

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH \varnothing
76500-*8**	8	32	22.80	13.30	0.46±0.05
76500-*1**	10	40	26.60	17.10	0.46±0.05
76500-*6**	16	64	38.00	28.50	0.46±0.05
76500-*8**	8	32	22.80	13.30	0.39±0.05
76500-*1**	10	40	26.60	17.10	0.39±0.05
76500-*6**	16	64	38.00	28.50	0.39±0.05

76500-****

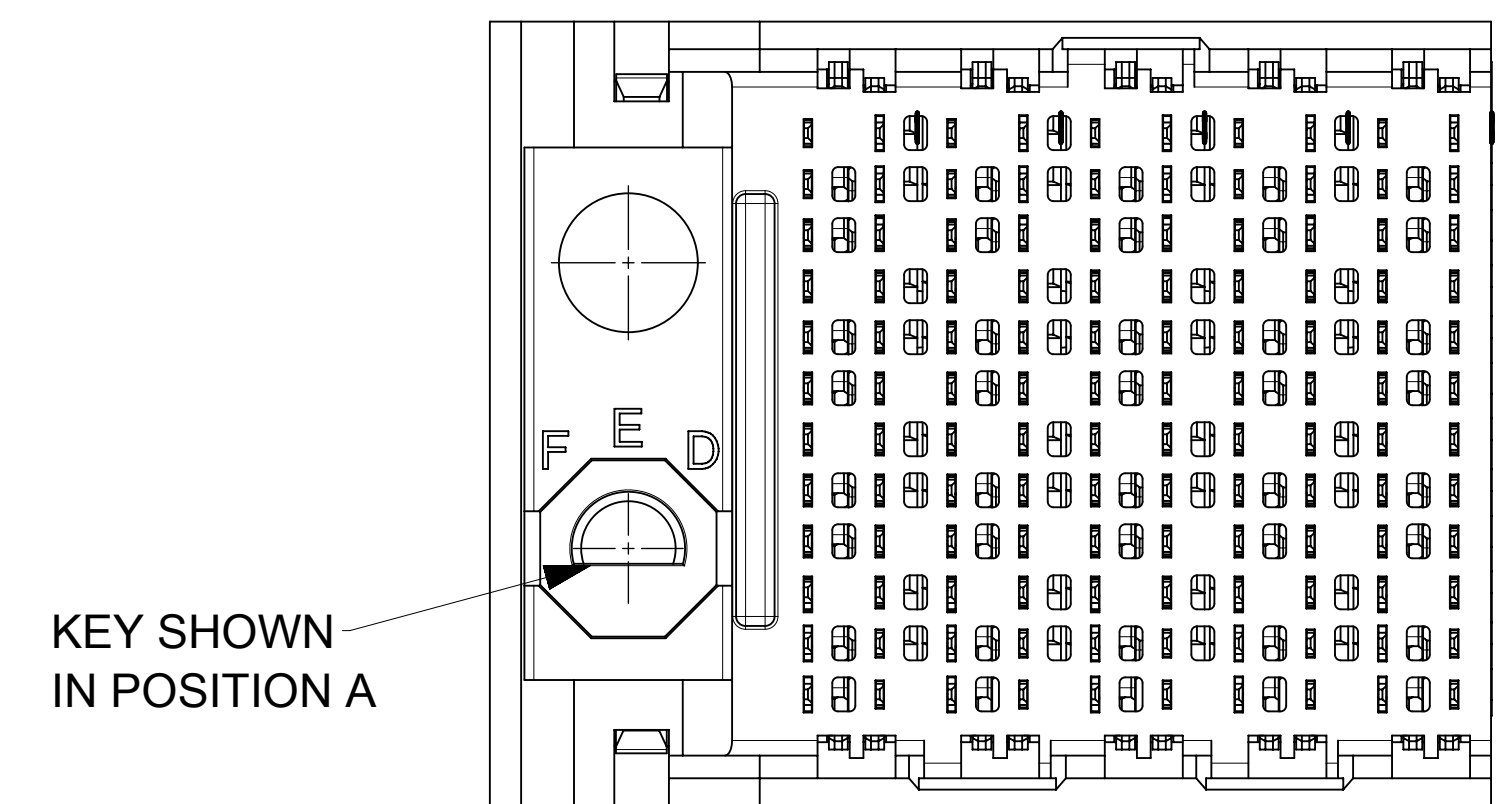
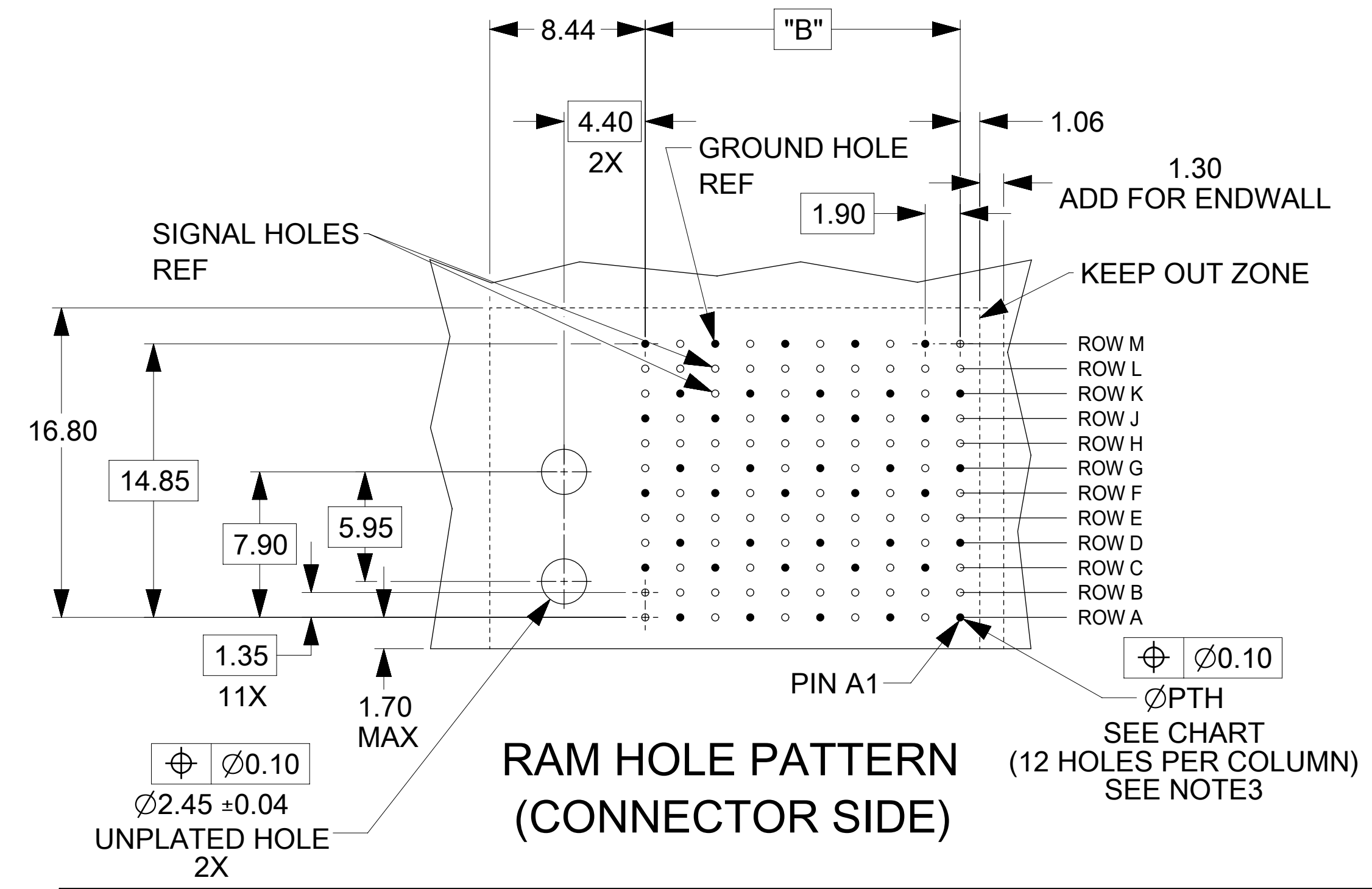
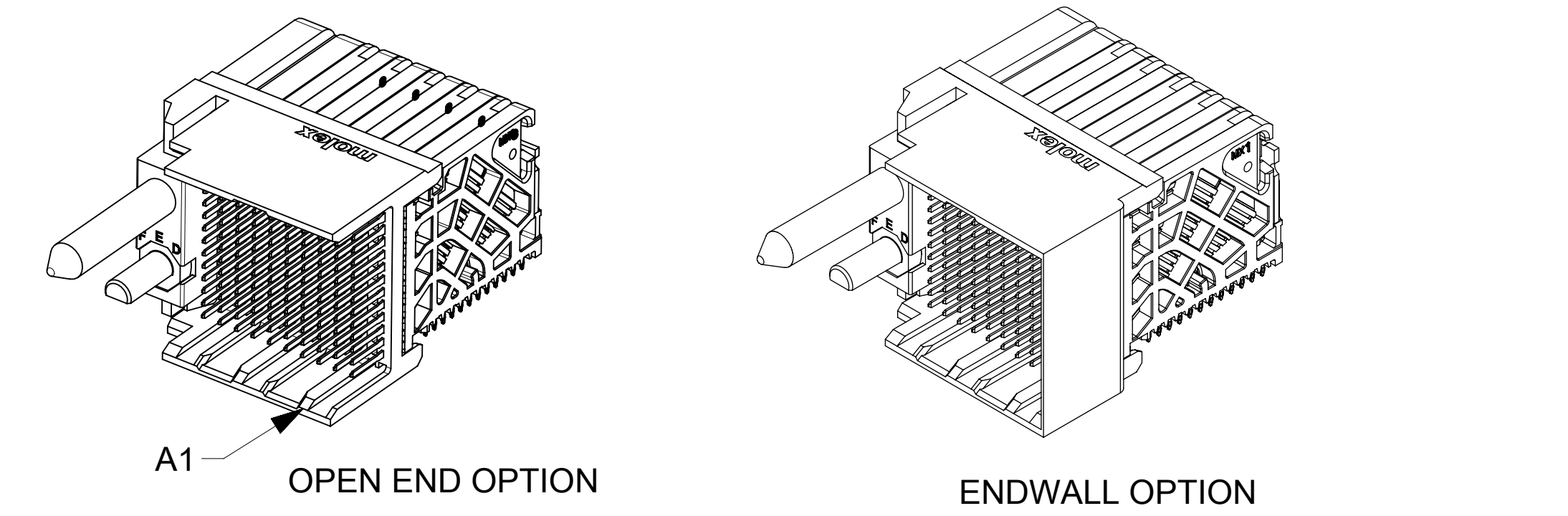
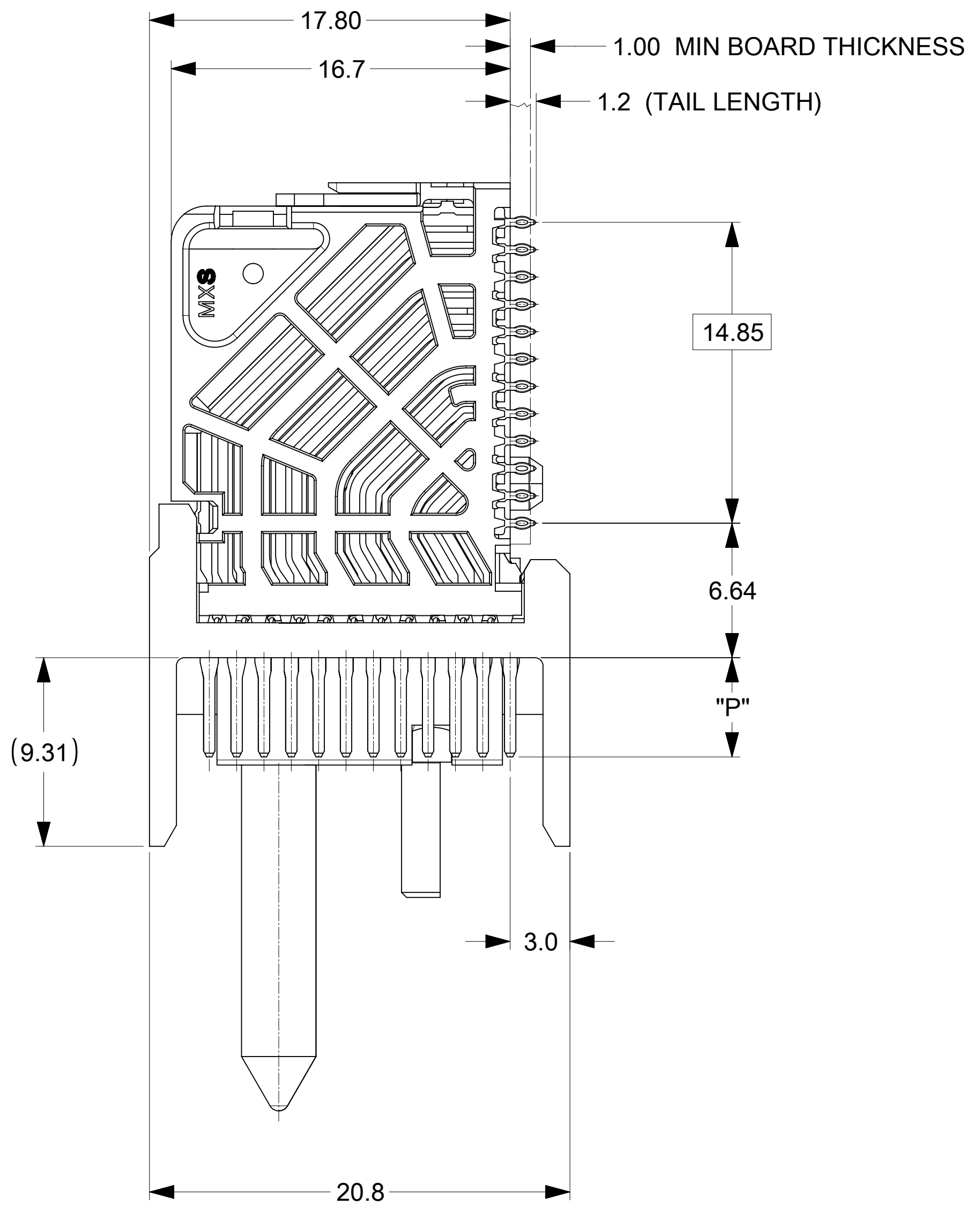
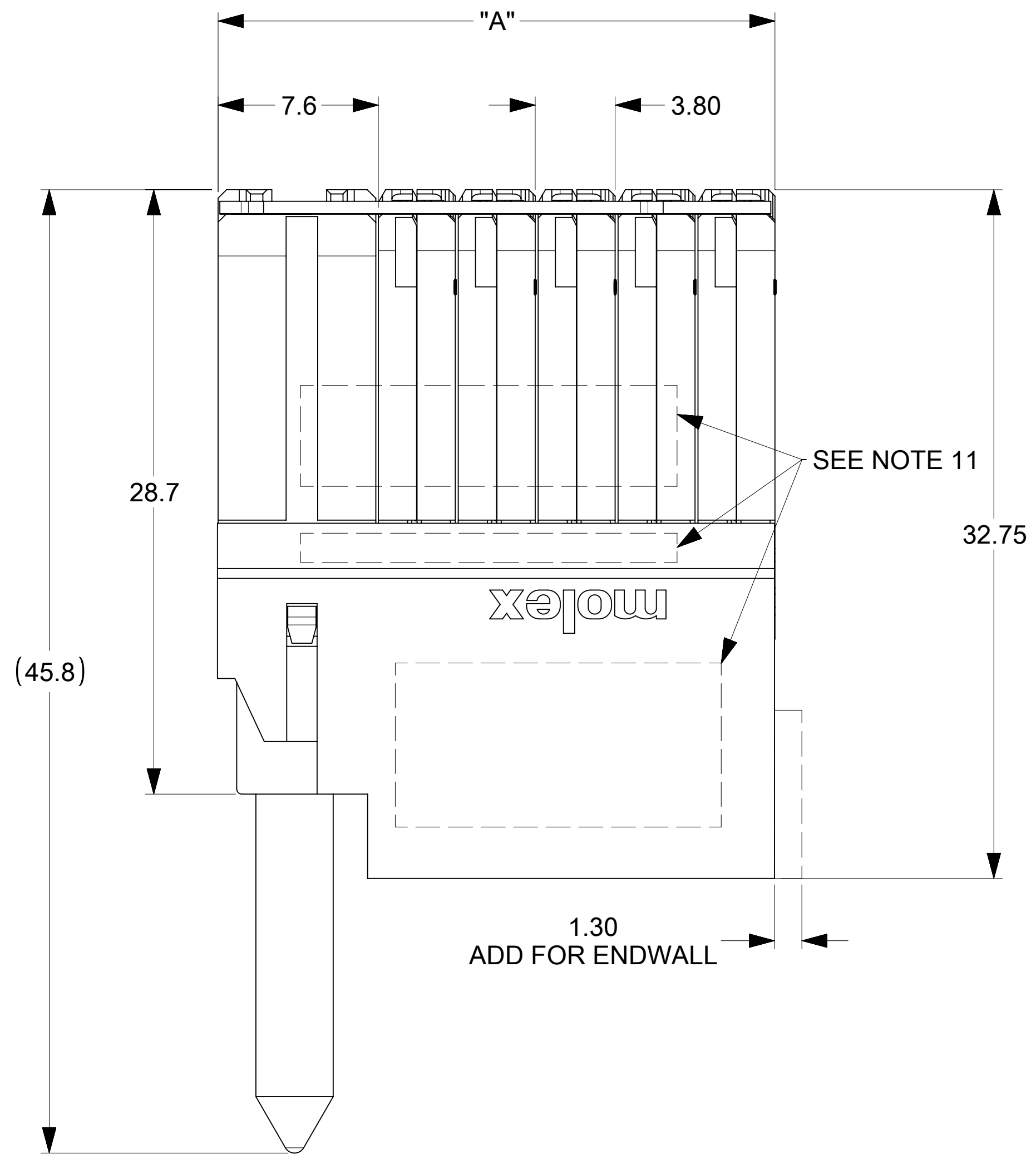
MODULE TYPE
 3 = LEFT GUIDED, LEAD-FREE
 7 = LEFT GUIDED, LEAD-FREE W/ ENDWALL

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)

OF COLUMNS
 1 = 10 COLUMNS
 6 = 16 COLUMNS
 8 = 8 COLUMNS

KEY ORIENTATION
 0 = NO KEY
 1 = A 5 = E
 2 = B 6 = F
 3 = C 7 = G
 4 = D 8 = H

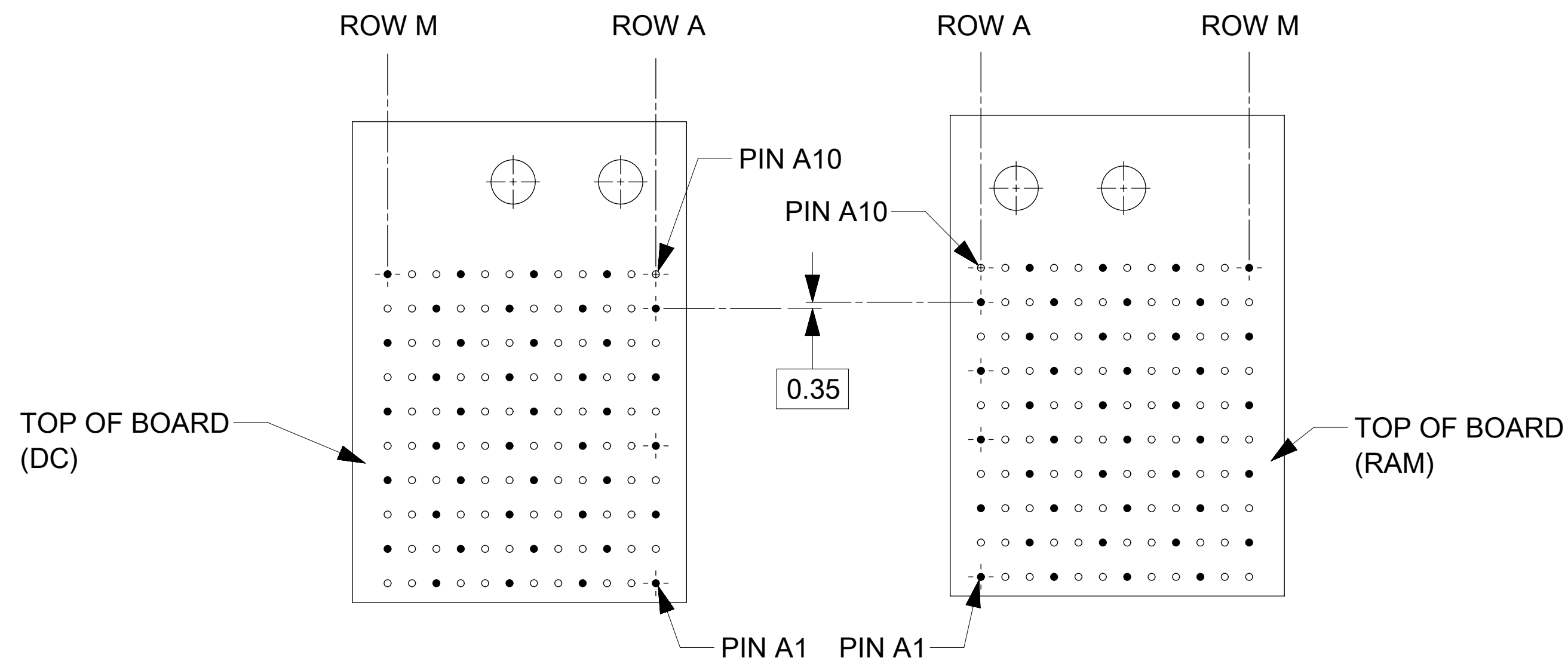
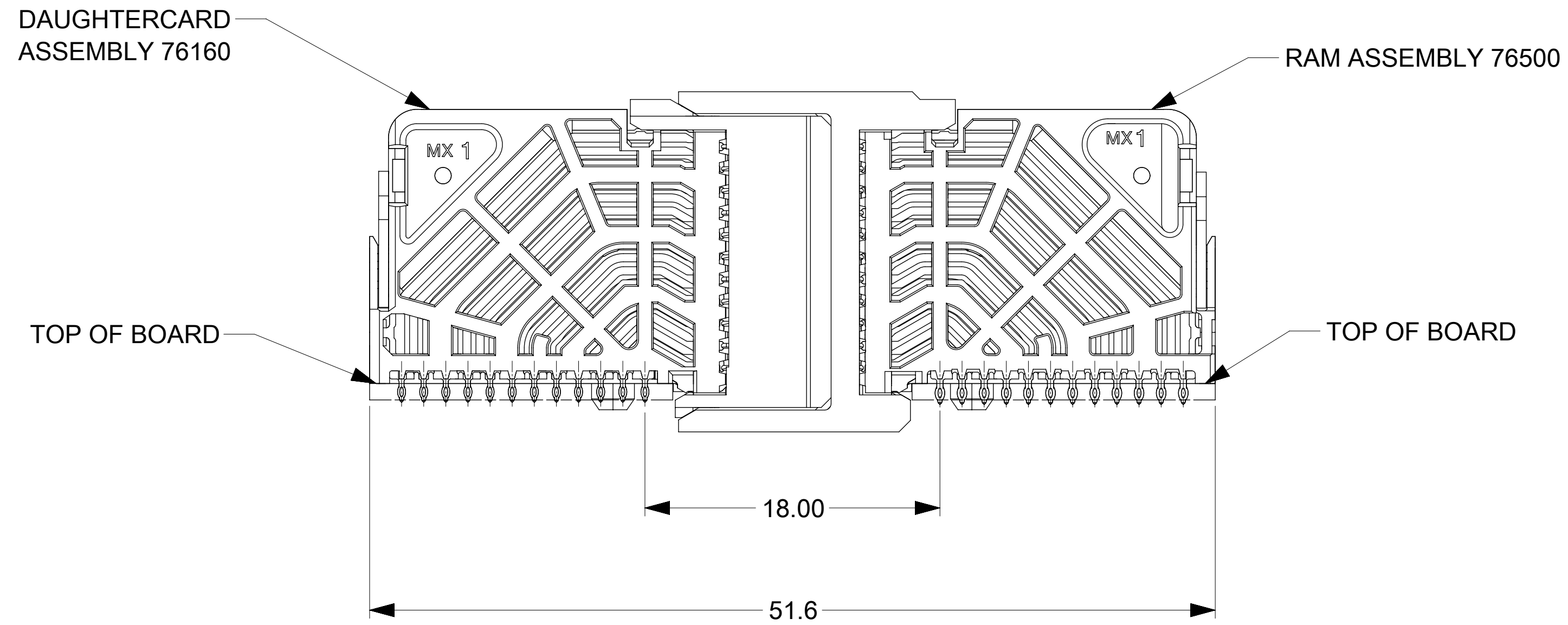
- NOTES:
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
 TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 - FINISH: 30 μ m SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
 - REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 - EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
 - PRODUCT IS PACKAGED PER PK-70873-041.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 - REFER TO MOLEX SALES DRAWING SD-76160-004 FOR THE MATING RECEPTACLES.
 - REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 - WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50mm ±0.38 THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 4.4mm.
 - GUIDE LEFT RAM MATES TO GUIDE RIGHT DAUGHTERCARD.



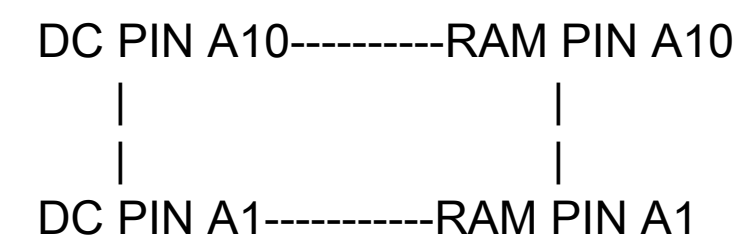
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm	SCALE: NTS	CURRENT REV DESC: REMASTERED TO NX	molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 705090			
ANGULAR TOL: ± 0.5°	4 PLACES ±	DRWN: DYARAS 2021/12/08	GUIDE LEFT SIGNAL MODULE SALES DWG		
3 PLACES ±	3 PLACES ±	CHK'D: YOGEEB 2022/02/17	PRODUCT CUSTOMER DRAWING		
2 PLACES ± 0.13	2 PLACES ±	APPR: LZENG 2022/05/13	DOCUMENT NUMBER: SD-76500-002		
1 PLACE ± 0.25	1 PLACE ±	INITIAL REVISION: DRWN: JQUILES 2009/01/12	DOC TYPE: PSD	DOC PART: 001	
0 PLACES ±	0 PLACES ±	APPR: JLAURX 2009/01/13	REVISION: F4		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 76500	MATERIAL NUMBER: SEE TABLE	
			CUSTOMER: GENERAL MARKET	SHEET NUMBER: 1 OF 2	

COPLANAR APPLICATION



COPLANAR MATED SIGNAL PATHS



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: REMASTERED TO NX					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 705090 DRWN: DYARAS 2021/12/08 CHK'D: YOGEEB 2022/02/17 APPR: LZENG 2022/05/13					
ANGULAR TOL ± 0.5°				INITIAL REVISION: DRWN: JQUILES 2009/01/12 APPR: JLAURX 2009/01/13					
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	
						D-SIZE		76500	
DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
SD-76500-002				PSD		001		F4	
MATERIAL NUMBER				CUSTOMER		SHEET NUMBER			
SEE TABLE				GENERAL MARKET		2 OF 2			