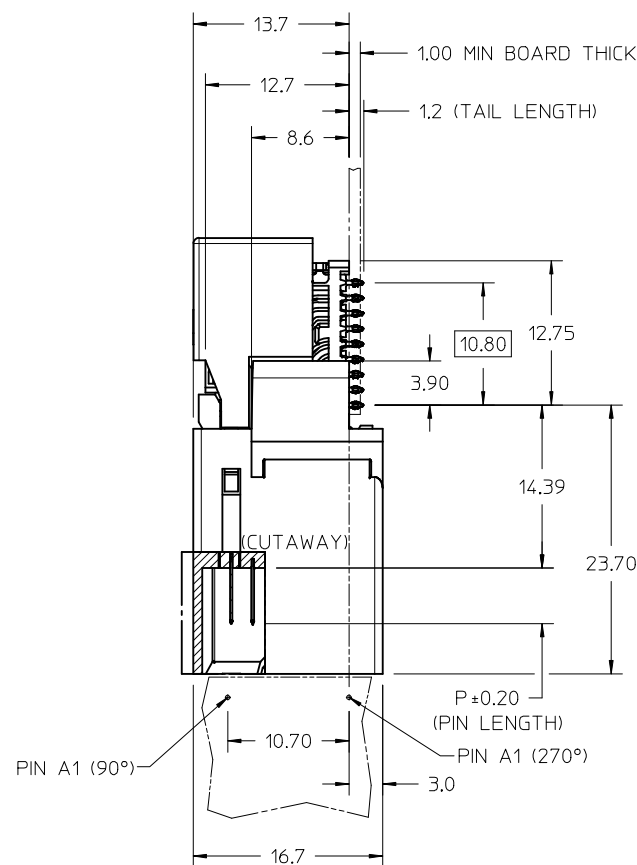
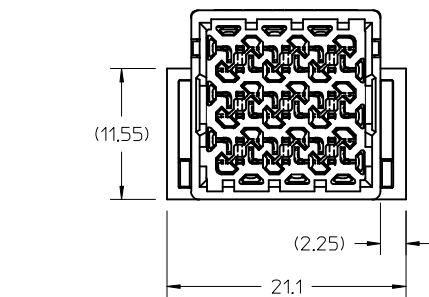
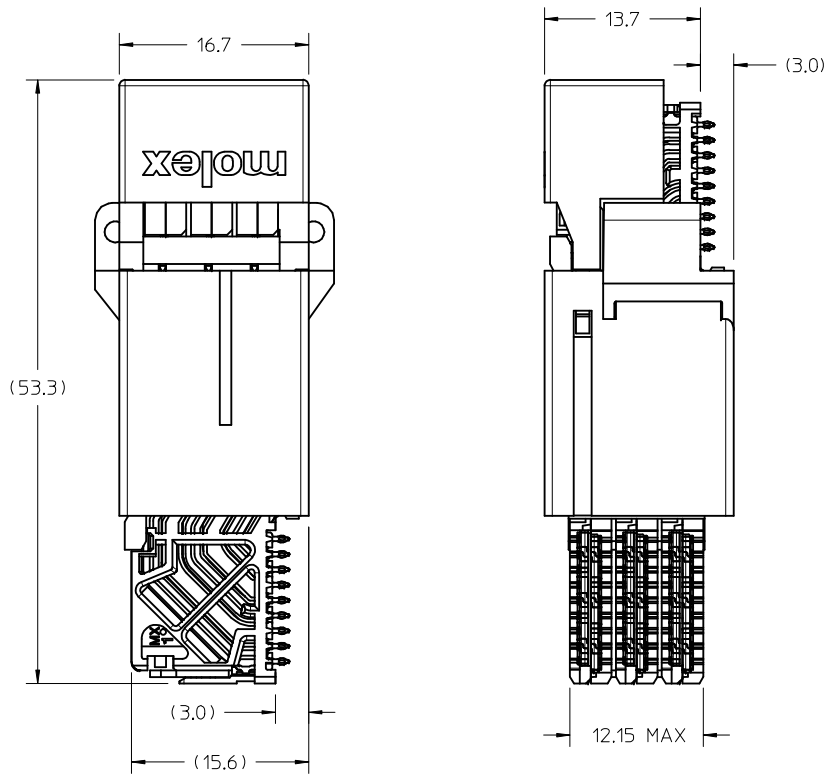




OD-RAM HOLE PATTERN
(CONNECTOR SIDE)

P/N TABLE NOVE EC NO: UCP2014-4310 DRWNB J MILLER 2014/04/11 CHKD: B1 APPR: TELO 2014/04/12	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		▼=0 ▽=0	mm	INCH	DRAWN BY JMENDOZA	DATE 2012/08/20	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY UNGUIDED SALES DRAWING		
		4 PLACES ± --- ± ---	CHECKED BY TELO	DATE 2012/08/20					
		3 PLACES ± --- ± ---	APPROVED BY TELO	DATE 2013/12/26					
		2 PLACES ± 0.13 ± ---							
1 PLACE ± 0.25 ± ---	ANGULAR ± 1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171573-0001	SHEET NO. 1 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						

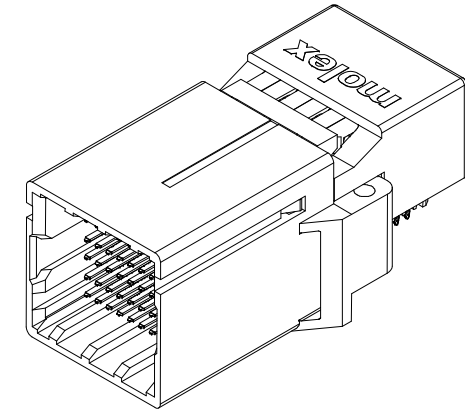


MODULE TYPE 171573-16**
1 = UNGUIDED, TIN

OF COLUMNS
6 = 6 COLUMN

PIN LENGTH (P)
4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.39 PTH)
8 = 5.50 (0.39 PTH)

MATE POSITION
1 = 90 DEGREE
3 = 270 DEGREE



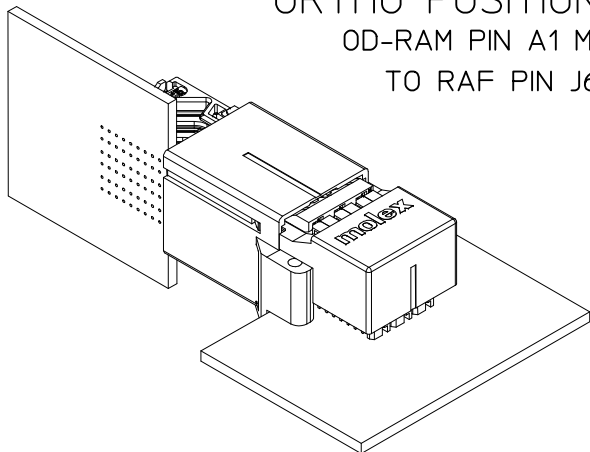
UNGUIDED OD-RAM

MATED DIMENSIONS (POSITION 90° SHOWN)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30μ MIN GOLD IN CONTACT AREA,
SELECTIVE TIN ON PCB TAILS,
NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-8018.
6. SEE SHEETS 3 FOR ORTHOGONAL PIN MAPPING.
7. REFER TO MOLEX SALES DRAWING SD-76860-001 FOR
THE MATING RECEPTACLES.
8. REFER TO MOLEX ROUTING GUIDE AS-76850-990 FOR ADDITIONAL PCB LAYOUT
AND ROUTING RECOMMENDATIONS.
9. CONNECTORS ARE SUPPLIED WITH TWO 2-32 THREAD FORMING SCREWS.
10. THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR
INSERTION AND REPAIR ON THE PC BOARD. THIS IS REFERRED TO AS THE
"CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT THE ACTUAL PERIMETER
OF THE CONNECTOR.

SEE SHEET 1	EC NO: UCP2014-4310 DRAWN BY MILLER 2014/04/11 CHKD: APPR: TELLO 2014/04/21	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm INCH	DRAWN BY DATE JMENDOZA 2012/08/20		TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY UNGUIDED SALES DRAWING						
							CHECKED BY DATE TELO 2012/08/20		MOLEX MOLEX INCORPORATED						
							APPROVED BY DATE TELO 2013/12/26								
							MATERIAL NO.					DOCUMENT NO.		SHEET NO. 2 OF 4	
							SEE CHART					SD-171573-0001			
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													



ORTHO POSITION 90°
OD-RAM PIN A1 MAPS
TO RAF PIN J6

ORTHO PIN MAPPING

OPTION 90 (NEAR SIDE - FAR SIDE)

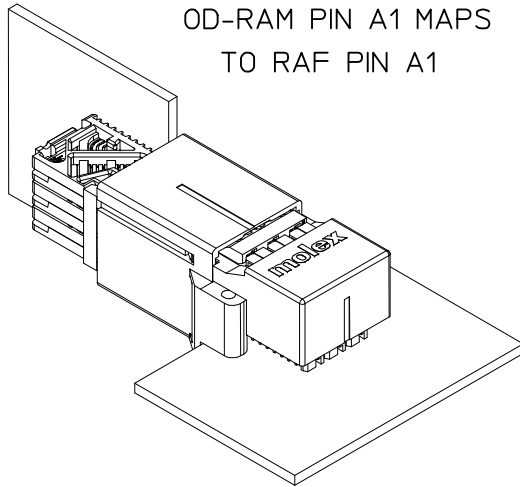
(A1-J6)	A2-H6	(A3-F6)	A4-E6	(A5-C6)	A6-B6
B1-J5	B2-G6	B3-F5	B4-D6	B5-C5	B6-A6
C1-H5	(C2-G5)	C3-E5	(C4-D5)	C5-B5	(C6-A5)
(D1-J4)	D2-H4	(D3-F4)	D4-E4	(D5-C4)	D6-B4
E1-J3	E2-G4	E3-F3	E4-D4	E5-C3	E6-A4
F1-H3	(F2-G3)	F3-E3	(F4-D3)	F5-B3	(F6-A3)
(G1-J2)	G2-H2	(G3-F2)	G4-E2	(G5-C2)	G6-B2
H1-J1	H2-G2	H3-F1	H4-D2	H5-C1	H6-A2
J1-H1	(J2-G1)	J3-E1	(J4-D1)	J5-B1	(J6-A1)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.
GROUND PATHS ARE NOT DISCRETE CIRCUITS.

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	MATE POSITION	DIM P	PTH ϕ
171573-1614	6	18	90	4.90	0.46 $\pm$ 0.05
171573-1615	6	18	90	5.50	0.46 $\pm$ 0.05
171573-1617	6	18	90	4.90	0.39 $\pm$ 0.05
171573-1618	6	18	90	5.50	0.39 $\pm$ 0.05

SEE SHEET 1 EC NO: UCP2014-4310 DRWN: B. MILLER 2014/04/11 CHKD: APPR: TELO 2014/04/21	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		DESCRIPTION REV	MATERIAL NO. B1	SIZE C	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY JMENDOZA DATE 2012/08/20 CHECKED BY TELO DATE 2012/08/20 APPROVED BY TELO DATE 2013/12/26	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY UNGUIDED SALES DRAWING	MOLEX INCORPORATED	SHEET NO. 3 OF 4

ORTHO POSITION 270°
OD-RAM PIN A1 MAPS
TO RAF PIN A1



ORTHO PIN MAPPING

OPTION 270 (NEAR SIDE - FAR SIDE)

(A1-A1)	A2-B1	(A3-D1)	A4-E1	(A5-G1)	A6-H1
B1-A2	B2-C1	B3-D2	B4-F1	B5-G2	B6-J1
C1-B2	(C2-C2)	C3-E2	(C4-F2)	C5-H2	(C6-J2)
(D1-A3)	D2-B3	(D3-D3)	D4-E3	(D5-G3)	D6-H3
E1-A4	E2-C3	E3-D4	E4-F3	E5-G4	E6-J3
F1-B4	(F2-C4)	F3-E4	(F4-F4)	F5-H4	(F6-J4)
(G1-A5)	G2-B5	(G3-D5)	G4-E5	(G5-G5)	G6-H5
H1-A6	H2-C5	H3-D6	H4-F5	H5-G6	H6-J5
J1-B6	(J2-C6)	J3-E6	(J4-F6)	J5-H6	(J6-J6)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.
GROUND PATHS ARE NOT DISCRETE CIRCUITS.

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	MATE POSITION	DIM P	PTH ϕ
171573-1634	6	18	270	4.90	0.46 $\pm$ 0.05
171573-1635	6	18	270	5.50	0.46 $\pm$ 0.05
171573-1637	6	18	270	4.90	0.39 $\pm$ 0.05
171573-1638	6	18	270	5.50	0.39 $\pm$ 0.05

SEE SHEET 1 EC NO: UCP2014-4310 DRWNB: MILLER 2014/04/11 CHKD: APPR: TELO 2014/04/21	REV B1	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY JMENDOZA	DATE 2012/08/20	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY UNGUIDED SALES DRAWING					
				4 PLACES	± ---	± ---	CHECKED BY TELO	DATE 2012/08/20						
				3 PLACES	± ---	± ---	APPROVED BY TELO						DATE 2013/12/26	
				2 PLACES	± 0.13	± ---	MATERIAL NO.						DOCUMENT NO.	SHEET NO.
				1 PLACE	± 0.25	± ---	SEE CHART						SD-171573-0001	4 OF 4
				0 PLACE	±	±	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				