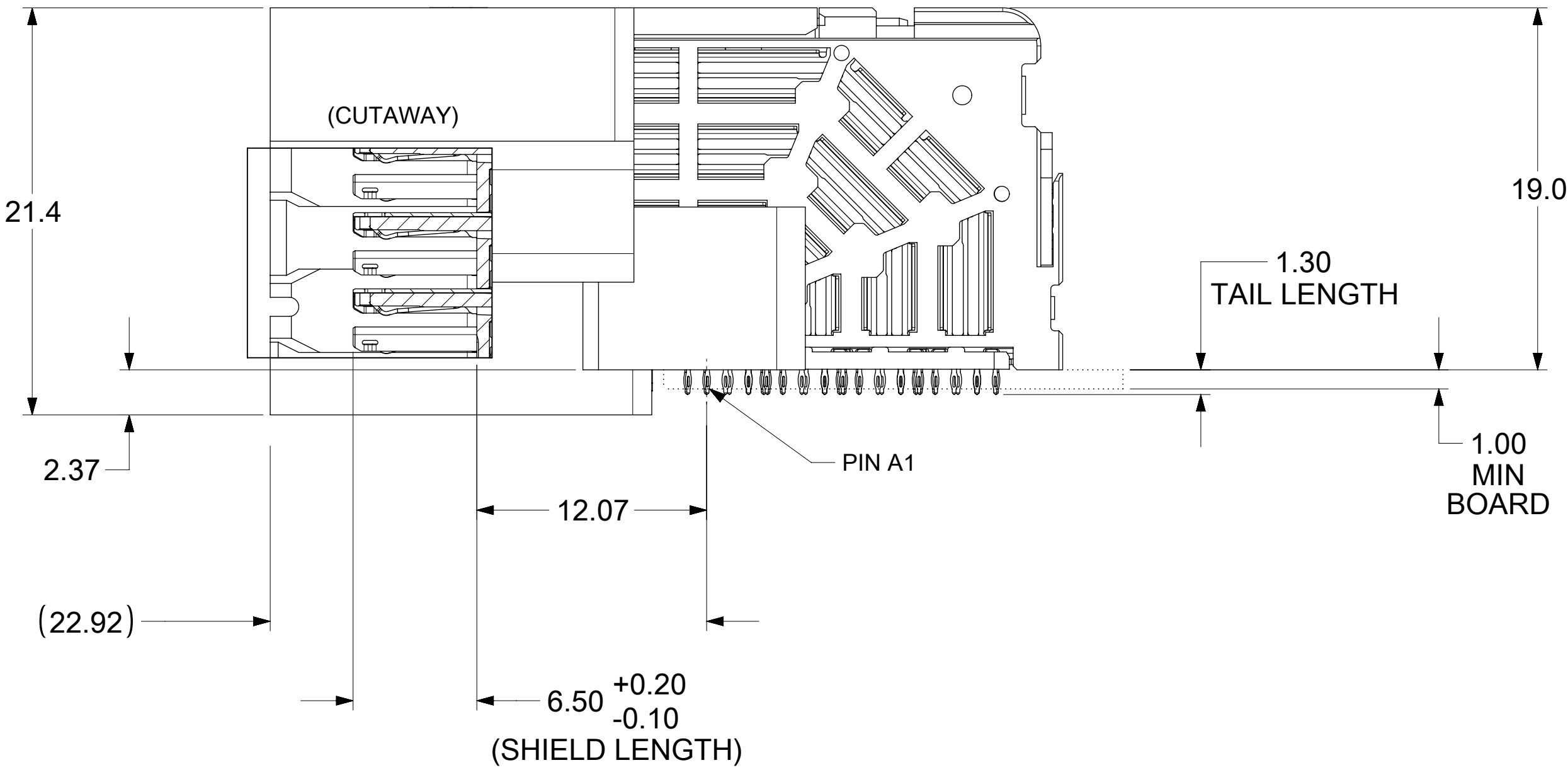
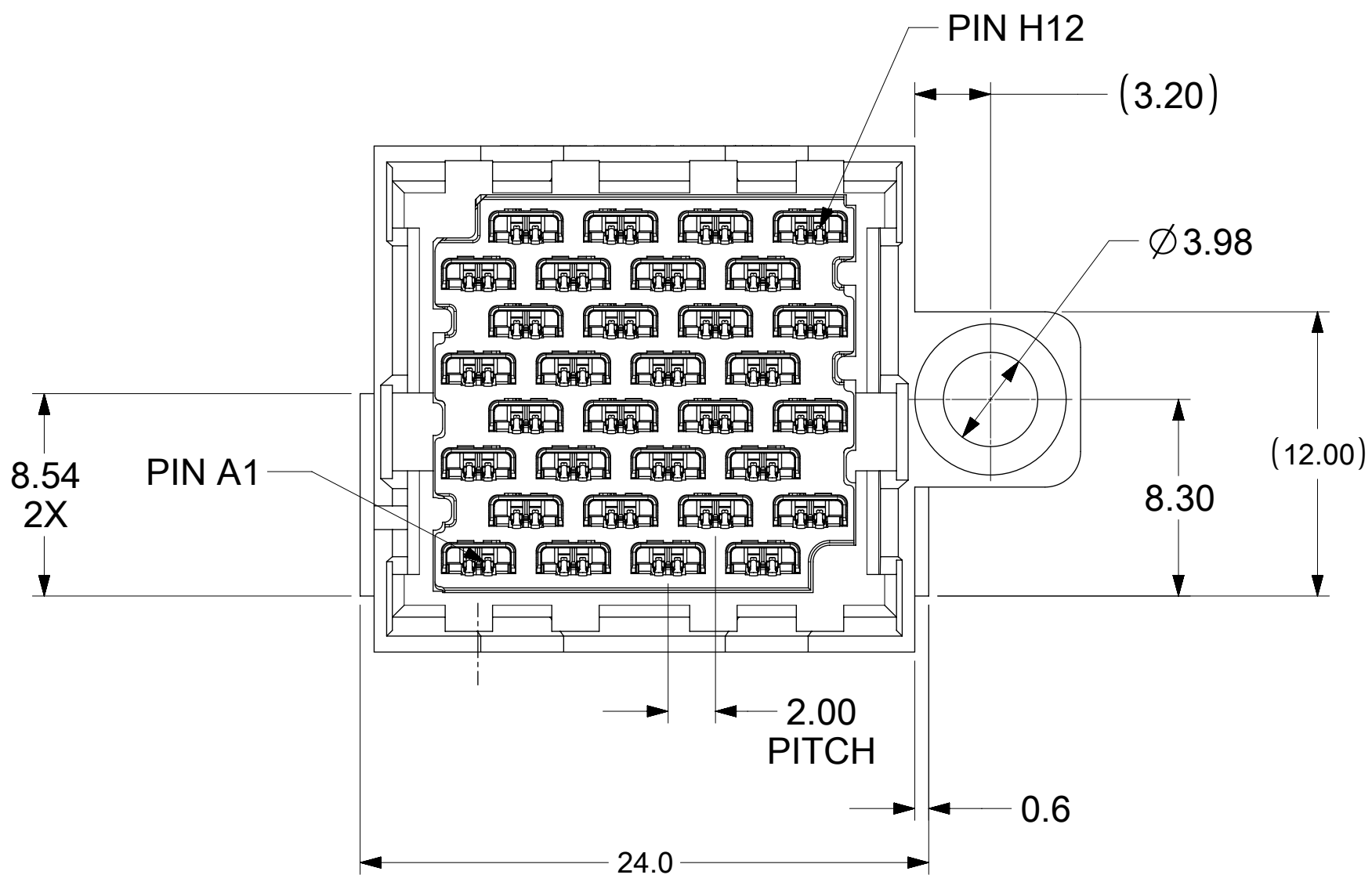
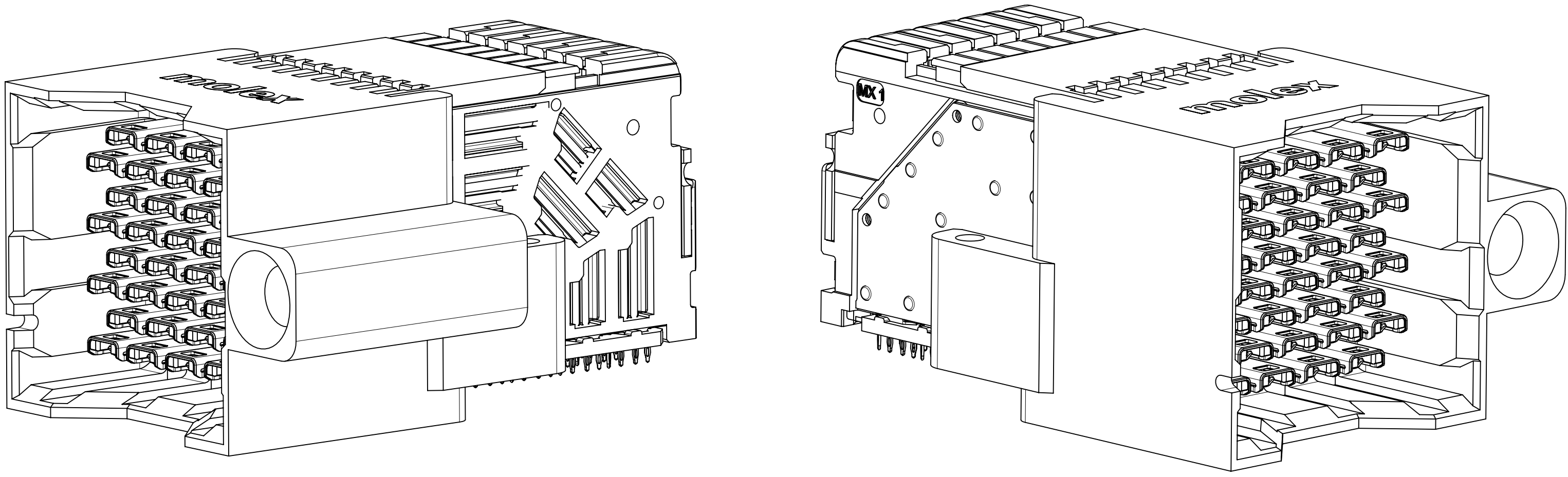
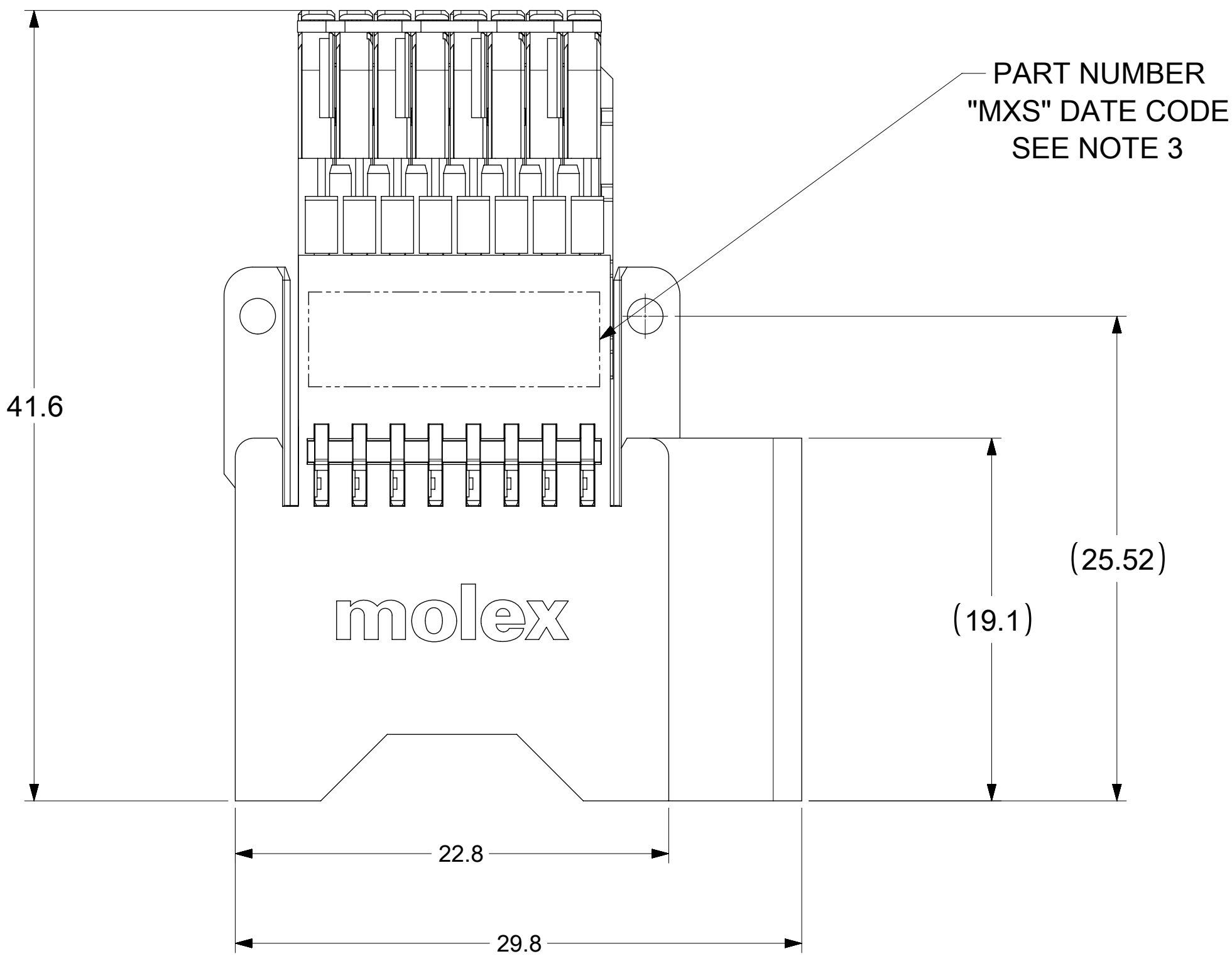
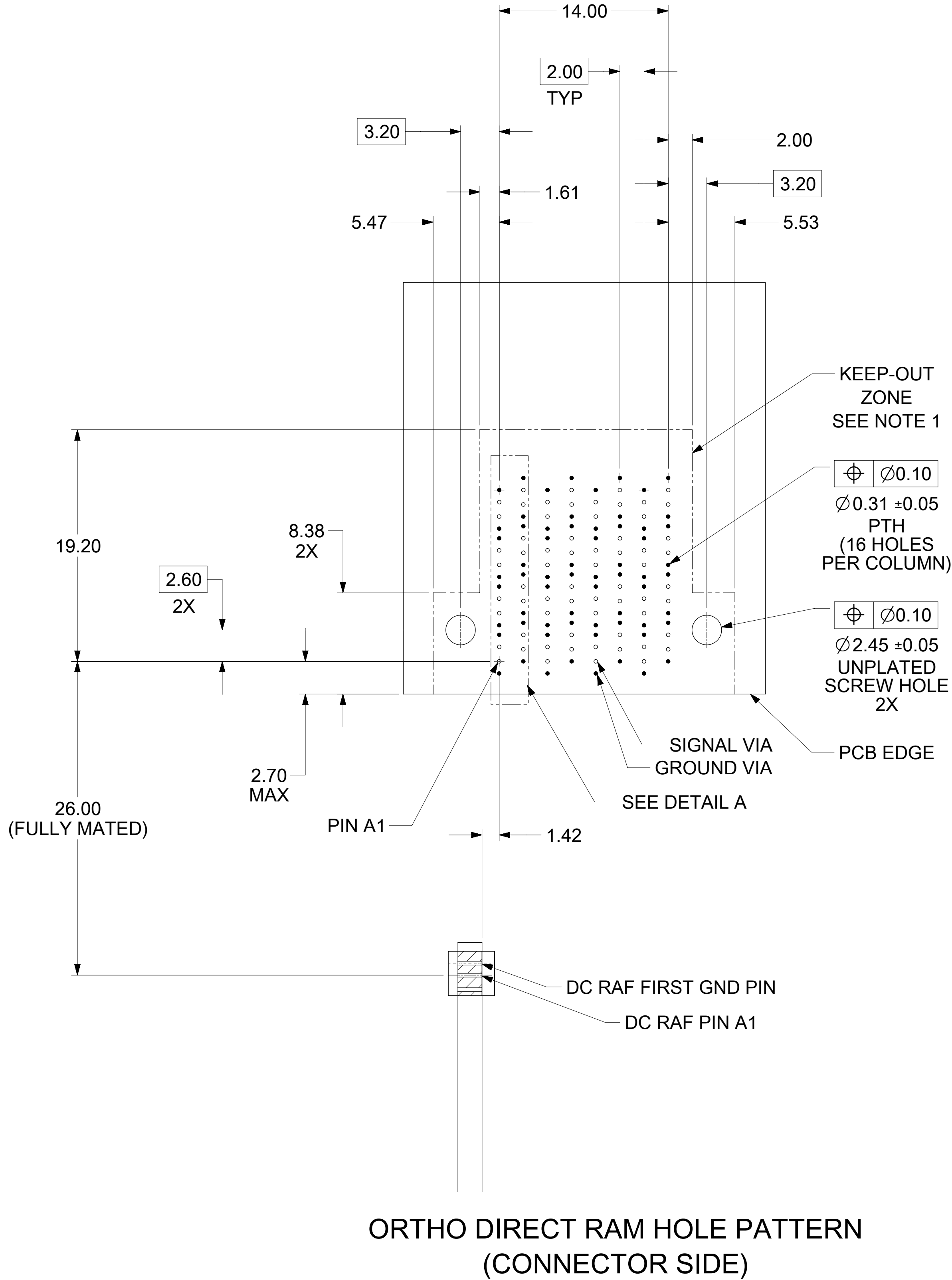




- NOTES:
1. MATERIALS: HOUSING: LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0
TERMINALS: HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: SELECTIVE GOLD IN SIGNAL AND U-SHIELD CONTACT AREA ONLY.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. PARTS ARE MARKED WITH THE PART NUMBER, "MXS", AND A DATECODE.
DATECODE FORMAT: 2 DIGIT YEAR, 3 DIGIT DAY (YYDDD), AND 3 DIGIT HOUR, MINUTE & SECONDS (HHMMSS).
 4. REFER TO MOLEX PRODUCT SPECIFICATION 1735109000-PS_PS FOR PERFORMANCE SPECIFICATIONS.
 5. PRODUCT WILL BE PACKAGED PER: 1736101000PDD_PK.
 6. MATES WITH IMPULSE DC RAF (RIGHT ANGLE FEMALE) NUMBER: 173540-9009.
 7. APPLICATION SPECIFICATION: 1735109997-AS_PS.
 8. REFER TO IMPULSE PCB ROUTING GUIDE 1735109999-AS_PS FOR ANTIPAD,
ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB INFORMATION.
 9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 10. SEE SHEETS 2, 3 AND 4 FOR PCB LAYOUT AND MATED DIMENSIONS, AND ORTHOGONAL PIN MAPPING.
 11. CONNECTORS ARE SUPPLIED WITH TWO 2-32 THREAD FORMING SCREWS (P/N 73726-0000).

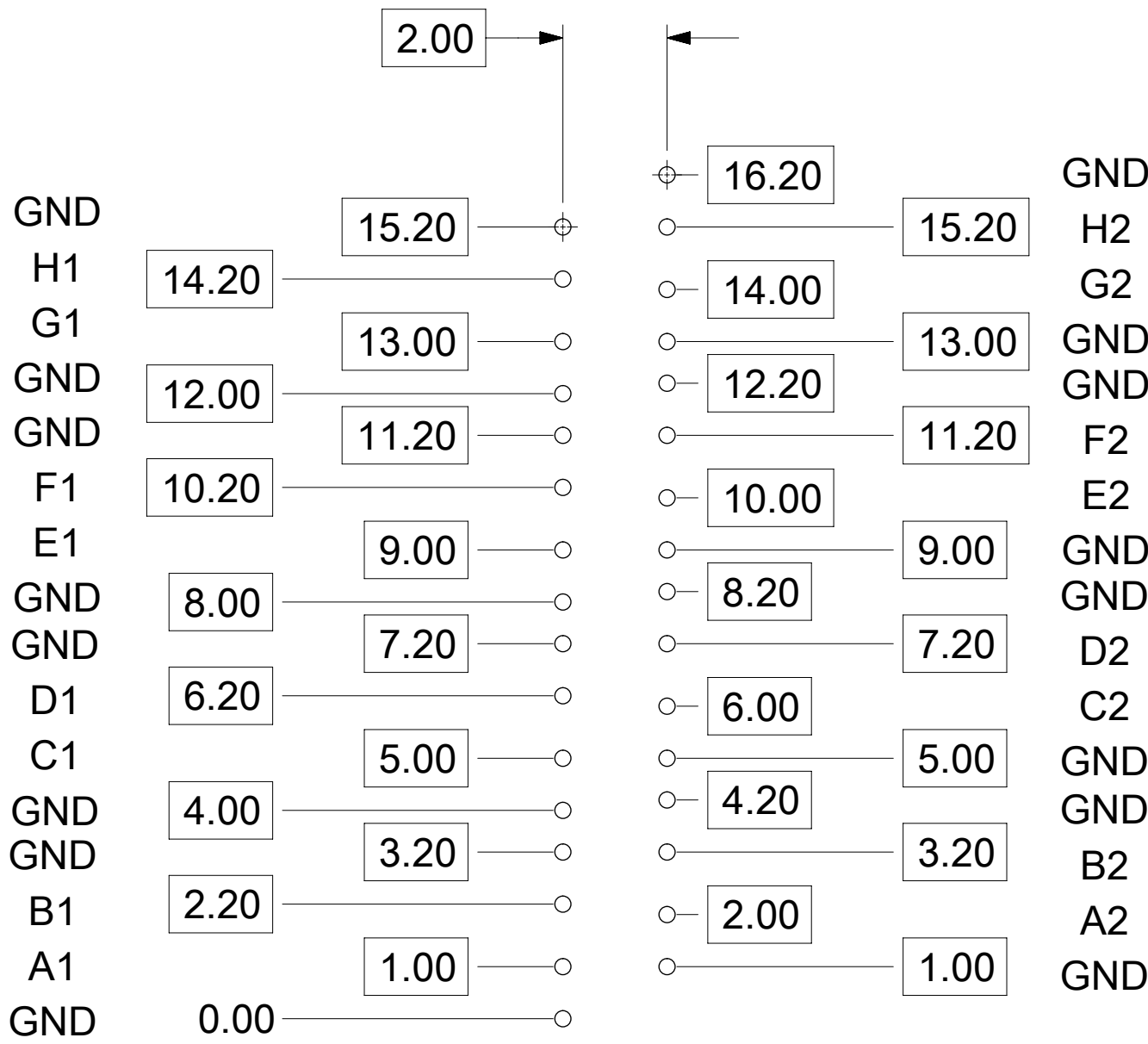
FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED 12 COLUMN NOTE FROM SHEET 1					molex IMPULSE 4 PAIR ORTHO DIRECT RAM 270° - GUIDE RIGHT								
	mm		4:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 675502 DRWN: JMENDOZA01 2021/08/24 CHK'D: JMENDOZA01 2021/08/30 APPR: JMENDOZA01 2021/08/30								
	ANGULAR TOL ± 0.5°																	
	4 PLACES		±															
	3 PLACES		±															
	2 PLACES		± 0.13															
	1 PLACE		± 0.25		INITIAL REVISION: DRWN: FGRZELAK 2019/08/27 APPR: JMENDOZA01 2020/10/01					DOCUMENT NUMBER			DOC TYPE		DOC PART		REVISION	
	0 PLACES		±							2111309004			PSD		000		A1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER			SHEET NUMBER			
						D-SIZE		211130		2111309004		GENERAL MARKET			1 OF 3			

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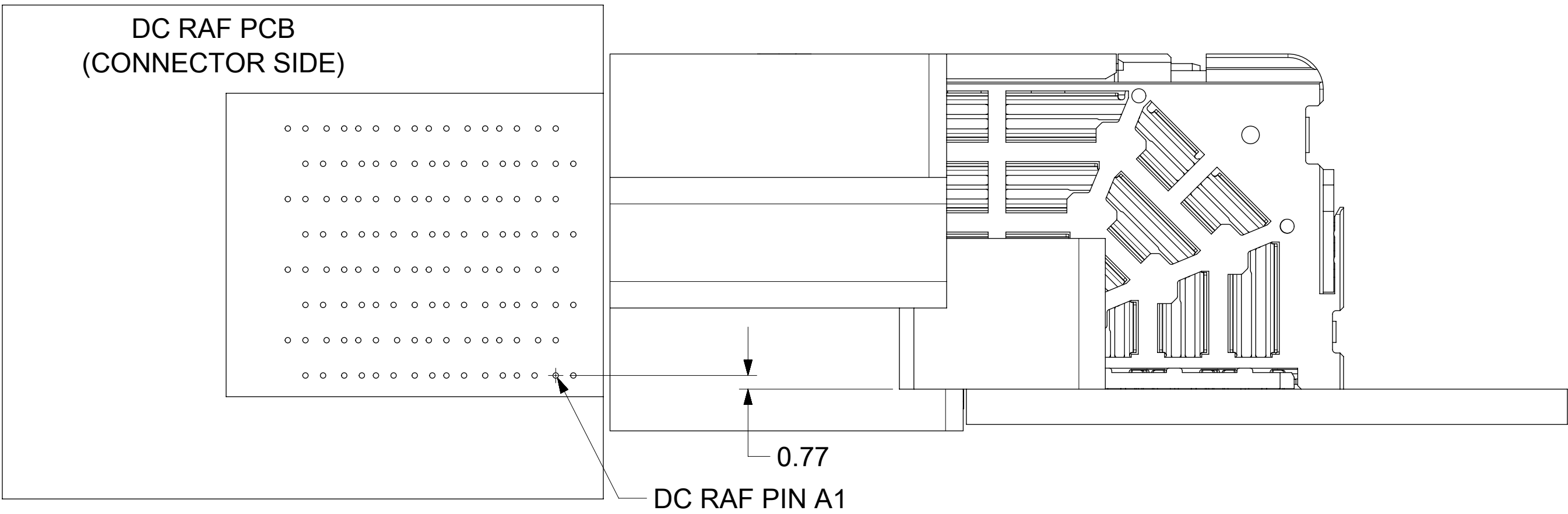
ORTHO DIRECT RAM HOLE PATTERN
(CONNECTOR SIDE)

- NOTES:
- THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR ON THE PCB. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR.
 - MINIMUM PCB THICKNESS: 1.0mm



ODD COLUMN
DIMENSIONS

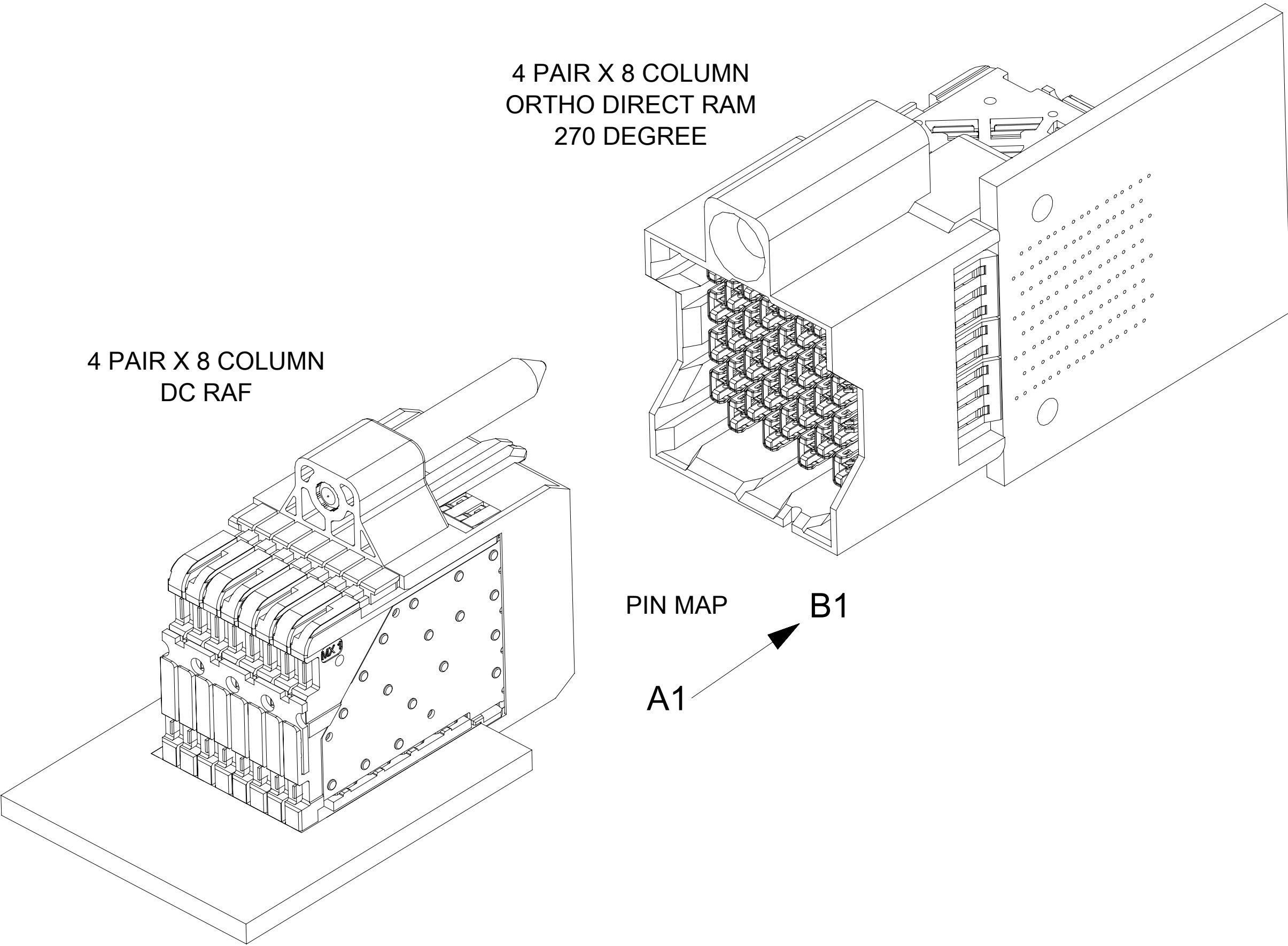
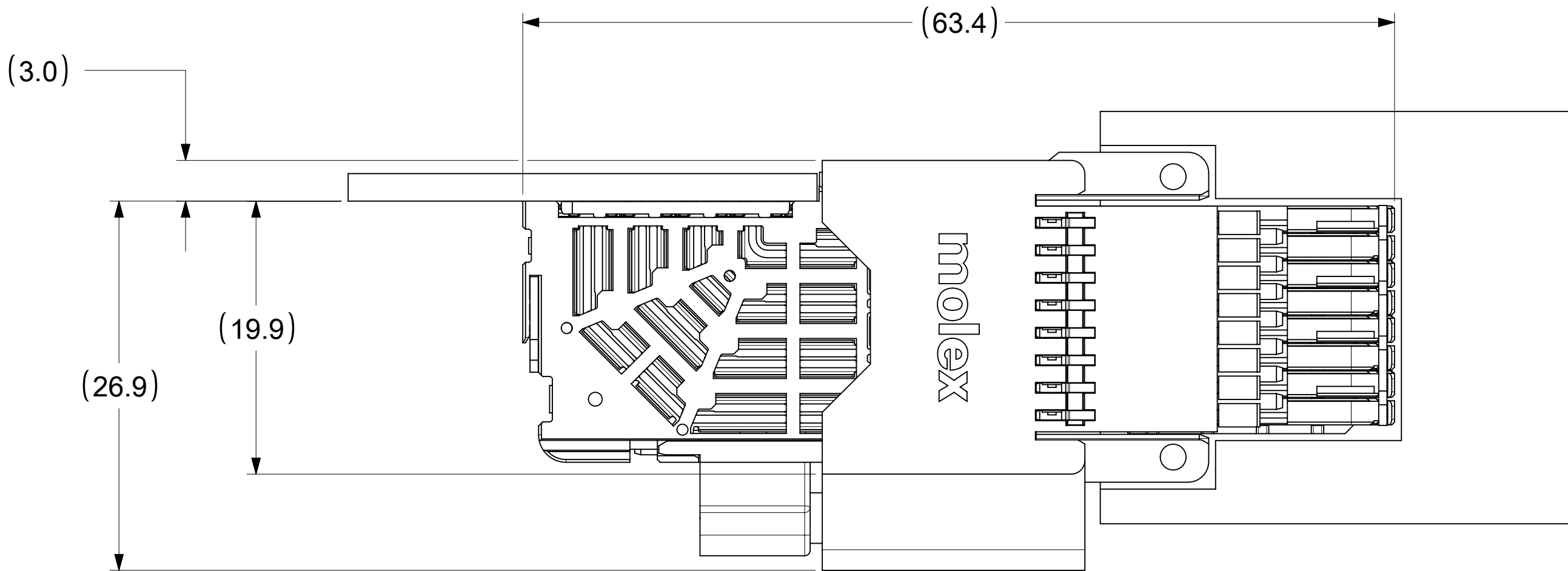
EVEN COLUMN
DIMENSIONS



FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
F A = 0 F C = 0 F P = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED 12 COLUMN NOTE FROM SHEET 1											
		mm		4:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)															
DIVISIONAL SYMBOLS		ANGULAR TOL ± 0.5°				EC NO: 675502 DRWN: JMENDOZA01 2021/08/24 CHK'D: JMENDOZA01 2021/08/30 APPR: JMENDOZA01 2021/08/30											
		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		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						D-SIZE		211130		2111309004		PSD		000		A1	
										2111309004		GENERAL MARKET		2 OF 3			

ORTHO PIN MAPPING							
(DC RAF - ORTHO DIRECT RAM)							
H1-A7	H2-B8	H3-C7	H4-D8	H5-E7	H6-F8	H7-G7	H8-H8
G1-B7	G2-A8	G3-D7	G4-C8	G5-F7	G6-E8	G7-H7	G8-G8
F1-A5	F2-B6	F3-C5	F4-D6	F5-E5	F6-F6	F7-G5	F8-H6
E1-B5	E2-A6	E3-D5	E4-C6	E5-F5	E6-E6	E7-H5	E8-G6
D1-A3	D2-B4	D3-C3	D4-D4	D5-E3	D6-F4	D7-G3	D8-H4
C1-B3	C2-A4	C3-D3	C4-C4	C5-F3	C6-E4	C7-H3	C8-G4
B1-A1	B2-B2	B3-C1	B4-D2	B5-E1	B6-F2	B7-G1	B8-H2
A1-B1	A2-A2	A3-D1	A4-C2	A5-F1	A6-E2	A7-H1	A8-G2

MATED DIMENSIONS



FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
		DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED 12 COLUMN NOTE FROM SHEET 1											
		mm		3:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)															
		ANGULAR TOL ± 0.5°															
		DIVISIONAL SYMBOLS		4 PLACES		±		EC NO: 675502									
3 PLACES				±		DRWN: JMENDOZA012021/08/24											
2 PLACES				± 0.13		CHK'D: JMENDOZA012021/08/30											
1 PLACE				± 0.25		APPR: JMENDOZA012021/08/30											
0 PLACES				±		INITIAL REVISION:											
						DRWN: FGRZELAK2019/08/27											
						APPR: JMENDOZA012020/10/01											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						D-SIZE		211130		2111309004		PSD		000		A1	

molex

IMPULSE 4 PAIR ORTHO DIRECT RAM
270° - GUIDE RIGHT

PRODUCT CUSTOMER DRAWING

2111309004

PSD

000

A1

2111309004

GENERAL MARKET

3 OF 3

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