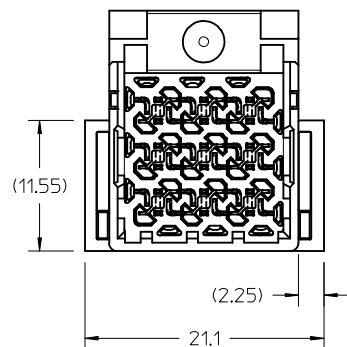
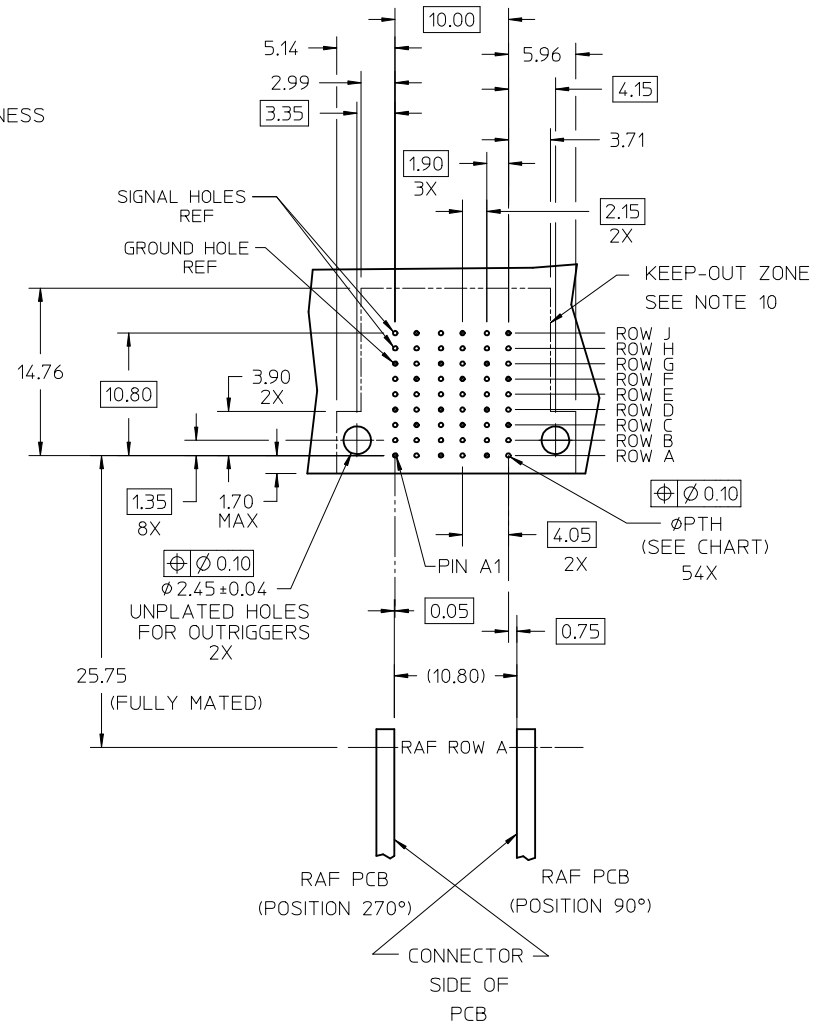
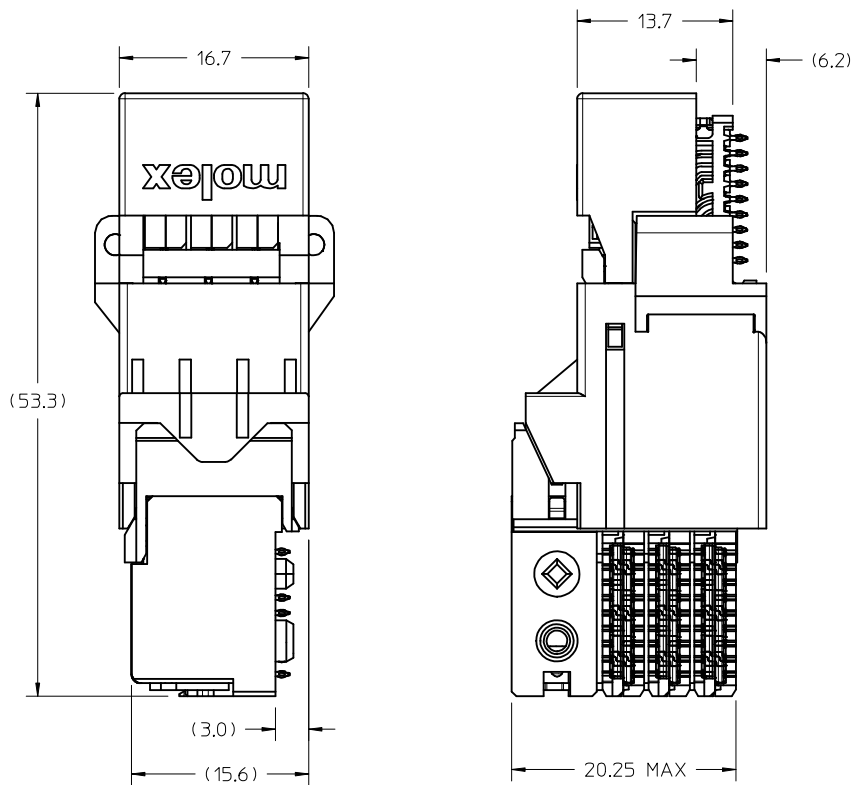




OD-RAM HOLE PATTERN
(CONNECTOR SIDE)

2ND GATE AND OUTRIGGERS	EC NO: UCP2015-5544	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
	DRAWN BY: DORNBW MILLER CHKD: APPR: TELO			2016/10/07 2016/10/10	 = 0  = 0	mm	INCH	DRAWN BY	DATE	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY TOP GUIDED SALES DRAWING	
						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-171573-0002	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									



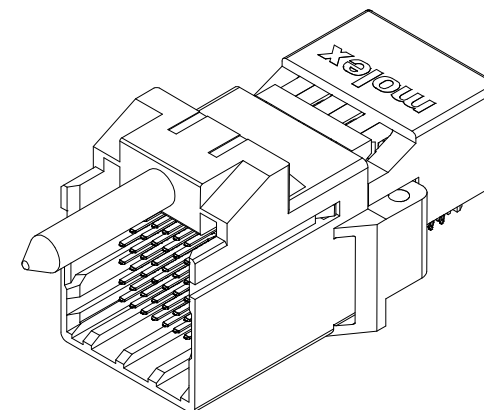
171573-76**

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

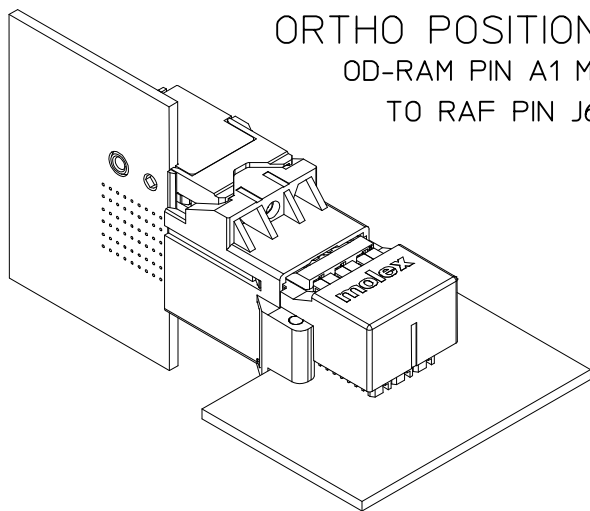


MATED DIMENSIONS (POSITION 90° SHOWN)

NOTES:

- 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 SHEET 3 AND 4 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: 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 2012/12/14	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY TOP GUIDED SALES DRAWING					
				4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY TELO	DATE 2012/12/14						
				2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	APPROVED BY TELO	DATE 2013/12/26						
				ANGULAR ± 1/2°		MATERIAL NO. SEE CHART					DOCUMENT NO. SD-171573-0002		SHEET NO. 2 OF 4
				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 90°
OD-RAM PIN A1 MAPS
TO RAF PIN J6

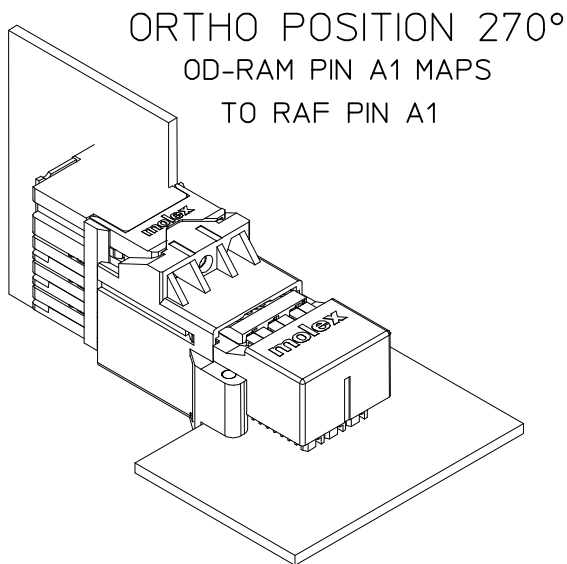
REFER TO MOLEX SALES DRAWING SD-76860-002
FOR MATING RECEPTACLES.

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: UCP2015-5544 DRWN: B. MILLER 2016/10/07 CHKD: APPR: TELO 2016/10/10	DESCRIPTION REV	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	DATE			
			3 PLACES	± ---	± ---	TELO	2012/12/14			
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED		
			1 PLACE	± 0.25	± ---	TELO	2013/12/26			
			ANGULAR ±1/2°			MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-171573-0002	3 OF 4				
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



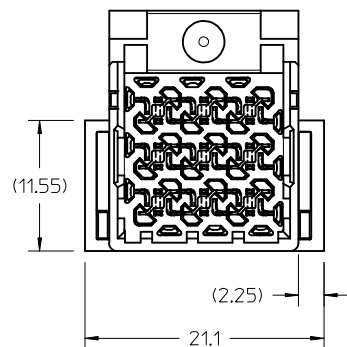
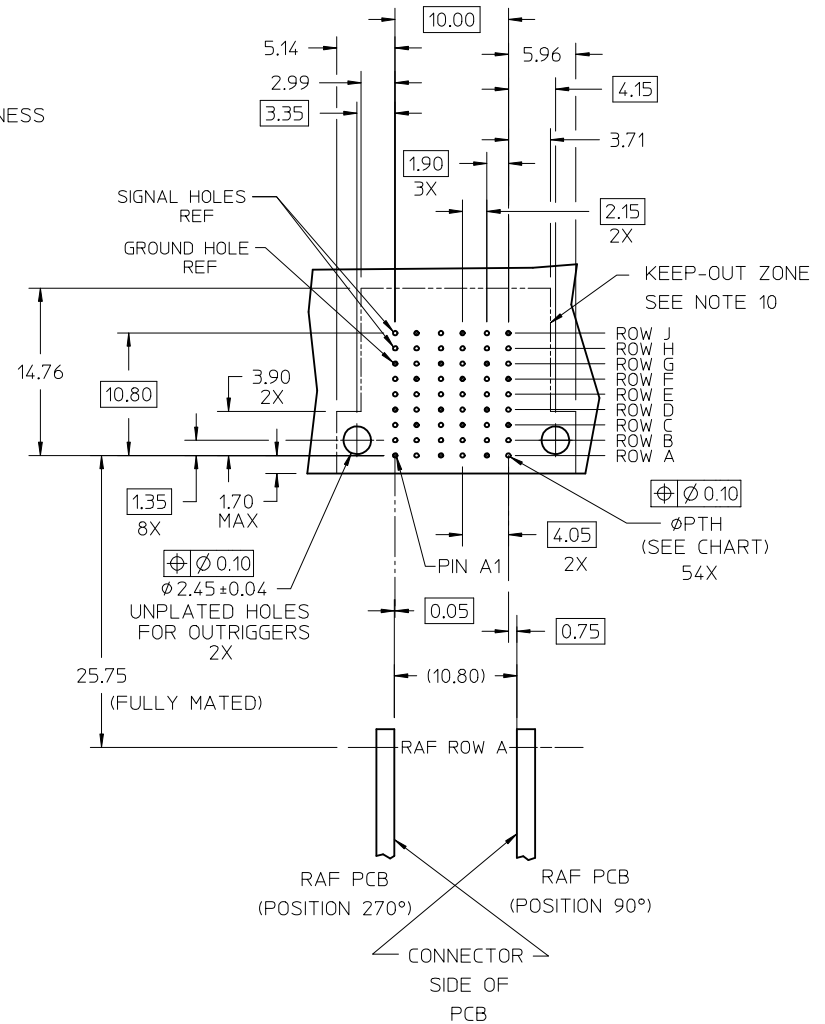
REFER TO MOLEX SALES DRAWING SD-76860-004
FOR MATING RECEPTACLES.

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.

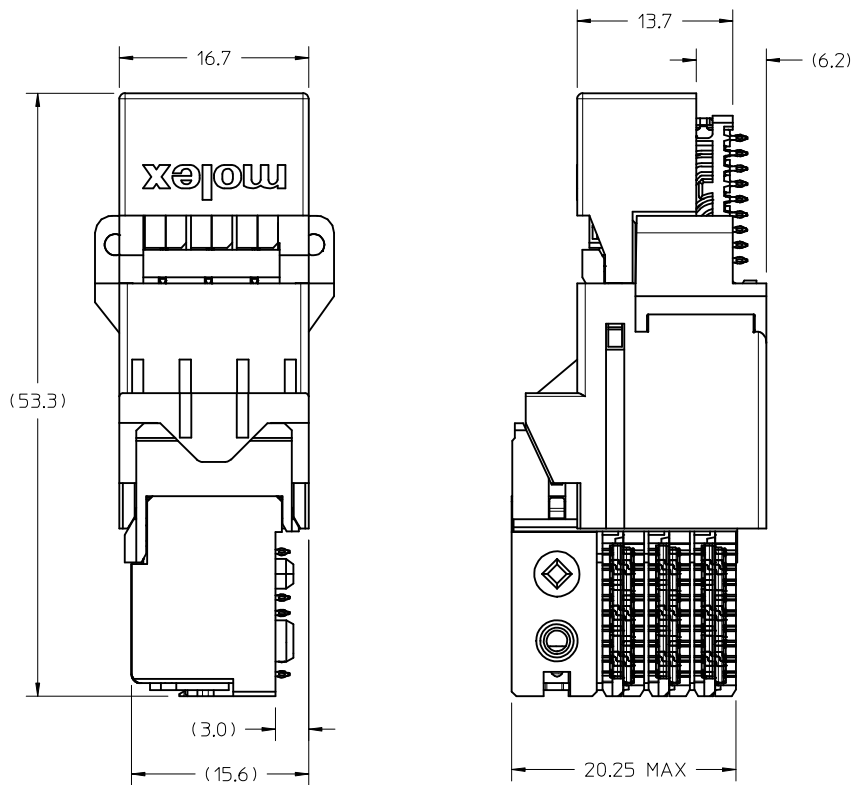
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	MATE POSITION	DIM P	PTH ϕ
171573-7634	6	18	270	4.90	0.46 $\pm$ 0.05
171573-7635	6	18	270	5.50	0.46 $\pm$ 0.05
171573-7637	6	18	270	4.90	0.39 $\pm$ 0.05
171573-7638	6	18	270	5.50	0.39 $\pm$ 0.05

SEE SHEET 1 EC NO: UCP2015-5544 DRWN: B. MILLER 2016/10/07 CHKD: APPR: TELO 2016/10/10	DESCRIPTION REV	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	± mm	± INCH	DRAWN BY JMENDOZA	DATE 2012/12/14	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY TOP GUIDED SALES DRAWING molex		
				± ---	± ---	CHECKED BY	DATE			
				± 0.13	± ---	TELO	2012/12/14			
				± 0.25	± ---	APPROVED BY	DATE			
				±	±	TELO	2013/12/26			
	ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-171573-0002		4 OF 4			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



OD-RAM HOLE PATTERN
(CONNECTOR SIDE)

2ND GATE AND OUTRIGGERS	EC NO: UCP2015-5544	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
	DRAWN BY: DORNBW MILLER CHKD: APPR: TELO			2016/10/07 2016/10/10	 =0  =0	mm	INCH	DRAWN BY	DATE	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY TOP GUIDED SALES DRAWING	
						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-171573-0002	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								



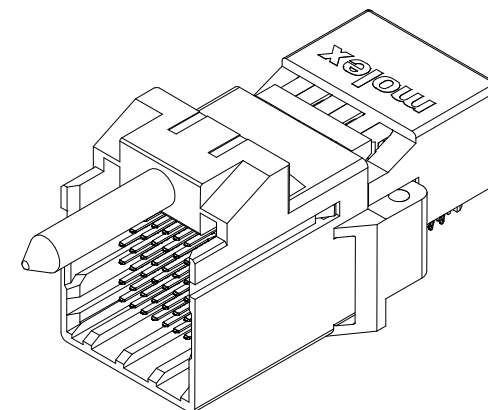
171573-76**

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

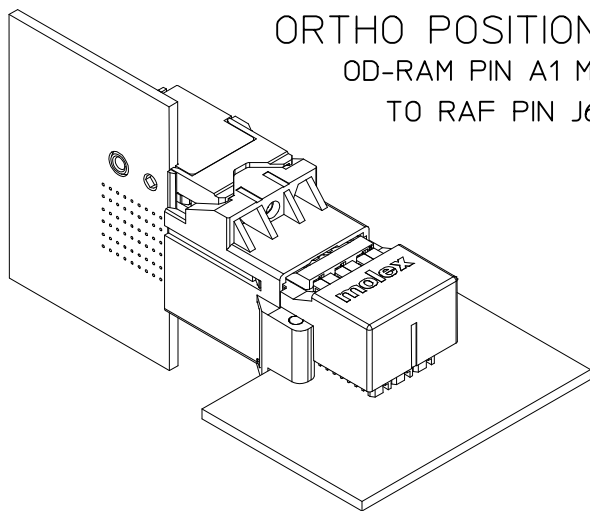


MATED DIMENSIONS (POSITION 90° SHOWN)

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.
11. MARKING: LOCATED APPROXIMATELY AS SHOWN, ON BOTTOM OR TOP HOUSING.

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 2012/12/14	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.		DOCUMENT NO.		SHEET NO.	
				1 PLACE	± 0.25	± ---	SEE CHART		SD-171573-0002		2 OF 4	
				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				



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

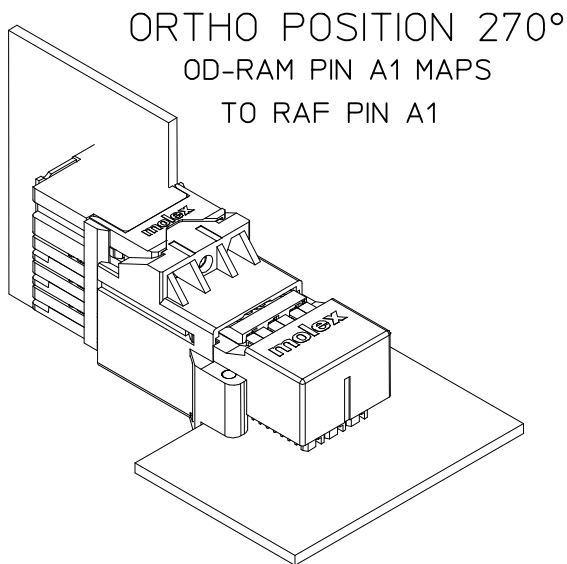
REFER TO MOLEX SALES DRAWING SD-76860-002
FOR MATING RECEPTACLES.

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: UCP2015-5544 DRWN: B. MILLER 2016/10/07 CHKD: APPR: TELO 2016/10/10	DESCRIPTION REV	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 2012/12/14	TITLE IMPACT ORTHOGONAL DIRECT 3 PAIR RAM 90 & 270 ASSY TOP GUIDED SALES DRAWING							
					CHECKED BY TELO	DATE 2012/12/14								
					APPROVED BY TELO	DATE 2013/12/26	MOLEX INCORPORATED							
			ANGULAR $\pm 1/2^\circ$		MATERIAL NO.		DOCUMENT NO.							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-171573-0002							
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
							SHEET NO. 3 OF 4							



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: UCP2015-5544 DRWN: B. MILLER 2016/10/07 CHKD: APPR: TELO 2016/10/10	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 molex				
			4 PLACES	±---	±---	CHECKED BY TELO	DATE 2012/12/14					
			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-171573-0002		4 OF 4		
			0 PLACE	±	±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
			ANGULAR ±1/2°		SIZE C							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									