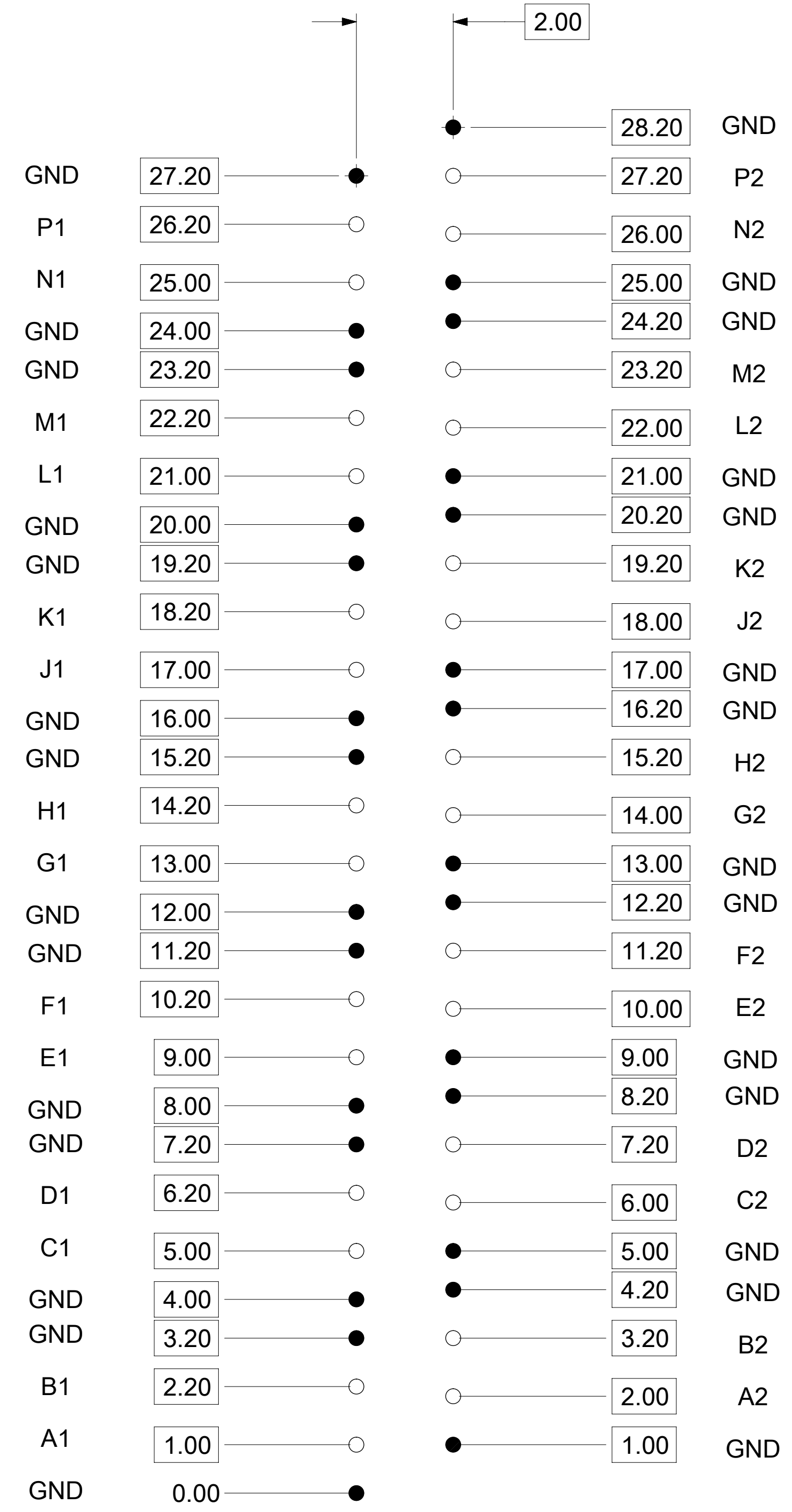
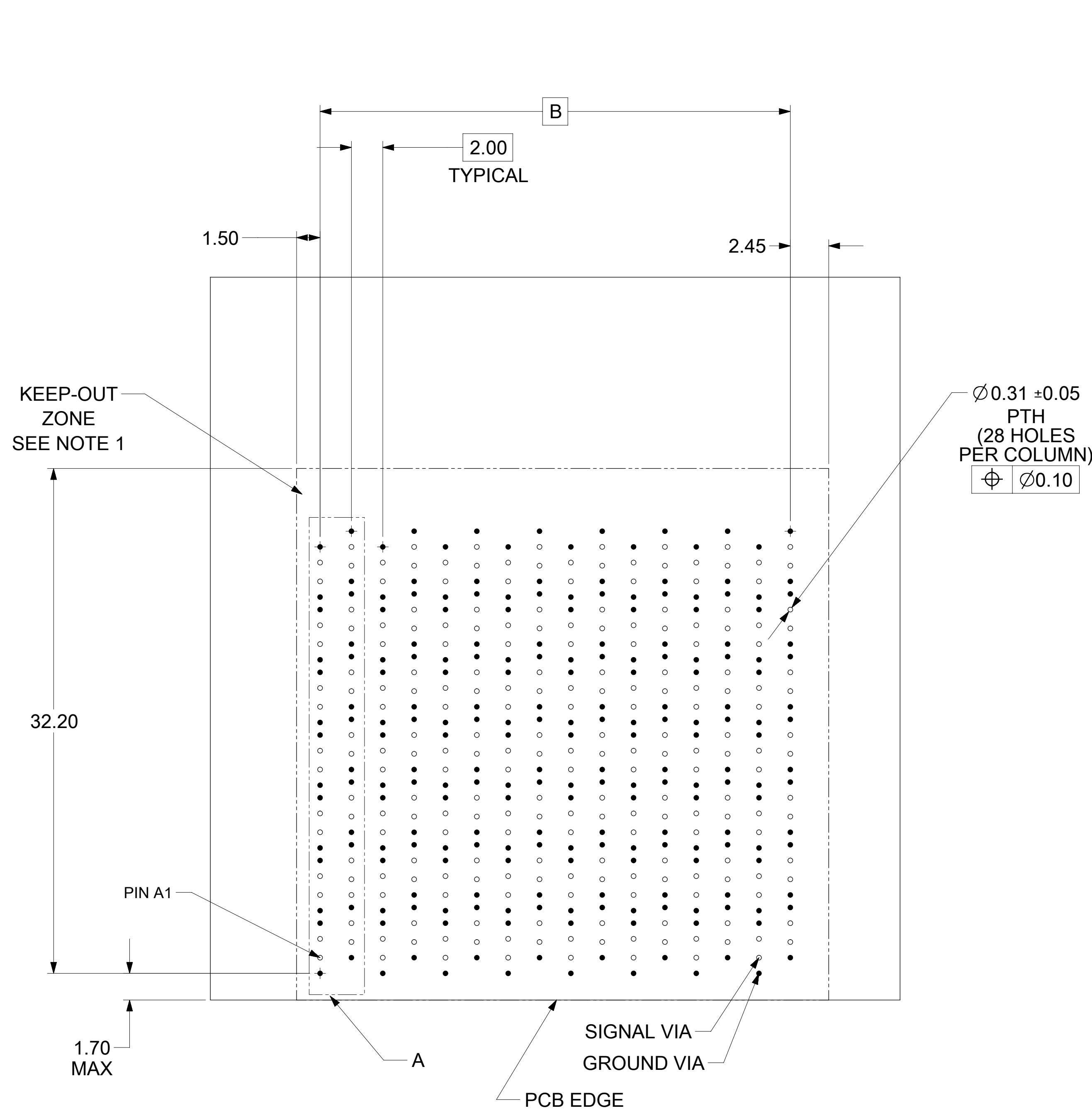


- NOTES:
- MATERIALS:
HOUSING: LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0
TERMINALS: HIGH PERFORMANCE COPPER ALLOY
 - FINISH: SELECTIVE GOLD IN SIGNAL AND GROUND SHIELD CONTACT AREA ONLY.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 - PARTS ARE MARKED WITH THE PART NUMBER, "MXS", AND A DATECODE.
DATECODE FORMAT: 2 DIGIT YEAR, 3 DIGIT DAY (YYDDD), AND 2 DIGIT HOUR, MINUTE & SECONDS (HHMMSS).
 - REFER TO MOLEX PRODUCT SPECIFICATION 1735109000-PS_PS FOR PERFORMANCE SPECIFICATIONS.
 - PRODUCT WILL BE PACKAGED PER: 1736202000PDD_PK.
 - MATES WITH IMPULSE OD-RAM SERIES NUMBERS: 173625 (8P 90°) AND 173520 (8P 270°).
 - APPLICATION SPECIFICATION: 1735109997-AS_PS.
 - REFER TO IMPULSE PCB ROUTING GUIDE 1735109999-AS FOR ANTIPAD,
ROUTING RECOMMENDATIONS, BACKDRILL, AND ADDITIONAL PCB INFORMATION.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 - SEE SHEETS 2 AND 3 FOR HOLE PATTERN DIMENSIONS.

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFFERENTIAL PAIRS	DIMENSION A	DIMENSION B	DIMENSION C
173620-1016	16	112	33.70	30	32.13

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATE PRINT FOR VISUAL UPDATE TO OVERALL VIEWS.		
	DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	3:1	ANGULAR TOL ± 0.5°		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	
DRWN: JMENDOZA01 2021/09/27		CHK'D: JMENDOZA01 2021/09/27		APPR: JMENDOZA01 2021/09/27	
DRWN: TIBARRA 2019/07/29		APPR: JMENDOZA01 2019/08/02		INITIAL REVISION:	
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
1736201000		PSD	000	C1	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE TABLE		GENERAL MARKET		1 OF 3	

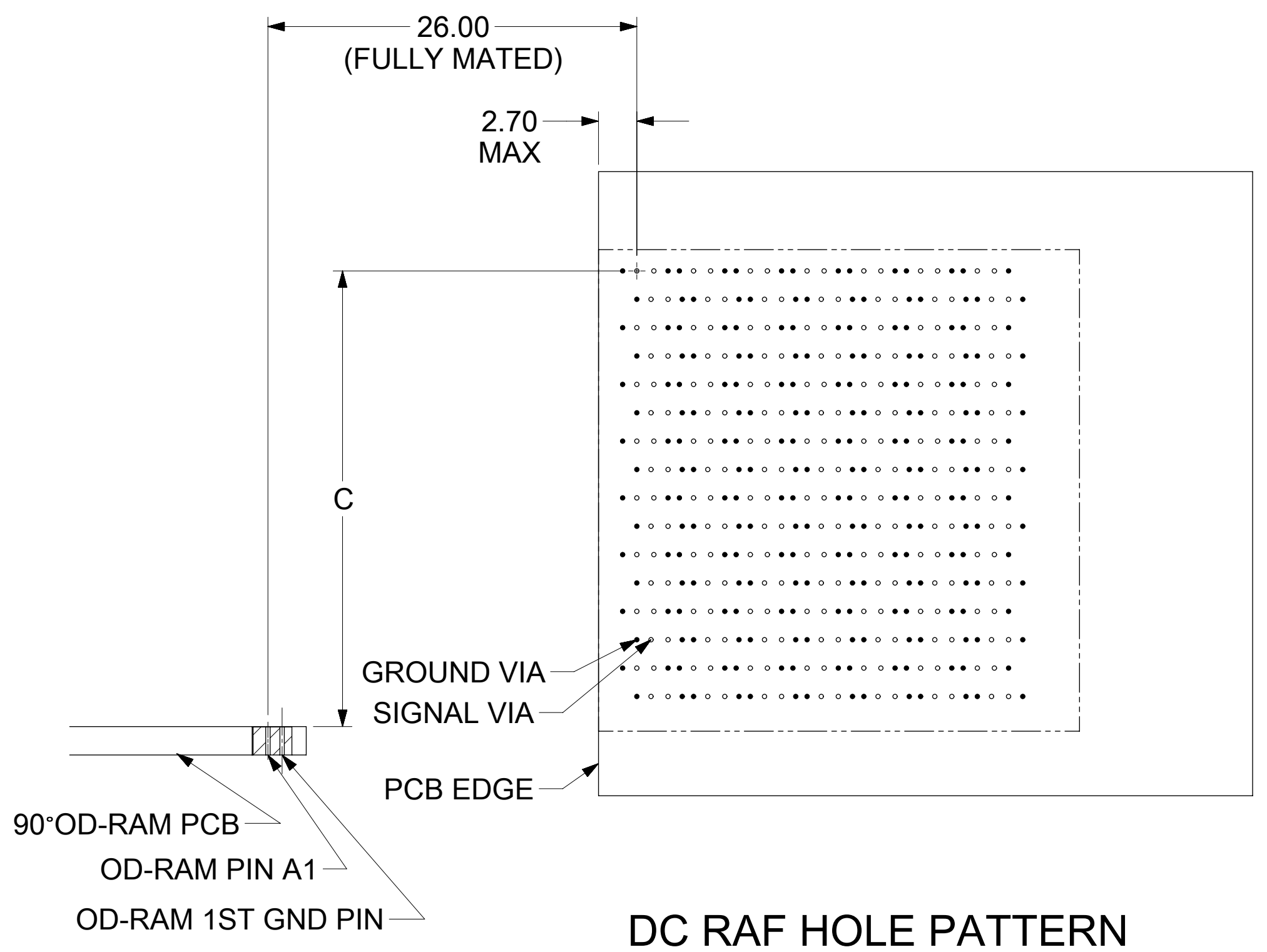


DETAIL A
SCALE 12:1

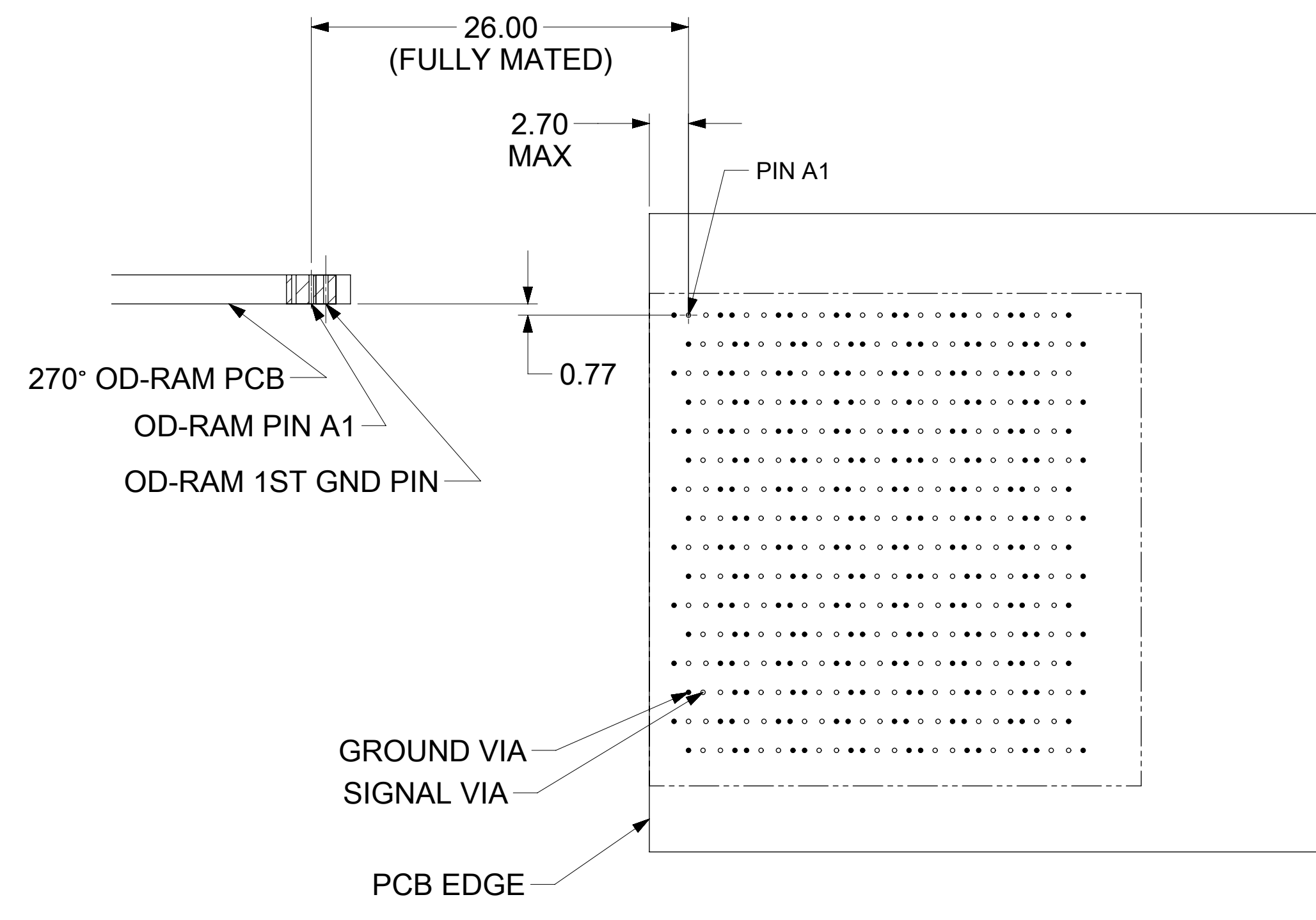
NOTES:
 1. THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR ON THE PCB. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR.
 2. MINIMUM PCB THICKNESS: 1.0mm

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATE PRINT FOR VISUAL UPDATE TO OVERALL VIEWS.				
	DIMENSION UNITS mm	SCALE 5:1	GENERAL TOLERANCES (UNLESS SPECIFIED)				
DIVISIONAL SYMBOLS	ANGULAR TOL ± 0.5°		4 PLACES ±		INITIAL REVISION:		
	3 PLACES ±		2 PLACES ± 0.13		DRWN: TIBARRA 2019/07/29		
	2 PLACES ± 0.25		1 PLACE ±		APPR: JMENDOZA01 2019/08/02		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			D-SIZE	173620	SEE TABLE	GENERAL MARKET	2 OF 3

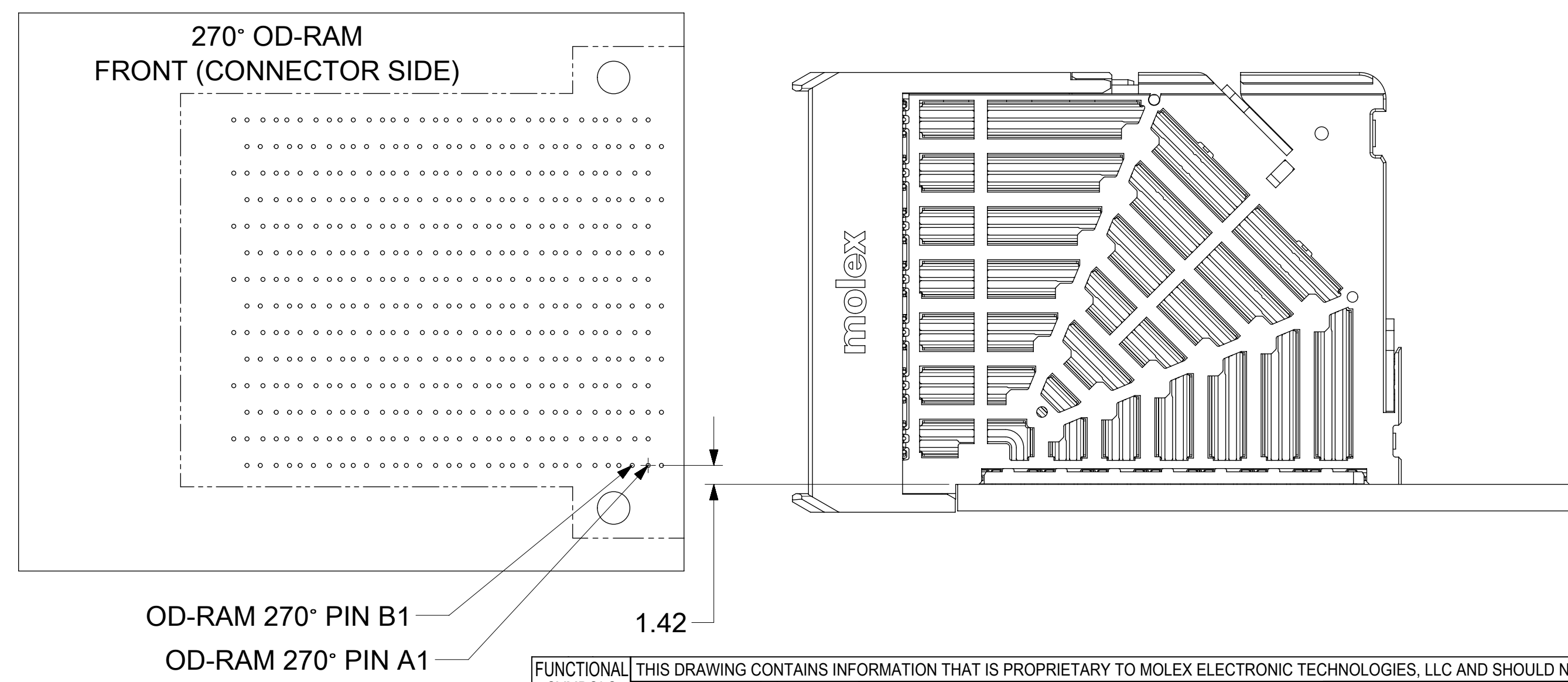
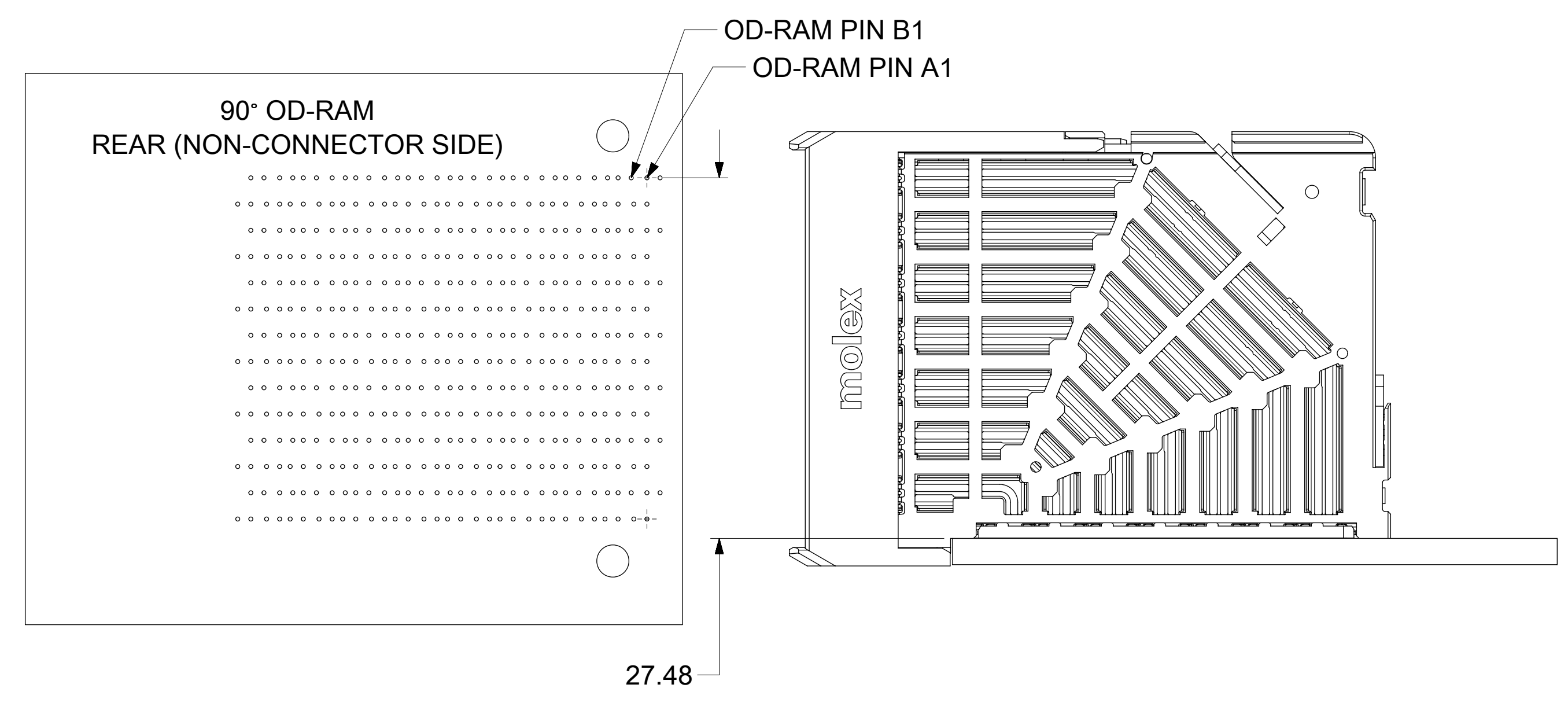
DOCUMENT STATUS	P1	RELEASE DATE	2021/09/27	22:40:34
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DC RAF HOLE PATTERN
(CONNECTOR SIDE)
WITH OD-RAM 90° PCB



DC RAF HOLE PATTERN
(CONNECTOR SIDE)
WITH OD-RAM 270° PCB



SEE SHEET 2 FOR ALL OTHER
HOLE PATTERN DIMENSIONS

NOTES:
1. MINIMUM PCB THICKENSS: 1.0mm

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FUNCTIONAL SYMBOLS	FA = 0	FC = 0	FD = 0	DIMENSION UNITS	mm	SCALE	3:1	CURRENT REV DESC: UPDATE PRINT FOR VISUAL UPDATE TO OVERALL VIEWS.				
GENERAL TOLERANCES (UNLESS SPECIFIED)				ANGULAR TOL	± 0.5°	EC NO: 679265				IMPULSE 7 PAIR DC RIGHT ANGLE FEMALE (RAF) - 2MM DC UNGUIDED		
4 PLACES				±	DRWN: JMENDOZA01				2021/09/27		PRODUCT CUSTOMER DRAWING	
3 PLACES				±	CHK'D: JMENDOZA01				2021/09/27		DOCUMENT NUMBER	
2 PLACES				± 0.13	APPR: JMENDOZA01				2021/09/27		1736201000	
1 PLACE				± 0.25	INITIAL REVISION:				DRWN: TIBARRA		DOC TYPE	
0 PLACES				±	DRWN: JMENDOZA01				2019/07/29		PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION		
				D-SIZE		173620		2019/08/02		C1		
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		3 OF 3		
				SEE TABLE		GENERAL MARKET						