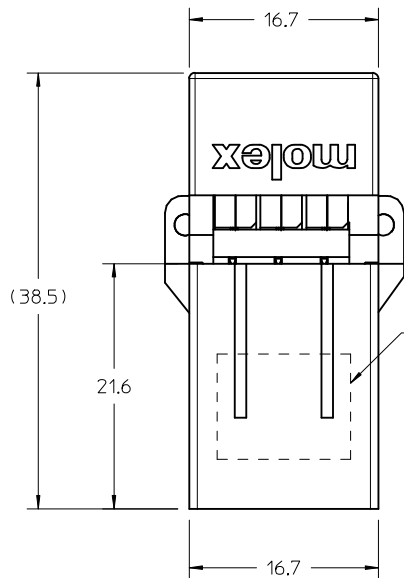
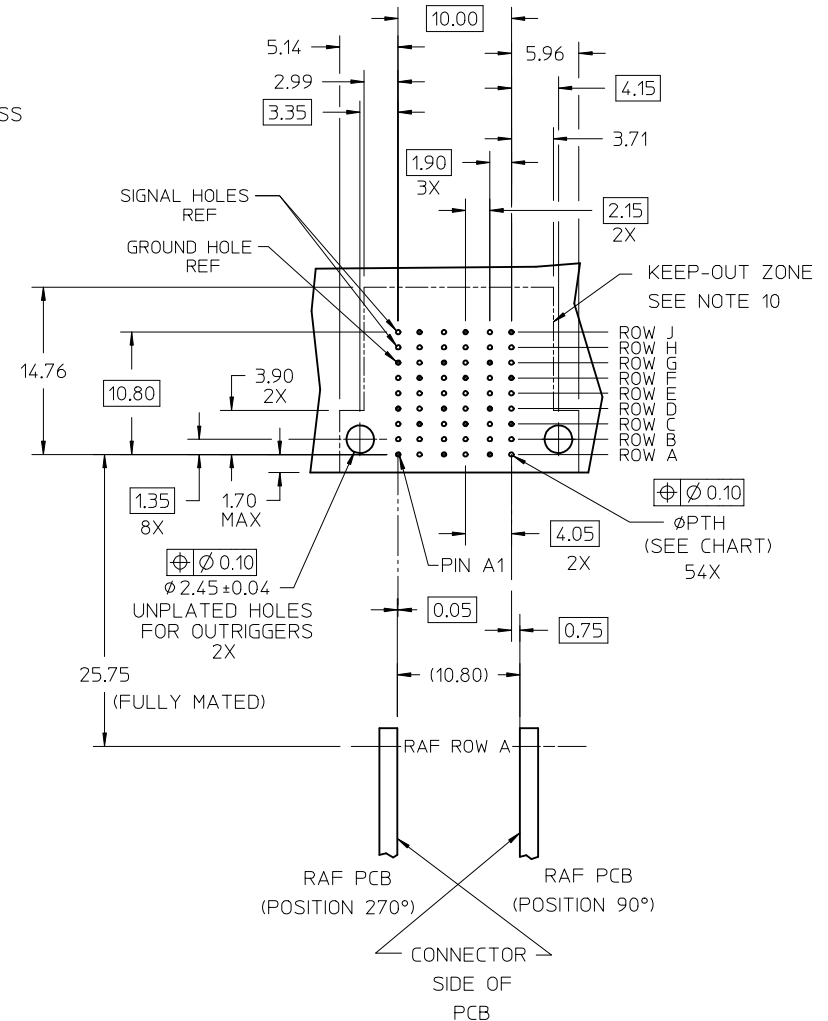
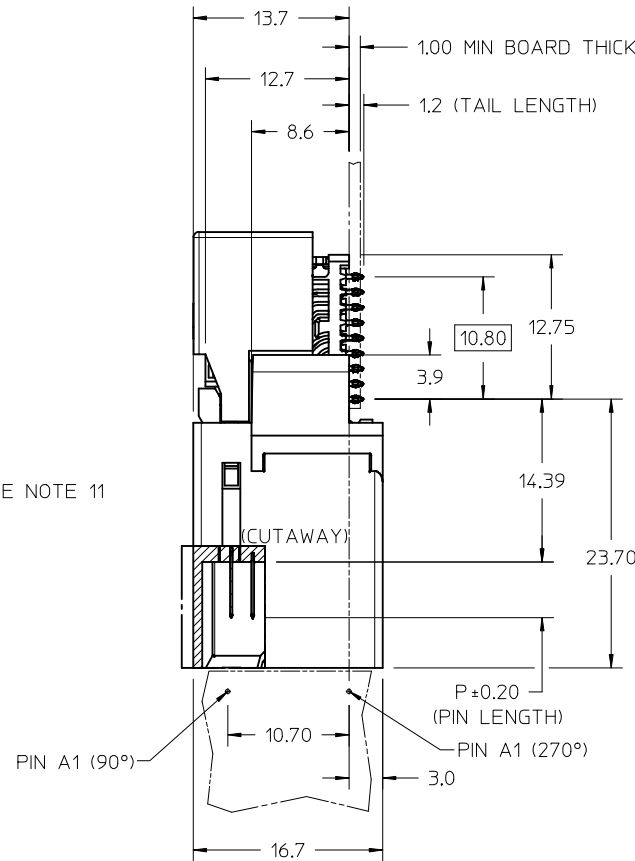
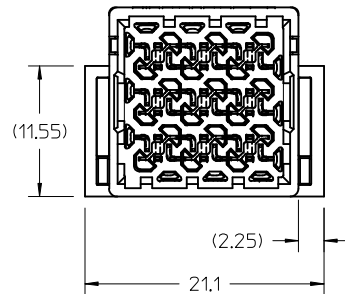


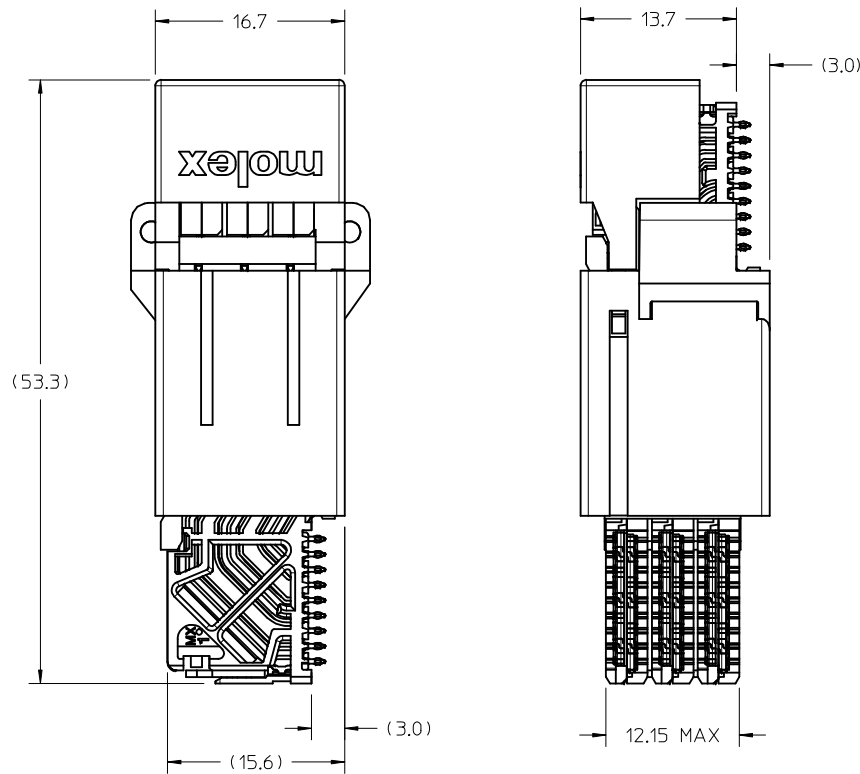


SEE NOTE 11



OD-RAM HOLE PATTERN (CONNECTOR SIDE)

2ND GATE AND OUTRIGGERS	EC NO: UCP2015-5544 DRAWN BY: J. MILLER CHKD: TELLO APPR: TELLO	2016/10/07 2016/10/10	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	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 MOLEX INCORPORATED	DOCUMENT NO. SD-171573-0001	SHEET NO. 1 OF 4
						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							
		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							

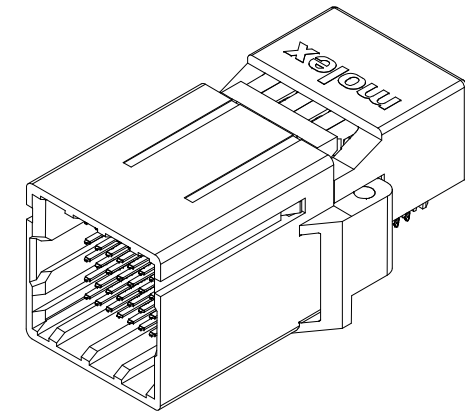


MODULE TYPE 171573-16**
1 = UNGUIDED, TIN

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



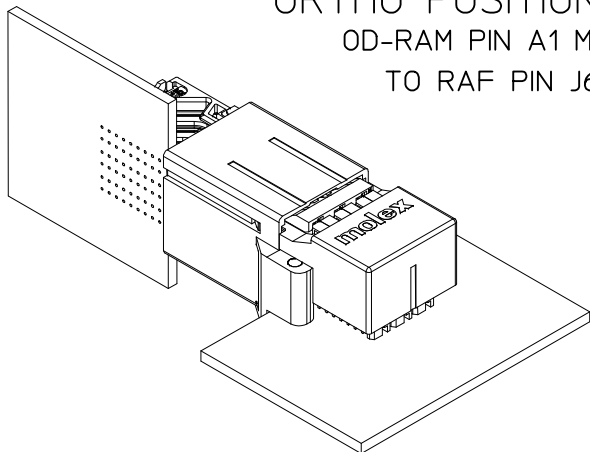
UNGUIDED OD-RAM

MATED DIMENSIONS (POSITION 90° SHOWN)

NOTES:

- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
- FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
- REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPEC PS-45499-002.
- PACKAGE PER: PK-70873-8018.
- SEE SHEETS 3 FOR ORTHOGONAL PIN MAPPING.
- REFER TO MOLEX SALES DRAWING SD-76860-001 FOR
THE MATING RECEPTACLES.
- REFER TO MOLEX ROUTING GUIDE AS-76850-990 FOR ADDITIONAL PCB LAYOUT
AND ROUTING RECOMMENDATIONS.
- CONNECTORS ARE SUPPLIED WITH TWO 2-32 THREAD FORMING SCREWS.
- 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.
- MARKING: LOCATED APPROXIMATELY AS SHOWN, ON BOTTOM OR TOP HOUSING.
PART NUMBER AND DATE CODE.

SEE SHEET 1	EC NO: UCP2015-5544 DRWN: B. MILLER 2016/10/07 CHKD: APPR: TELO 2016/10/10	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	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		MOLEX MOLEX INCORPORATED	
					3 PLACES	± ---	± ---	APPROVED BY TELO		DATE 2013/12/26			
					2 PLACES	± 0.13	± ---	MATERIAL NO. TELO		DOCUMENT NO. SD-171573-0001			
					1 PLACE	± 0.25	± ---	SHEET NO. 2 OF 4					
					ANGULAR ± 1/2°			SEE CHART					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE	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)

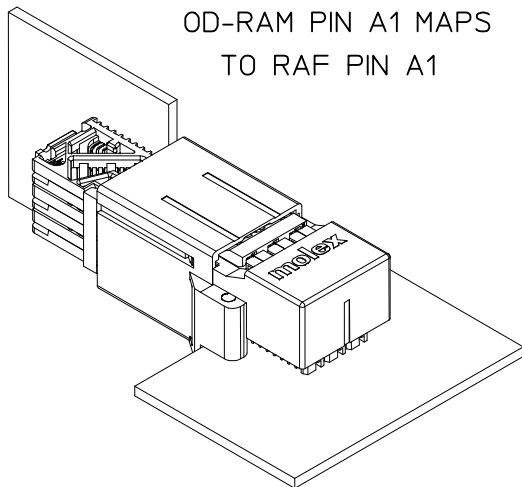
(A1-J6)	A2-H6	(A3-F6)	A4-E6	(A5-C6)	A6-B6
B1-J5	B2-G6	B3-F5	B4-D6	B5-C5	B6-A6
C1-H5	(C2-G5)	C3-E5	(C4-D5)	C5-B5	(C6-A5)
(D1-J4)	D2-H4	(D3-F4)	D4-E4	(D5-C4)	D6-B4
E1-J3	E2-G4	E3-F3	E4-D4	E5-C3	E6-A4
F1-H3	(F2-G3)	F3-E3	(F4-D3)	F5-B3	(F6-A3)
(G1-J2)	G2-H2	(G3-F2)	G4-E2	(G5-C2)	G6-B2
H1-J1	H2-G2	H3-F1	H4-D2	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: UCP2015-5544 DRWN: B. MILLER 2016/10/07 CHKD: APPR: TELO 2016/10/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				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	MATERIAL NO. SD-171573-0001		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 3 OF 4			
				SIZE C		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 (NEARSIDE - FARSIDE)

(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: UCP2015-5544 DRWN: B. MILLER 2016/10/07 CHKD: APPR: TELO 2016/10/10	REV	DESCRIPTION	QUALITY SYMBOLS	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	DOCUMENT NO. SD-171573-0001		SHEET NO. 4 OF 4					
													4 PLACES	±---	±---	CHECKED BY TELO	DATE 2012/08/20
													3 PLACES	±---	±---		
													2 PLACES	±0.13	±---		
													1 PLACE	±0.25	±---		
				0 PLACE	±	±---	APPROVED BY TELO	DATE 2013/12/26	molex								
				ANGULAR ±1/2°			MATERIAL NO. SEE CHART										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								