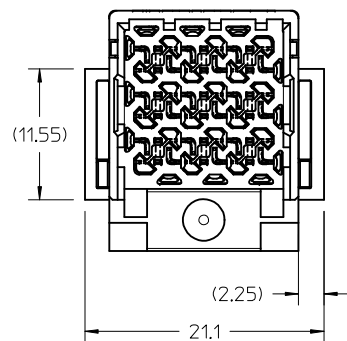
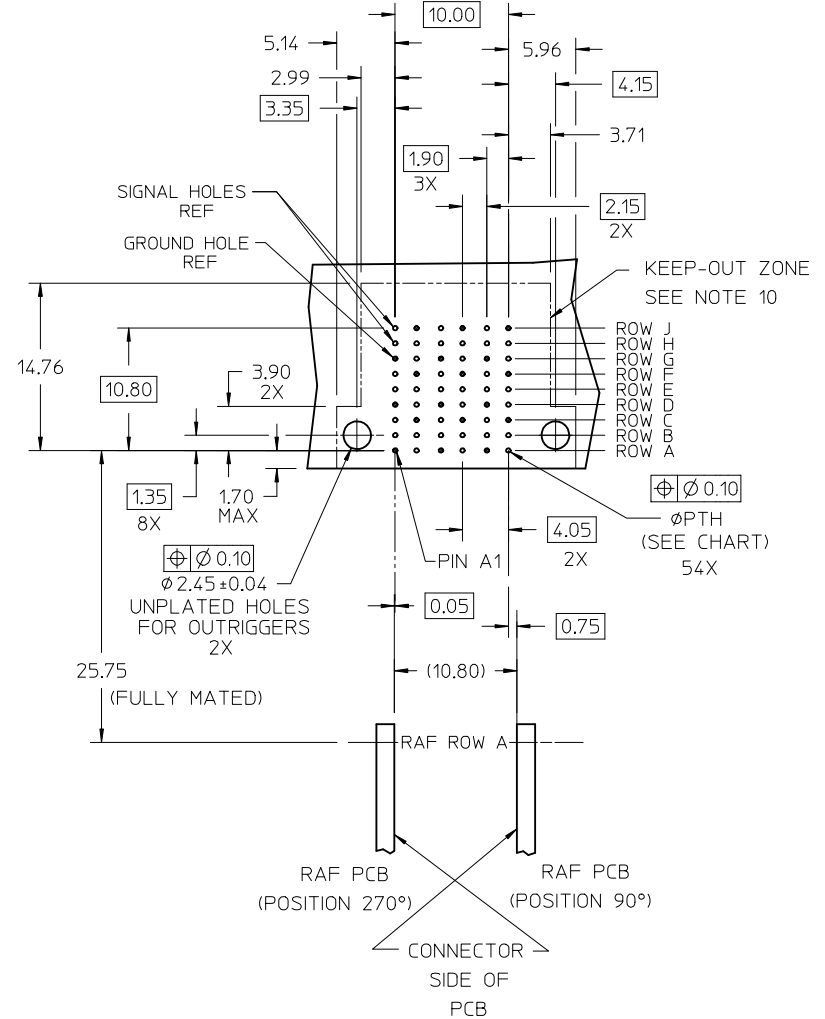
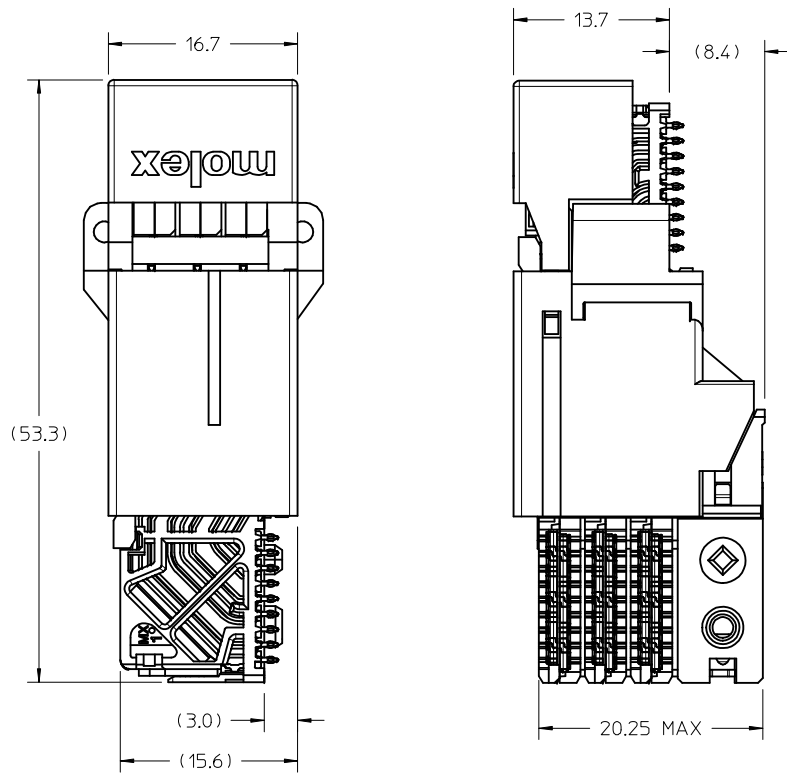




OD-RAM HOLE PATTERN
(CONNECTOR SIDE)

P/N TABLE NOTE EC NO: UCP2014-4310 WORKING MILLER 2014/04/11 CHKD: APPR: TELO 2014/04/21 B1	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	DATE	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY BOTTOM GUIDED SALES DWG			
				4 PLACES	± ---	± ---	JMENDOZA		2012/12/14		
				3 PLACES	± ---	± ---	CHECKED BY		DATE		
				2 PLACES	± 0.13	± ---	TELO		2012/12/14		
				1 PLACE	± 0.25	± ---	APPROVED BY		DATE		
			ANGULAR ±1/2°		TELO	2013/12/26	 MOLEX INCORPORATED				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-171573-0003	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											



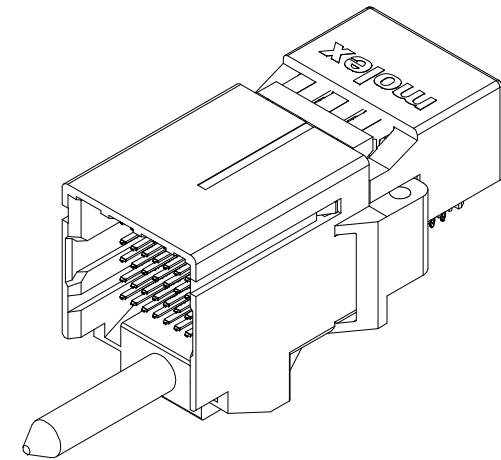
171573-96**

MODULE TYPE
9 = BOTTOM 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

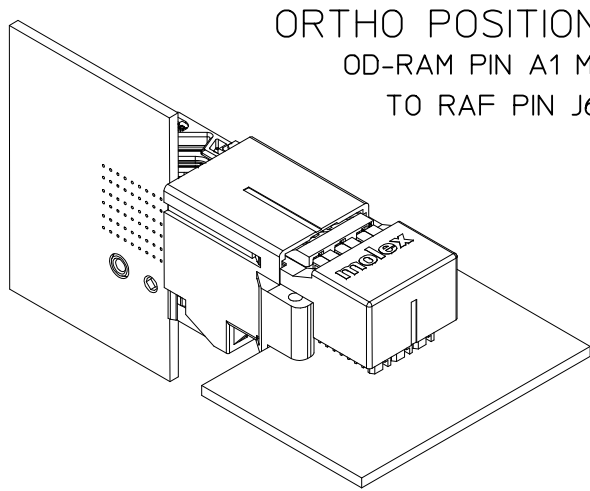


MATED DIMENSIONS (POSITION 90° SHOWN)

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-70873-8019.
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	DESCRIPTION	REV	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 BOTTOM GUIDED SALES DWG					
					mm	INCH	DRAWN BY JMENDOZA	DATE 2012/12/14	MATERIAL NO. SEE CHART			DOCUMENT NO. SD-171573-0003		SHEET NO. 2 OF 4		
				4 PLACES	± ---	± ---	CHECKED BY TELO	DATE 2012/12/14								
				3 PLACES	± ---	± ---	APPROVED BY TELO	DATE 2013/12/26								
				2 PLACES	± 0.13	± ---	ANGULAR ±1/2°		MOLEX MOLEX INCORPORATED							
				1 PLACE	± 0.25	± ---										
				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 POSITION 90°
OD-RAM PIN A1 MAPS
TO RAF PIN J6

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

ORTHO PIN MAPPING

OPTION 90 (NEARSIDE - FARSIDE)

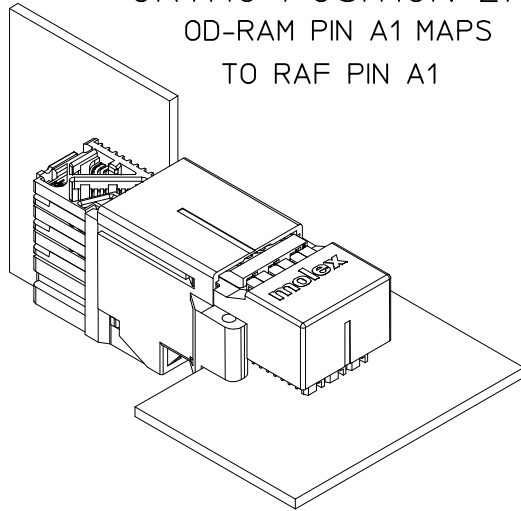
(A1-J6)	A2-H6	(A3-F6)	A4-E6	(A5-C6)	A6-B6
B1-J5	B2-G6	B3-F5	B4-D6	B5-C5	B6-A6
C1-H5	(C2-G5)	C3-E5	(C4-D5)	C5-B5	(C6-A5)
(D1-J4)	D2-H4	(D3-F4)	D4-E4	(D5-C4)	D6-B4
E1-J3	E2-G4	E3-F3	E4-D4	E5-C3	E6-A4
F1-H3	(F2-G3)	F3-E3	(F4-D3)	F5-B3	(F6-A3)
(G1-J2)	G2-H2	(G3-F2)	G4-E2	(G5-C2)	G6-B2
H1-J1	H2-G2	H3-F1	H4-D2	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
171573-9604	6	18	90	4.90	0.46 $\pm$ 0.05
171573-9605	6	18	90	5.50	0.46 $\pm$ 0.05
171573-9607	6	18	90	4.90	0.39 $\pm$ 0.05
171573-9608	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 B1	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 BOTTOM GUIDED SALES DWG					
			4 PLACES	± ---	± ---	CHECKED BY TELO	DATE 2012/12/14						
			3 PLACES	± ---	± ---	APPROVED BY TELO		DATE 2013/12/26	molex MOLEX INCORPORATED				
			2 PLACES	± 0.13	± ---								
			1 PLACE	± 0.25	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171573-0003	SHEET NO. 3 OF 4				
ANGULAR ±1/2°													
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										

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



REFER TO MOLEX SALES DRAWING SD-76860-002
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 Ø
171573-9634	6	18	270	4.90	0.46±0.05
171573-9635	6	18	270	5.50	0.46±0.05
171573-9637	6	18	270	4.90	0.39±0.05
171573-9638	6	18	270	5.50	0.39±0.05

SEE SHEET 1 EC NO: UCP2014-4310 DRWN: B. 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			
				4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ± ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mmINCH	DRAWN BY JMENDOZA	DATE 2012/12/14	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY BOTTOM GUIDED SALES DWG	molex SD-171573-0003				
						CHECKED BY TELO	DATE 2012/12/14						
						APPROVED BY TELO	DATE 2013/12/26						
						MATERIAL NO.					DOCUMENT NO.	SHEET NO.	
						SEE CHART					4 OF 4		
SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													