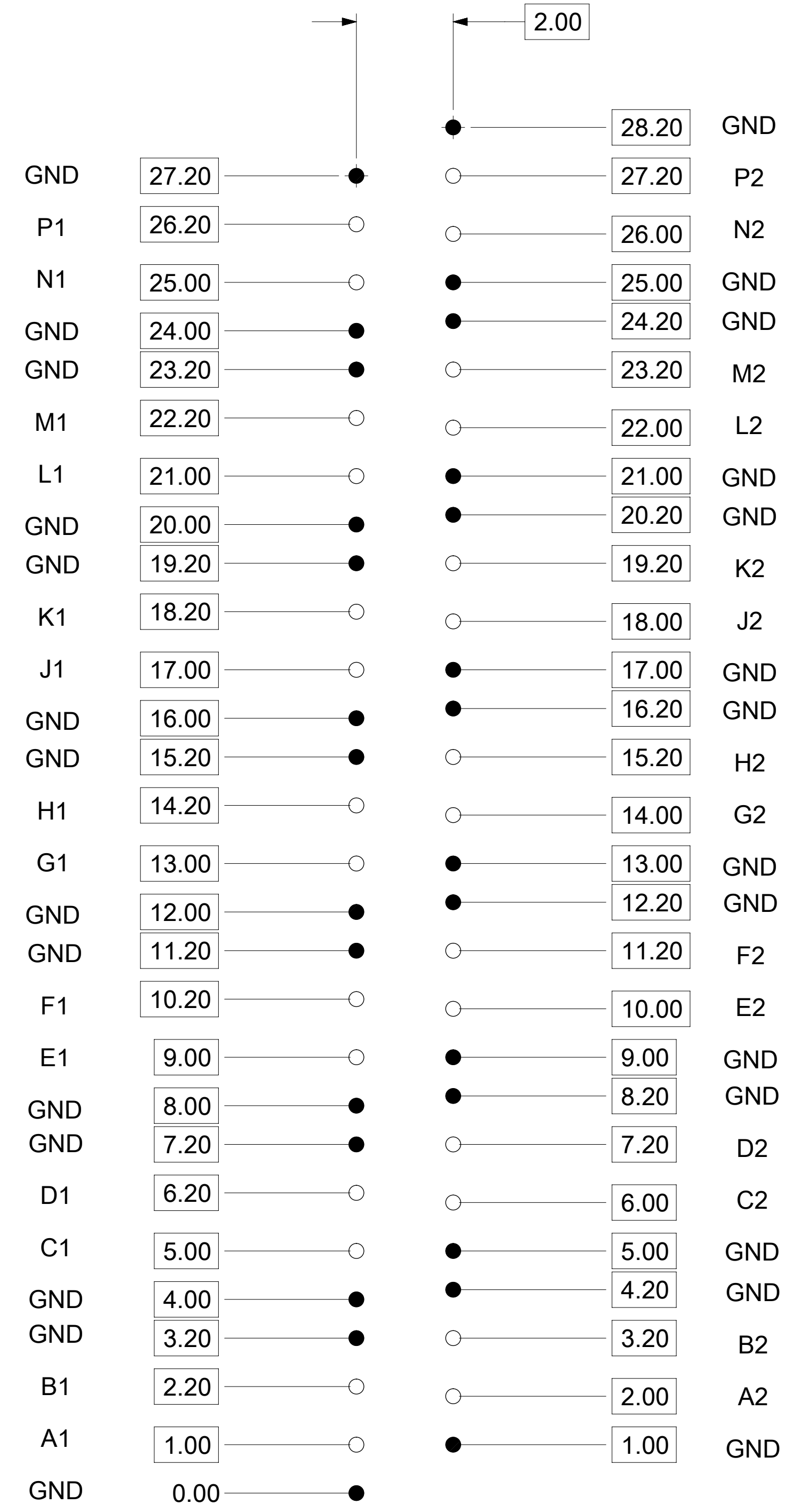
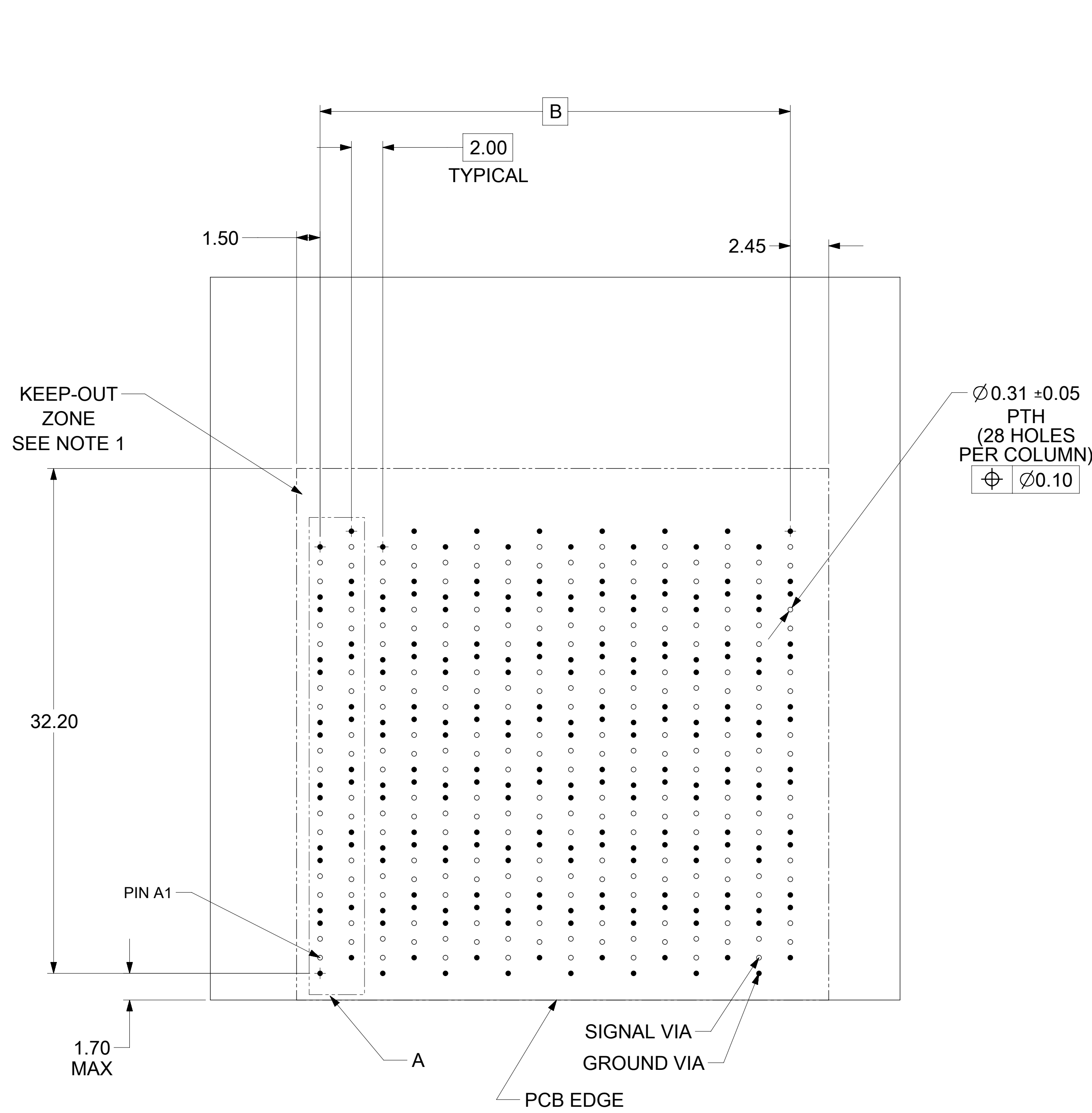


- NOTES:
- MATERIALS:
HOUSING: LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0
TERMINALS: HIGH PERFORMANCE COPPER ALLOY
 - FINISH: SELECTIVE GOLD IN SIGNAL AND GROUND SHIELD CONTACT AREA ONLY.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 - PARTS ARE MARKED WITH THE PART NUMBER, "MXS", AND A DATECODE.
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	
EC NO: 679265		DRWN: JMENDOZA01	2021/09/27	IMPULSE 7 PAIR DC RIGHT ANGLE FEMALE (RAF) - 2MM DC UNGUIDED	
CHK'D: JMENDOZA01		2021/09/27	PRODUCT CUSTOMER DRAWING		DOCUMENT NUMBER 1736201000
APPR: JMENDOZA01		2021/09/27	INITIAL REVISION:		
DRWN: TIBARRA		2019/07/29	MATERIAL NUMBER		PSD
APPR: JMENDOZA01		2019/08/02	CUSTOMER		000
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	REVISION
			D-D-SIZE	173620	C1
			SEE TABLE	GENERAL MARKET	1 OF 3

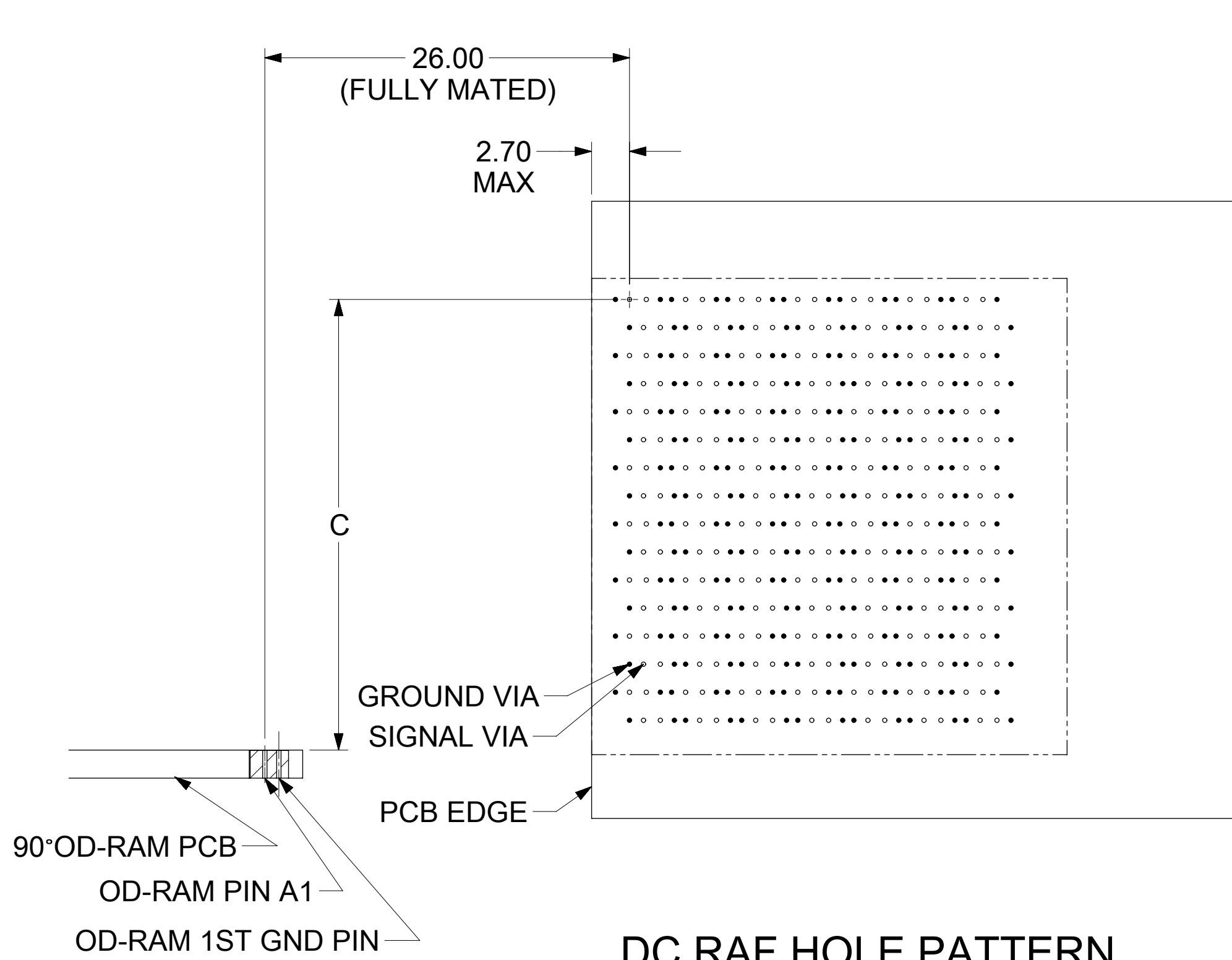


ODD COLUMN DIMENSIONS EVEN COLUMN DIMENSIONS

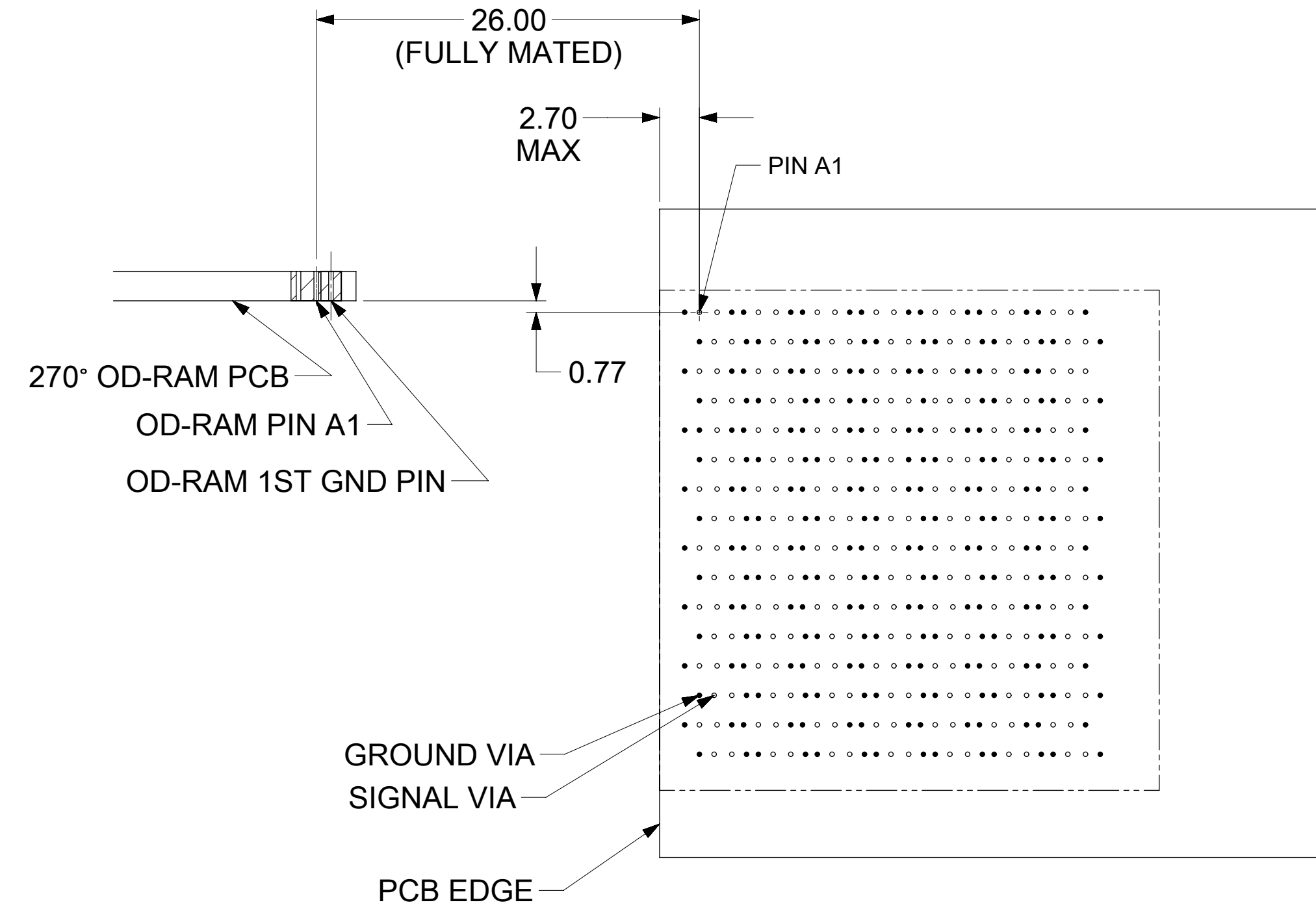
DETAIL A
SCALE 12:1

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

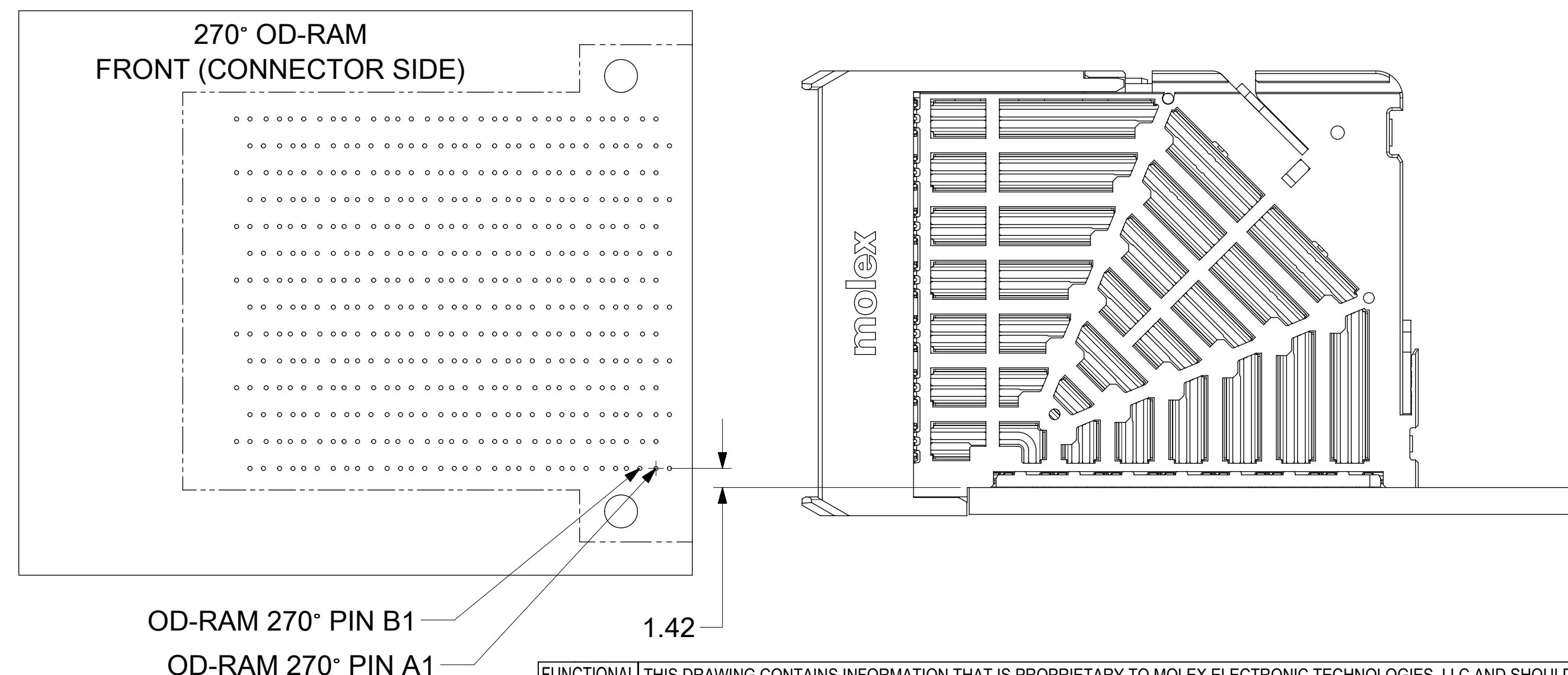
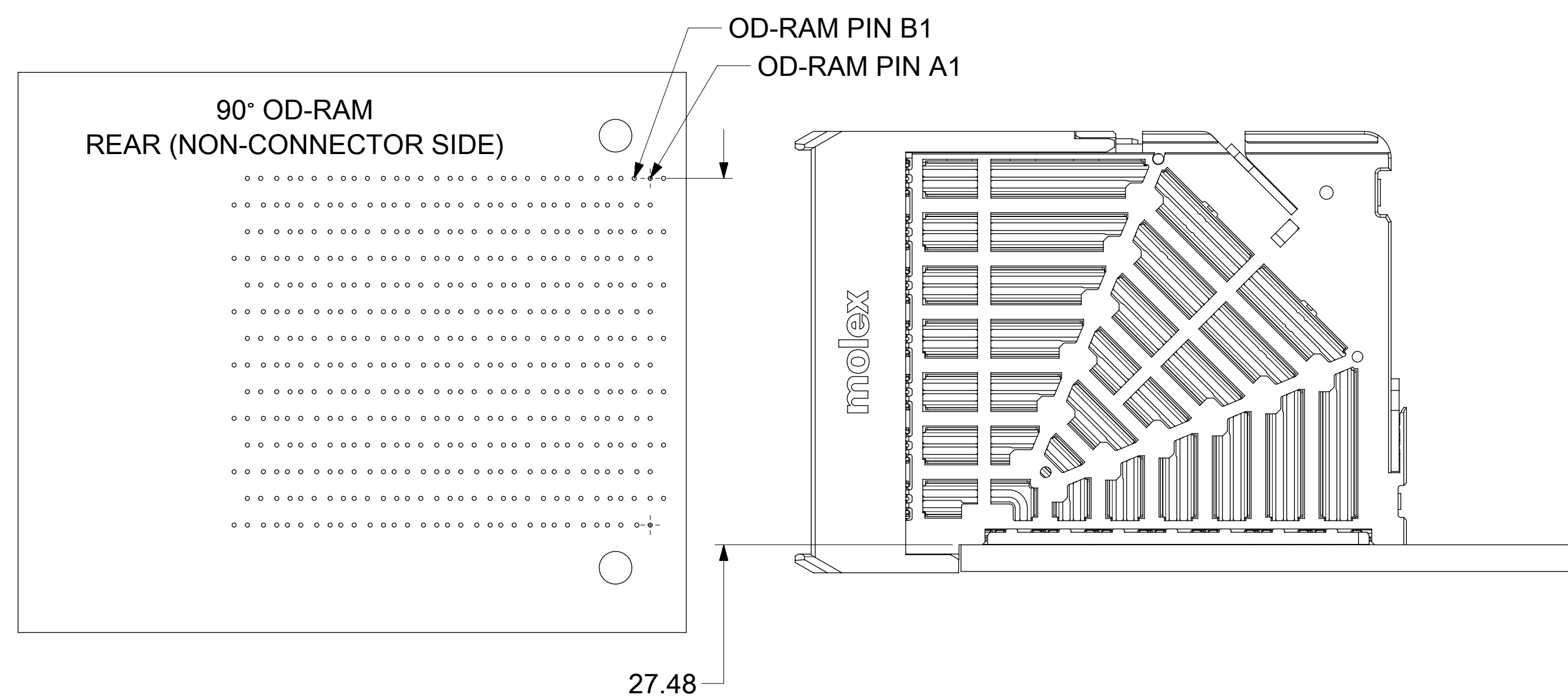
FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATE PRINT FOR VISUAL UPDATE TO OVERALL VIEWS.		 IMPULSE 7 PAIR DC RIGHT ANGLE FEMALE (RAF) - 2MM DC UNGUIDED PRODUCT CUSTOMER DRAWING
	DIMENSION UNITS	SCALE	EC NO: 679265		
	mm	5:1	DRWN: JMENDOZA01 2021/09/27		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: JMENDOZA01 2021/09/27		DOCUMENT NUMBER: 1736201000 DOC TYPE: PSD DOC PART: 000 REVISION: C1
	ANGULAR TOL ± 0.5°		APPR: JMENDOZA01 2021/09/27		
	4 PLACES ±		INITIAL REVISION:		
	3 PLACES ±		DRWN: TIBARRA 2019/07/29		
2 PLACES ± 0.13		APPR: JMENDOZA01 2019/08/02		MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 3	
1 PLACE ± 0.25		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
0 PLACES ±		THIRD ANGLE PROJECTION	DRAWING	SERIES	
			D-SIZE	173620	



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

FUNCTIONAL SYMBOLS	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			
$F_A = 0$	mm	3:1			IMPULSE 7 PAIR DC RIGHT ANGLE FEMALE (RAF) - 2MM DC UNGUIDED
$F_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING
$F_P = 0$	ANGULAR TOL $\pm 0.5^\circ$				DOCUMENT NUMBER
DIVISIONAL SYMBOLS	4 PLACES	\pm	EC NO: 679265	2021/09/27	1736201000
	3 PLACES	\pm	DRWN: JMENDOZA01	2021/09/27	PSD 000 C1
	2 PLACES	± 0.13	CHK'D: JMENDOZA01	2021/09/27	
	1 PLACE	± 0.25	APPR: JMENDOZA01	2021/09/27	
0 PLACES		\pm	INITIAL REVISION:		DOC TYPE
			DRWN: TIBARRA	2019/07/29	DOC PART
			APPR: JMENDOZA01	2019/08/02	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			D-SIZE	173620	CUSTOMER
					SHEET NUMBER
					3 OF 3