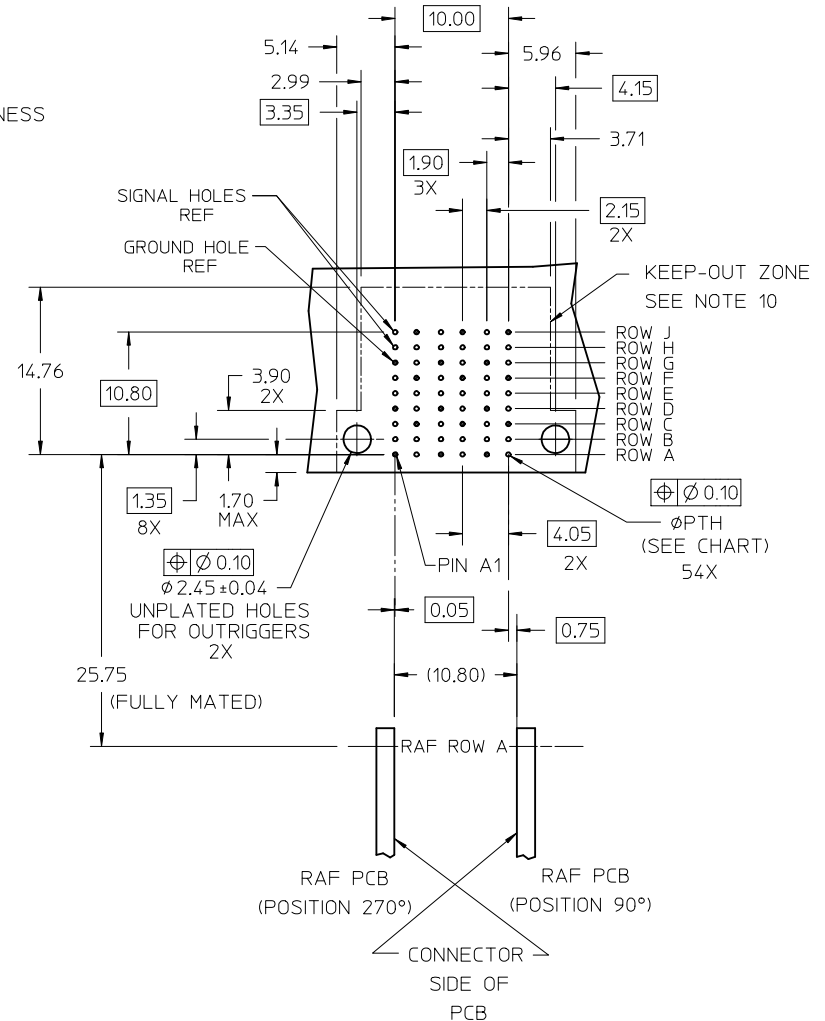
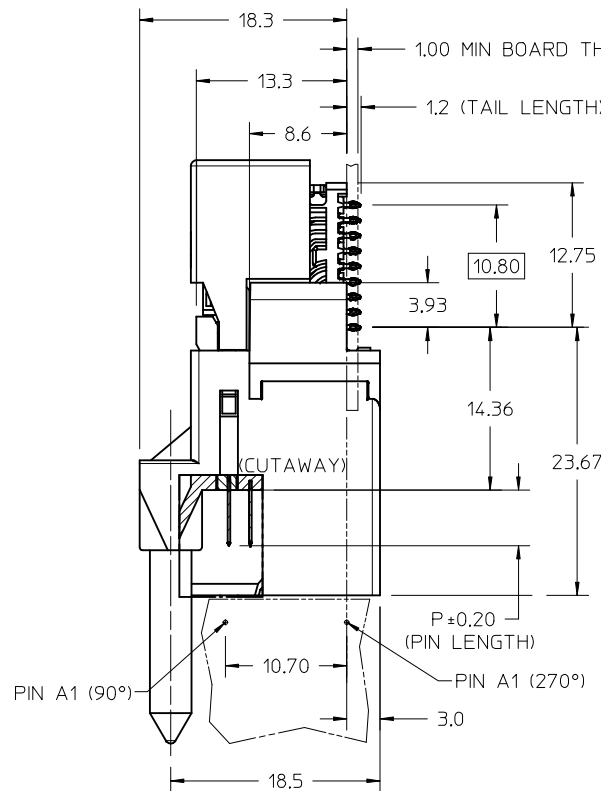
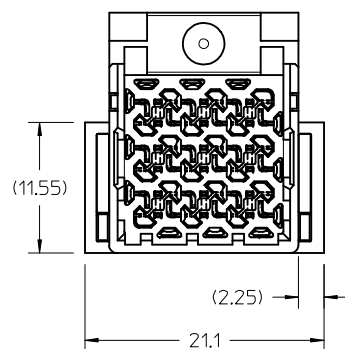
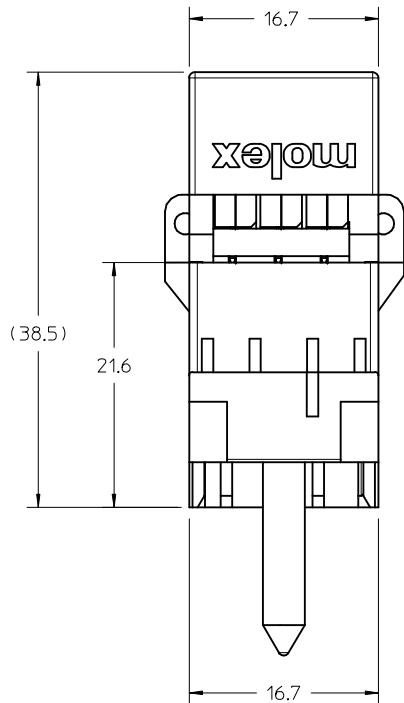
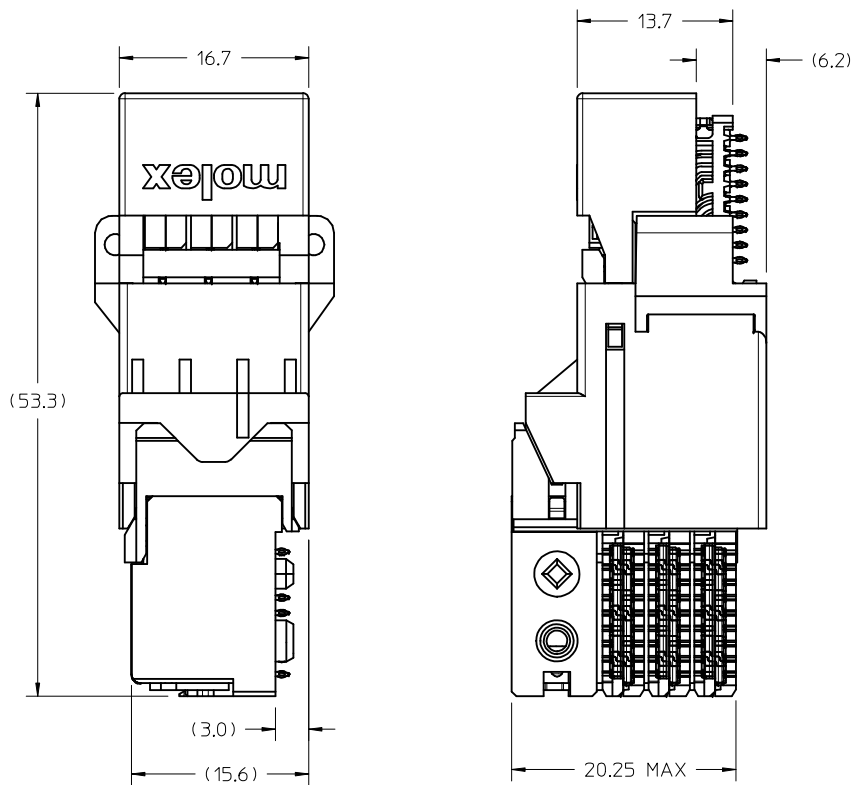




OD-RAM HOLE PATTERN (CONNECTOR SIDE)

P/N TABLE MOVE EC NO: UCP2014-4310 DRAWN BY: JIMILLER CHKD: TELLO APPR: TELLO REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY TOP GUIDED SALES DRAWING		
				mm	INCH	DRAWN BY JMENDOZA	DATE 2012/12/14						
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	TELO	2012/12/14						
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE						
			1 PLACE	± 0.25	± ---	TELO	2013/12/26						
			ANGULAR ±1/2°										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171573-0002		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													



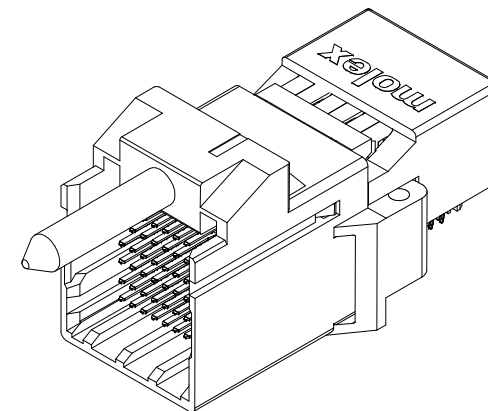
171573-76**

MODULE TYPE
7 = TOP GUIDED, 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
0 = 90 DEGREE
3 = 270 DEGREE



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 SHEET 3 AND 4 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 ACCOMODATE 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
DRWN: B. MILLER 2014/04/11
CHKD: TELO
APPR: TELO 2014/04/21
REV

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0008
3 PLACES	± .005	± .0008
2 PLACES	± 0.13	± .005
1 PLACE	± 0.25	± .010

ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY

DRAWN BY	DATE
JMENDOZA	2012/12/14
CHECKED BY	DATE
TELO	2012/12/14
APPROVED BY	DATE
TELO	2013/12/26

MATERIAL NO.

SEE CHART

SIZE

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

SCALE
3:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
IMPACT ORTHOGONAL DIRECT
3 PAIR RAM 90 & 270 ASSY
TOP GUIDED SALES DRAWING

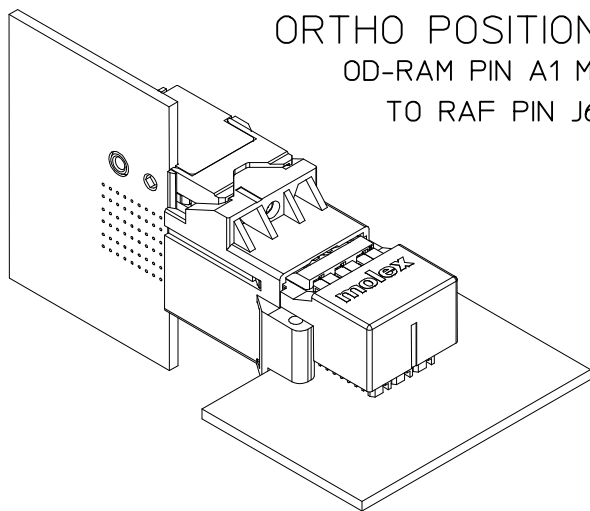
MOLEX MOLEX INCORPORATED

DOCUMENT NO.

SD-171573-0002

SHEET NO.

2 OF 4



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

REFER TO MOLEX SALES DRAWING SD-76860-002
FOR MATING RECEPTACLES.

ORTHO PIN MAPPING

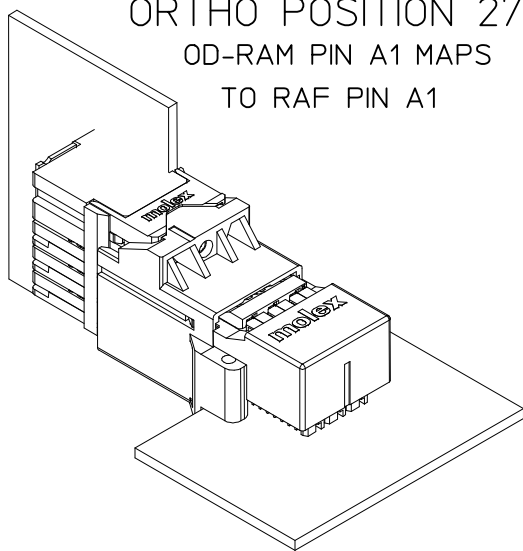
OPTION 90 (NEARSIDE - FARSIDE)

(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
171573-7604	6	18	90	4.90	0.46 $\pm$ 0.05
171573-7605	6	18	90	5.50	0.46 $\pm$ 0.05
171573-7607	6	18	90	4.90	0.39 $\pm$ 0.05
171573-7608	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 REV	DESCRIPTION	QUALITY SYMBOLS ▽=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 2012/12/14	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY TOP GUIDED SALES DRAWING				
			4 PLACES	± ---	± ---	CHECKED BY TELO	DATE 2012/12/14					
			3 PLACES	± ---	± ---	APPROVED BY TELO	DATE 2013/12/26					
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171573-0002		SHEET NO. 3 OF 4		
			1 PLACE	± 0.25	± ---							
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
B1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



REFER TO MOLEX SALES DRAWING SD-76860-004
FOR MATING RECEPTACLES.

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
171573-7634	6	18	270	4.90	0.46 $\pm$ 0.05
171573-7635	6	18	270	5.50	0.46 $\pm$ 0.05
171573-7637	6	18	270	4.90	0.39 $\pm$ 0.05
171573-7638	6	18	270	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	DESCRIPTION REV	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 2012/12/14	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY TOP GUIDED SALES DRAWING			
			4 PLACES	±---	±---	CHECKED BY TELO	DATE 2012/12/14	molex			
			3 PLACES	±---	±---	APPROVED BY TELO	DATE 2013/12/26				
			2 PLACES	±0.13	±---	MATERIAL NO.	DOCUMENT NO.		SHEET NO. 4 OF 4		
			1 PLACE	±0.25	±---	SEE CHART SD-171573-0002					
			0 PLACE	±	±	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		
			ANGULAR ±1/2°								