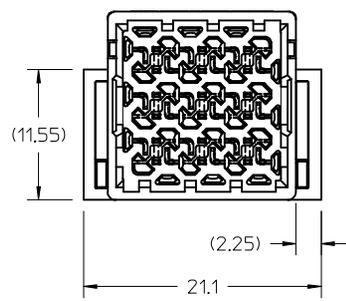
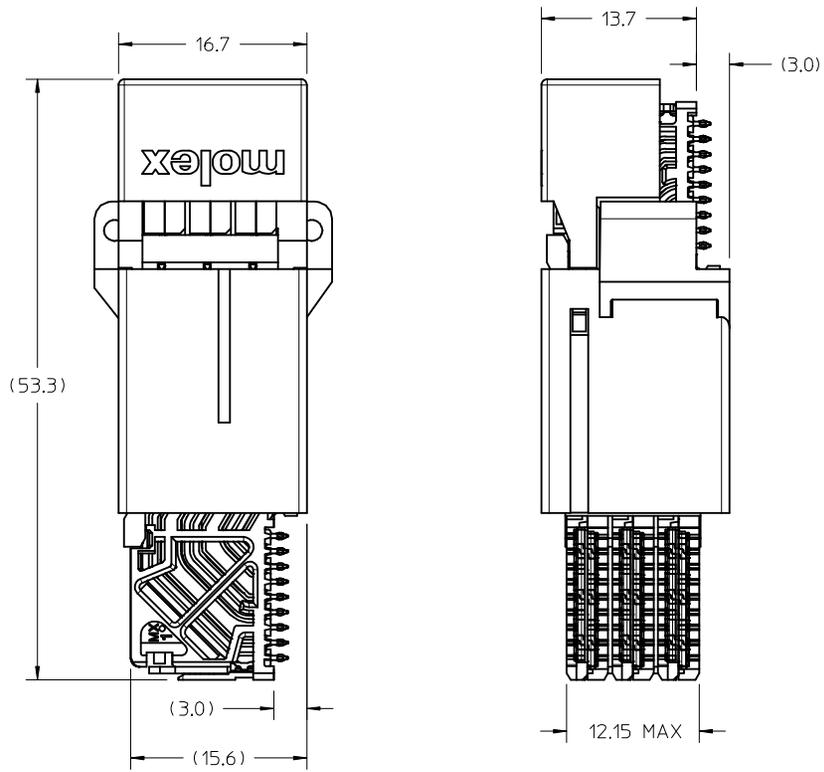


OD-RAM HOLE PATTERN
(CONNECTOR SIDE)



PIN TABLE MOVE EC NO: UCP2014-4310 DRAWN BY: MILLER 2014/04/11 CHKD: TELO APPR: TELO 2014/04/21 REV: B1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.38</td> <td>± 0.015</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.51</td> <td>± 0.020</td> </tr> </table>		mm	INCH	4 PLACES	± 0.13	± 0.005	3 PLACES	± 0.25	± 0.010	2 PLACES	± 0.38	± 0.015	1 PLACE	± 0.51	± 0.020	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± 0.13	± 0.005																		
	3 PLACES	± 0.25	± 0.010																		
2 PLACES	± 0.38	± 0.015																			
1 PLACE	± 0.51	± 0.020																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: JMENDOZA 2012/08/20 CHECKED BY: TELO 2012/08/20 APPROVED BY: TELO 2013/12/26	MATERIAL NO. SEE CHART	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY UNGUIDED SALES DRAWING	DOCUMENT NO. SD-171573-0001	SHEET NO. 1 OF 4																
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			



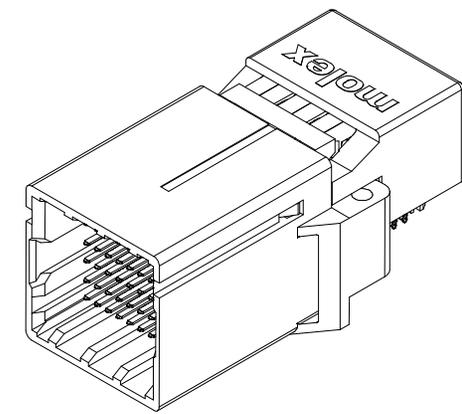
171573-16**

MODULE TYPE
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

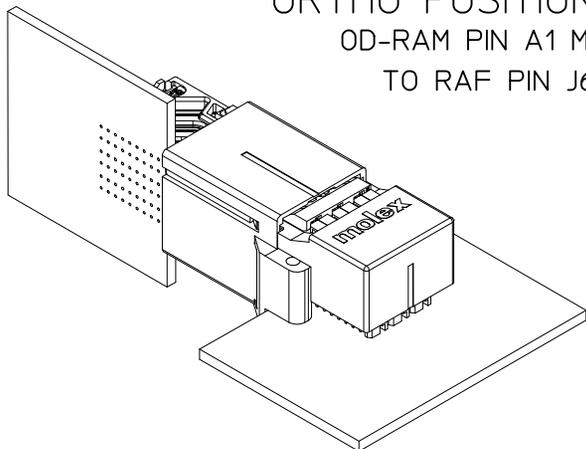


UNGUIDED OD-RAM

MATED DIMENSIONS
(POSITION 90° SHOWN)

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
SELECTIVE TIN ON PCB TAILS,
NICKEL OVERALL.
 2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
 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 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 DRAWN BY MILLER 2014/04/11 CHKD: APPR:TELO 2014/04/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	REV: B1	DESCRIPTION	mm INCH	DRAWN BY DATE JMENDOZA 2012/08/20	CHECKED BY DATE TELO 2012/08/20	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY UNGUIDED SALES DRAWING
		4 PLACES ± --- ± ---		APPROVED BY DATE TELO 2013/12/26		MATERIAL NO. DOCUMENT NO. SD-171573-0001
		3 PLACES ± --- ± ---				SHEET NO. 2 OF 4
		2 PLACES ± 0.13 ± ---				
		1 PLACE ± 0.25 ± ---				
		ANGULAR ± 1/2°				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		
			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

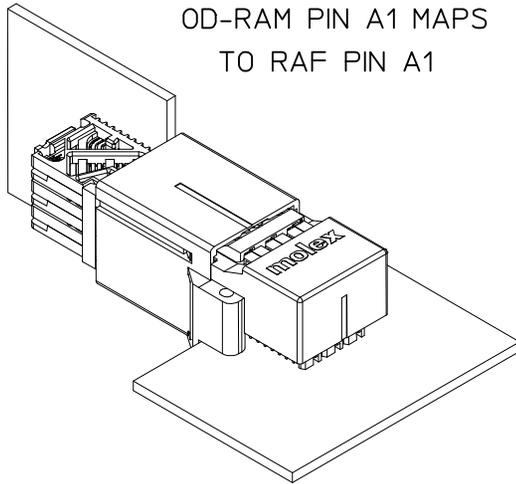
ORTHO PIN MAPPING					
OPTION 90 (NEARSIDE - FARSIDE)					
(A1-J6)	A2-H6	(A3-F6)	A4-E6	(A5-C6)	A6-B6
B1-J5	B2-G6	B3-F5	B4-D6	B5-C5	B6-A6
C1-H5	(C2-G5)	C3-E5	(C4-D5)	C5-B5	(C6-A5)
(D1-J4)	D2-H4	(D3-F4)	D4-E4	(D5-C4)	D6-B4
E1-J3	E2-G4	E3-F3	E4-D4	E5-C3	E6-A4
F1-H3	(F2-G3)	F3-E3	(F4-D3)	F5-B3	(F6-A3)
(G1-J2)	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
171573-1614	6	18	90	4.90	0.46±0.05
171573-1615	6	18	90	5.50	0.46±0.05
171573-1617	6	18	90	4.90	0.39±0.05
171573-1618	6	18	90	5.50	0.39±0.05

SEE SHEET 1 EC NO: UCP2014-4310 DRAWN: MILLER 2014/04/11 CHKD: APPR: TELO 2014/04/21	DESCRIPTION REV: B1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH																	
		4 PLACES		± ---	± ---																	
		3 PLACES		± ---	± ---																	
2 PLACES	± 0.13	± ---																				
1 PLACE	± 0.25	± ---																				
DRAWN BY JMENDOZA	DATE 2012/08/20	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY UNGUIDED SALES DRAWING																				
CHECKED BY TELO	DATE 2012/08/20	APPROVED BY TELO		DATE 2013/12/26	MOLEX INCORPORATED																	
MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171573-0001		SHEET NO. 3 OF 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																

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±0.05
171573-1635	6	18	270	5.50	0.46±0.05
171573-1637	6	18	270	4.90	0.39±0.05
171573-1638	6	18	270	5.50	0.39±0.05

SEE SHEET 1 EC NO: UCP2014-4310 DRAWN BY MILLER 2014/04/11 CHKD: APPR:TELO 2014/04/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE JMENDOZA 2012/08/20	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY UNGUIDED SALES DRAWING		
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE TELO 2012/08/20	molex		
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE TELO 2013/12/26			
B1	2 PLACES ± 0.13 ± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171573-0001	SHEET NO. 4 OF 4	
	1 PLACE ± 0.25 ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	0 PLACE ± ±	ANGULAR ±1/2°				