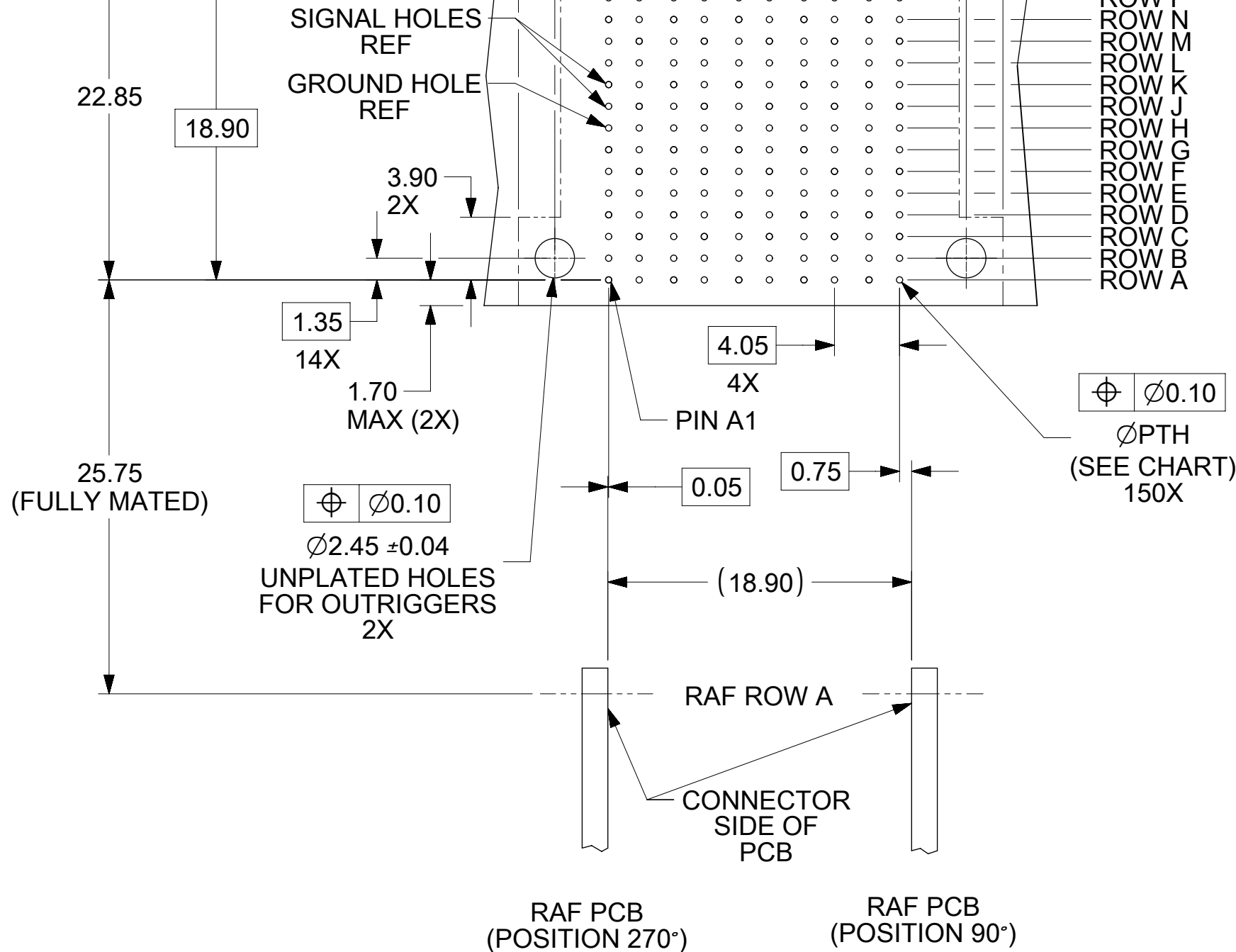
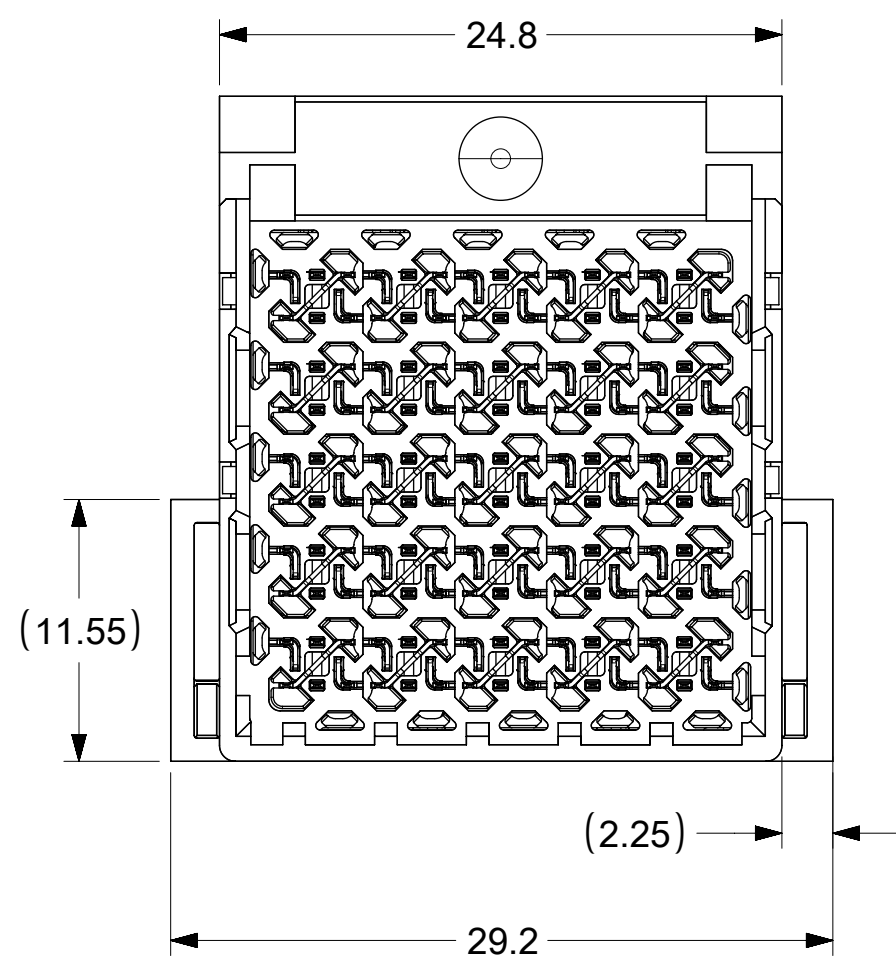
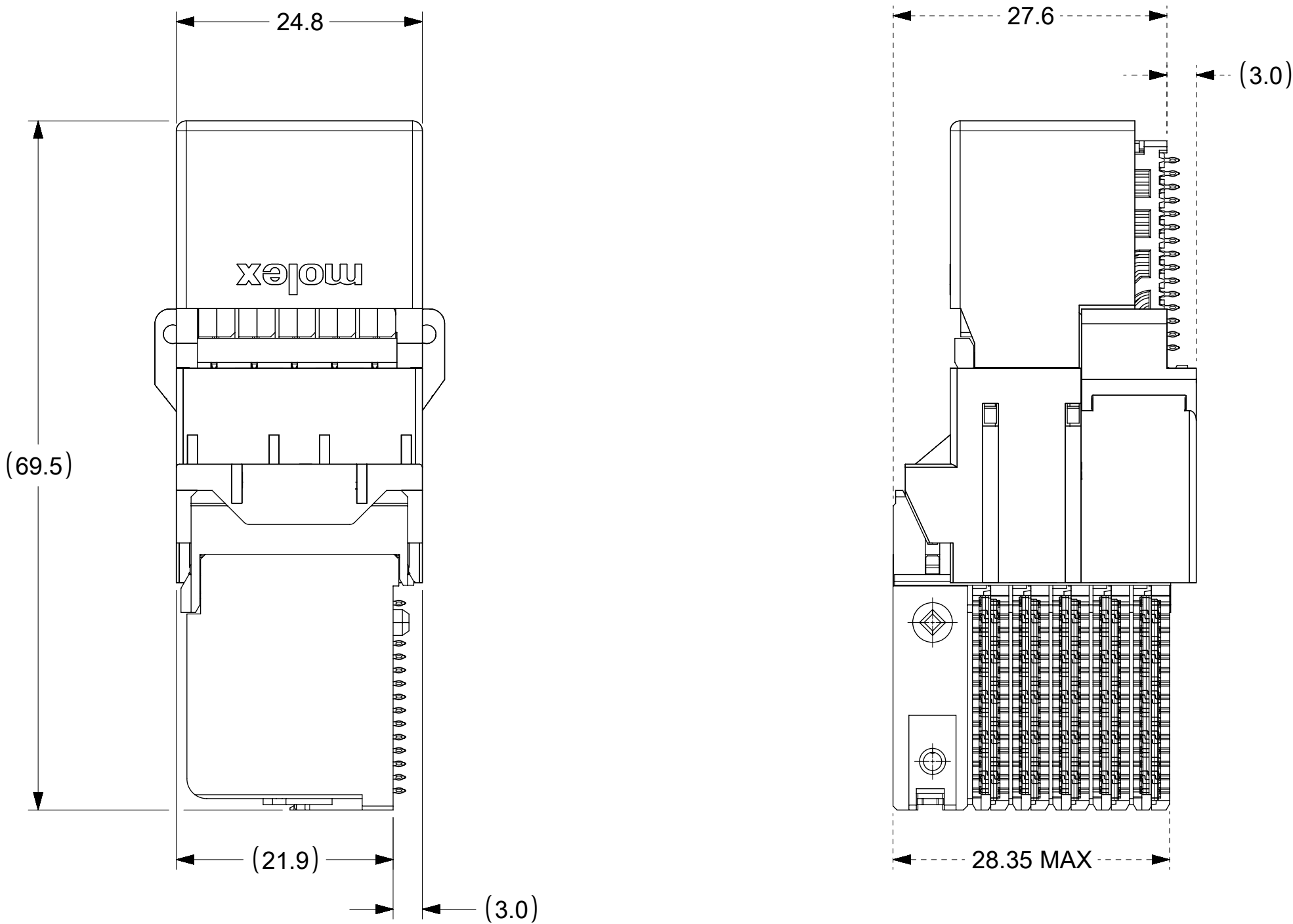




OD-RAM HOLE PATTERN (CONNECTOR SIDE)



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS MM		SCALE 3:1		CURRENT REV DESC: MIGRATED TO NX EC NO: 604521 DRWN: CWANG25 2018/09/17 CHK'D: BOKOK 2018/09/17 APPR: SHONG 2018/10/16 INITIAL REVISION: DRWN: JMEMDOZA 2012/04/13 APPR: TELO 2013/12/26		molex IMPACT ORTHOGONAL DIRECT 5 PAIR RAM 90 & 270 ASSY TOP GUIDE SALES DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 0.5 °						PRODUCT CUSTOMER DRAWING			
4 PLACES ±									
3 PLACES ±									
2 PLACES ± 0.13				DOCUMENT NUMBER SD-171575-0002		DOC TYPE PSD	DOC PART 001	REVISION B4	
1 PLACE ± 0.25									
0 PLACES ±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING C-SIZE	SERIES 171575	MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 4



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-70873-8022.
 6. SEE SHEETS 3 AND 4 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 REFERED TO AS THE
"CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT THE ACTUAL PERIMETER
OF THE CONNECTOR.
 11. MARKING: LOCATED APPROXIMATELY AS SHOWN, ON THE BOTTOM OR TOP OF
HOUSING. PART NUMBER AND DATE CODE.

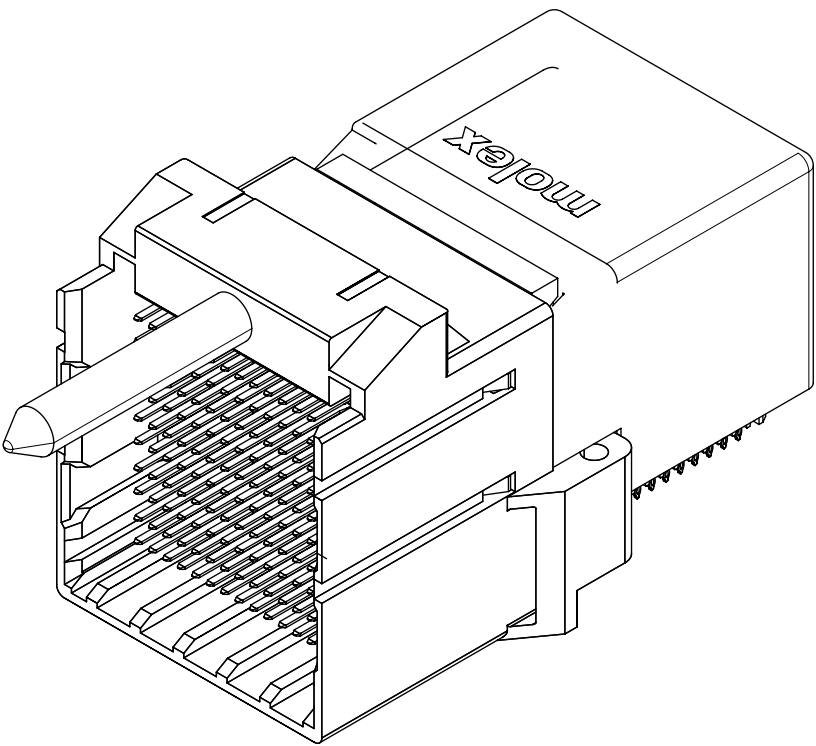
171575-71**

MODULE TYPE
7 = TOP GUIDED, TIN

OF COLUMNS
1 = 10 COLUMN

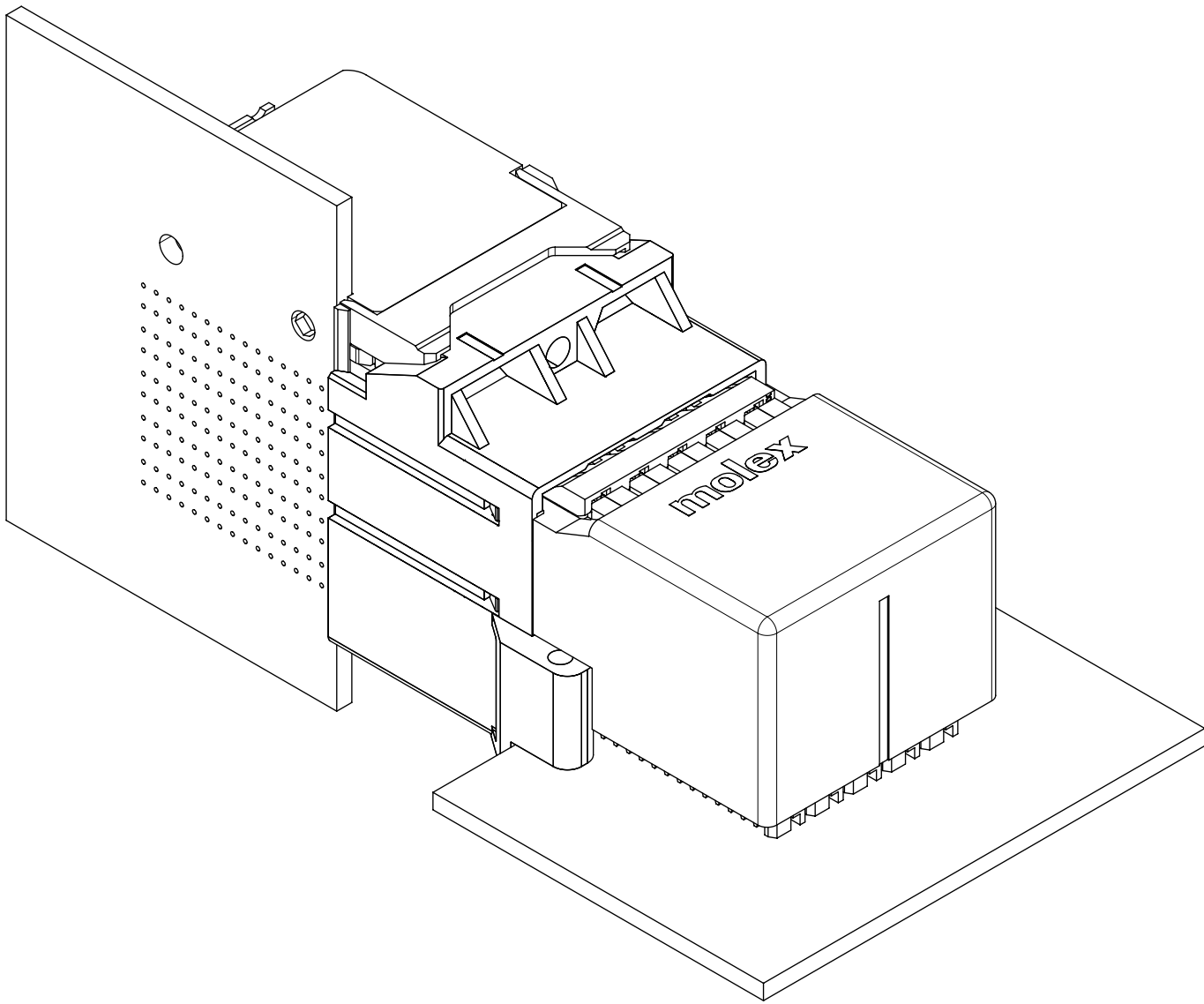
PIN LENGTH (P)
4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.39 PTH)
8 = 5.50 (0.39 PTH)

MATE POSITION
0 = 90 DEGREE
3 = 270 DEGREE



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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX EC NO: 604521 DRWN: CWANG25 2018/09/17 CHK'D: BOKOK 2018/09/17 APPR: SHONG 2018/10/16 INITIAL REVISION: DRWN: JMENDOZA 2012/04/13 APPR: TELO 2013/12/26				molex IMPACT ORTHOGONAL DIRECT 5 PAIR RAM 90 & 270 ASSY TOP GUIDE SALES DRAWING							
MM		2:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								PRODUCT CUSTOMER DRAWING							
ANGULAR TOL ± 0.5 °															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.13													
1 PLACE		± 0.25						DOCUMENT NUMBER				DOC TYPE		DOC PART	
0 PLACES		±		SD-171575-0002				PSD		001		B4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		171575		SEE CHART		GENERAL MARKET		2 OF 4	

ORTHO POSITION 90°
OD-RAM PIN A1 MAPS
TO RAF PIN Q10



REFER TO MOLEX SALES DRAWING SD-76990-002
FOR MATING RECEPTACLES.

ORTHO PIN MAPPING

OPTION 90 (NEAR SIDE - FAR SIDE)									
A1-Q10	A2-P10	A3-M10	A4-L10	A5-J10	A6-H10	A7-F10	A8-E10	A9-C10	A10-B10
B1-Q9	B2-N10	B3-M9	B4-K10	B5-J9	B6-G10	B7-F9	B8-D10	B9-C9	B10-A10
C1-P9	C2-N9	C3-L9	C4-K9	C5-H9	C6-G9	C7-E9	C8-D9	C9-B9	C10-A9
D1-Q8	D2-P8	D3-M8	D4-L8	D5-J8	D6-H8	D7-F8	D8-E8	D9-C8	D10-B8
E1-Q7	E2-N8	E3-M7	E4-K8	E5-J7	E6-G8	E7-F7	E8-D8	E9-C7	E10-A8
F1-P7	F2-N7	F3-L7	F4-K7	F5-H7	F6-G7	F7-E7	F8-D7	F9-B7	F10-A7
G1-Q6	G2-P6	G3-M6	G4-L6	G5-J6	G6-H6	G7-F6	G8-E6	G9-C6	G10-B6
H1-Q5	H2-N6	H3-M5	H4-K6	H5-J5	H6-G6	H7-F5	H8-D6	H9-C5	H10-A6
J1-P5	J2-N5	J3-L5	J4-K5	J5-H5	J6-G5	J7-E5	J8-D5	J9-B5	J10-A5
K1-Q4	K2-P4	K3-M4	K4-L4	K5-J4	K6-H4	K7-F4	K8-E4	K9-C4	K10-B4
L1-Q3	L2-N4	L3-M3	L4-K4	L5-J3	L6-G4	L7-F3	L8-D4	L9-C3	L10-A4
M1-P3	M2-N3	M3-L3	M4-K3	M5-H3	M6-G3	M7-E3	M8-D3	M9-B3	M10-A3
N1-Q2	N2-P2	N3-M2	N4-L2	N5-J2	N6-H2	N7-F2	N8-E2	N9-C2	N10-B2
P1-Q1	P2-N2	P3-M1	P4-K2	P5-J1	P6-G2	P7-F1	P8-D2	P9-C1	P10-A2
Q1-P1	Q2-N1	Q3-L1	Q4-K1	Q5-H1	Q6-G1	Q7-E1	Q8-D1	Q9-B1	Q10-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 Ø
171575-7104	10	50	90	4.90	0.46±0.05
171575-7105	10	50	90	5.50	0.46±0.05
171575-7107	10	50	90	4.90	0.39±0.05
171575-7108	10	50	90	5.50	0.39±0.05

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DIMENSION UNITS	SCALE	CURRENT REV DESC: MIGRATED TO NX		
MM	2:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 604521 DRWN: CWANG252018/09/17 CHK'D: BOKOK2018/09/17 APPR: SHONG2018/10/16 INITIAL REVISION: DRWN: JMENDOZA2012/04/13 APPR: TELO2013/12/26		
ANGULAR TOL	± 0.5 °			
4 PLACES	±			
3 PLACES	±			
2 PLACES	± 0.13			
1 PLACE	± 0.25			
0 PLACES	±			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			C-SIZE	171575

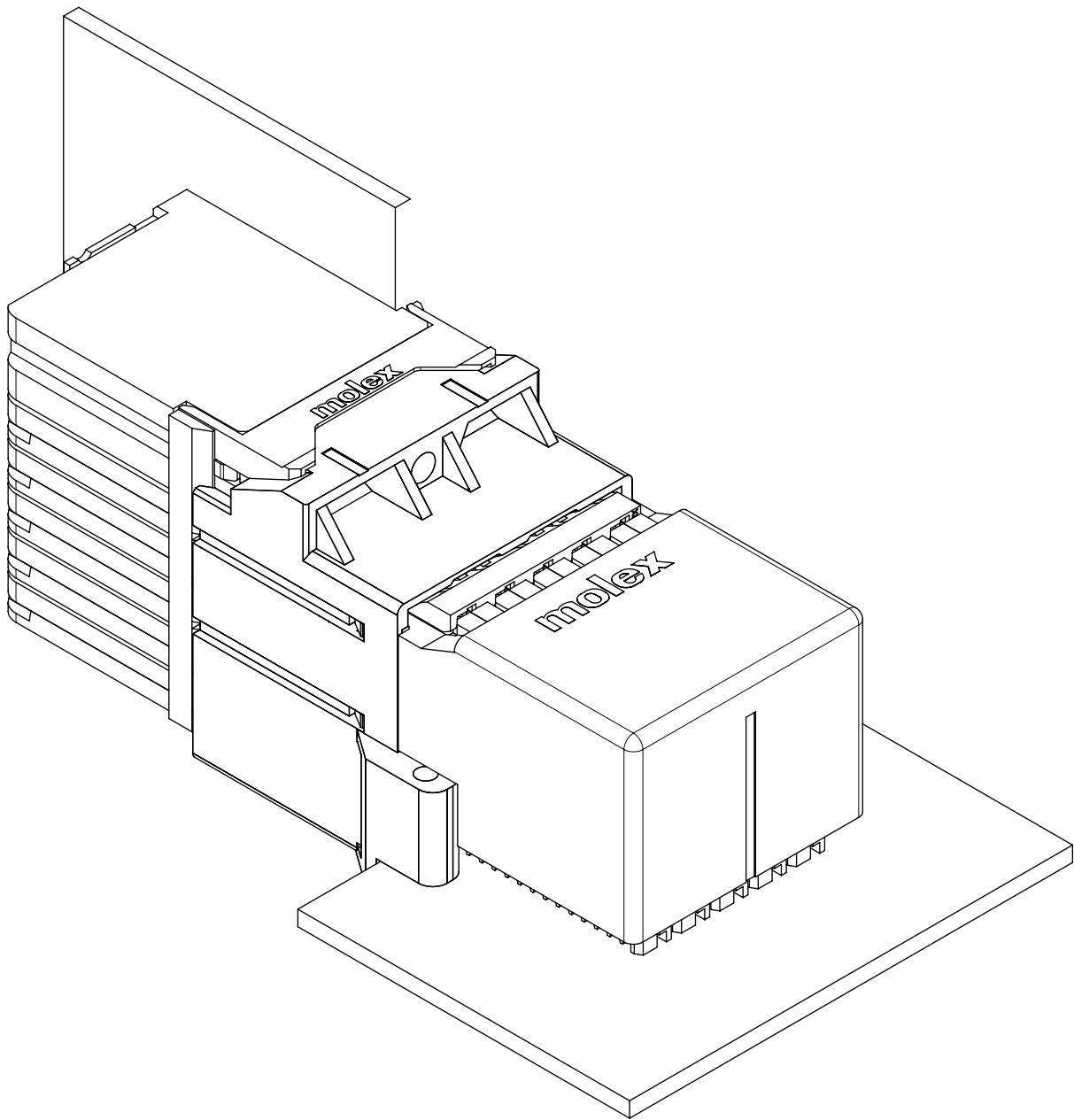
IMPACT ORTHOGONAL DIRECT
5 PAIR RAM 90 & 270 ASSY TOP GUIDE SALES
DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-171575-0002	PSD	001	B4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	3 OF 4

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



REFER TO MOLEX SALES DRAWING SD-76990-004
FOR MATING RECEPTACLES.

ORTHO PIN MAPPING

OPTION 270 (NEAR SIDE - FAR SIDE)									
A1-A1	A2-B1	A3-D1	A4-E1	A5-G1	A6-H1	A7-K1	A8-L1	A9-N1	A10-P1
B1-A2	B2-C1	B3-D2	B4-F1	B5-G2	B6-J1	B7-K2	B8-M1	B9-N2	B10-Q1
C1-B2	C2-C2	C3-E2	C4-F2	C5-H2	C6-J2	C7-L2	C8-M2	C9-P2	C10-Q2
D1-A3	D2-B3	D3-D3	D4-E3	D5-G3	D6-H3	D7-K3	D8-L3	D9-N3	D10-P3
E1-A4	E2-C3	E3-D4	E4-F3	E5-G4	E6-J3	E7-K4	E8-M3	E9-N4	E10-Q3
F1-B4	F2-C4	F3-E4	F4-F4	F5-H4	F6-J4	F7-L4	F8-M4	F9-P4	F10-Q4
G1-A5	G2-B5	G3-D5	G4-E5	G5-G5	G6-H5	G7-K5	G8-L5	G9-N5	G10-P5
H1-A6	H2-C5	H3-D6	H4-F5	H5-G6	H6-J5	H7-K6	H8-M5	H9-N6	H10-Q5
J1-B6	J2-C6	J3-E6	J4-F6	J5-H6	J6-J6	J7-L6	J8-M6	J9-P6	J10-Q6
K1-A7	K2-B7	K3-D7	K4-E7	K5-G7	K6-H7	K7-K7	K8-L7	K9-N7	K10-P7
L1-A8	L2-C7	L3-D8	L4-F7	L5-G8	L6-J7	L7-K8	L8-M7	L9-N8	L10-Q7
M1-B8	M2-C8	M3-E8	M4-F8	M5-H8	M6-J8	M7-L8	M8-M8	M9-P8	M10-Q8
N1-A9	N2-B9	N3-D9	N4-E9	N5-G9	N6-H9	N7-K9	N8-L9	N9-N9	N10-P9
P1-A10	P2-C9	P3-D10	P4-F9	P5-G10	P6-J9	P7-K10	P8-M9	P9-N10	P10-Q9
Q1-B10	Q2-C10	Q3-E10	Q4-F10	Q5-H10	Q6-J10	Q7-L10	Q8-M10	Q9-P10	Q10-Q10

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
171575-7134	10	50	270	4.90	0.46±0.05
171575-7135	10	50	270	5.50	0.46±0.05
171575-7137	10	50	270	4.90	0.39±0.05
171575-7138	10	50	270	5.50	0.39±0.05

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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX			molex		
MM		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				IMPACT ORTHOGONAL DIRECT 5 PAIR RAM 90 & 270 ASSY TOP GUIDE SALES DRAWING					
ANGULAR TOL ± 0.5 °									
4 PLACES		±		EC NO: 604521			PRODUCT CUSTOMER DRAWING		
3 PLACES		±		DRWN: CWANG25					

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/16	00:10:21
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