

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-\*\*\*\***

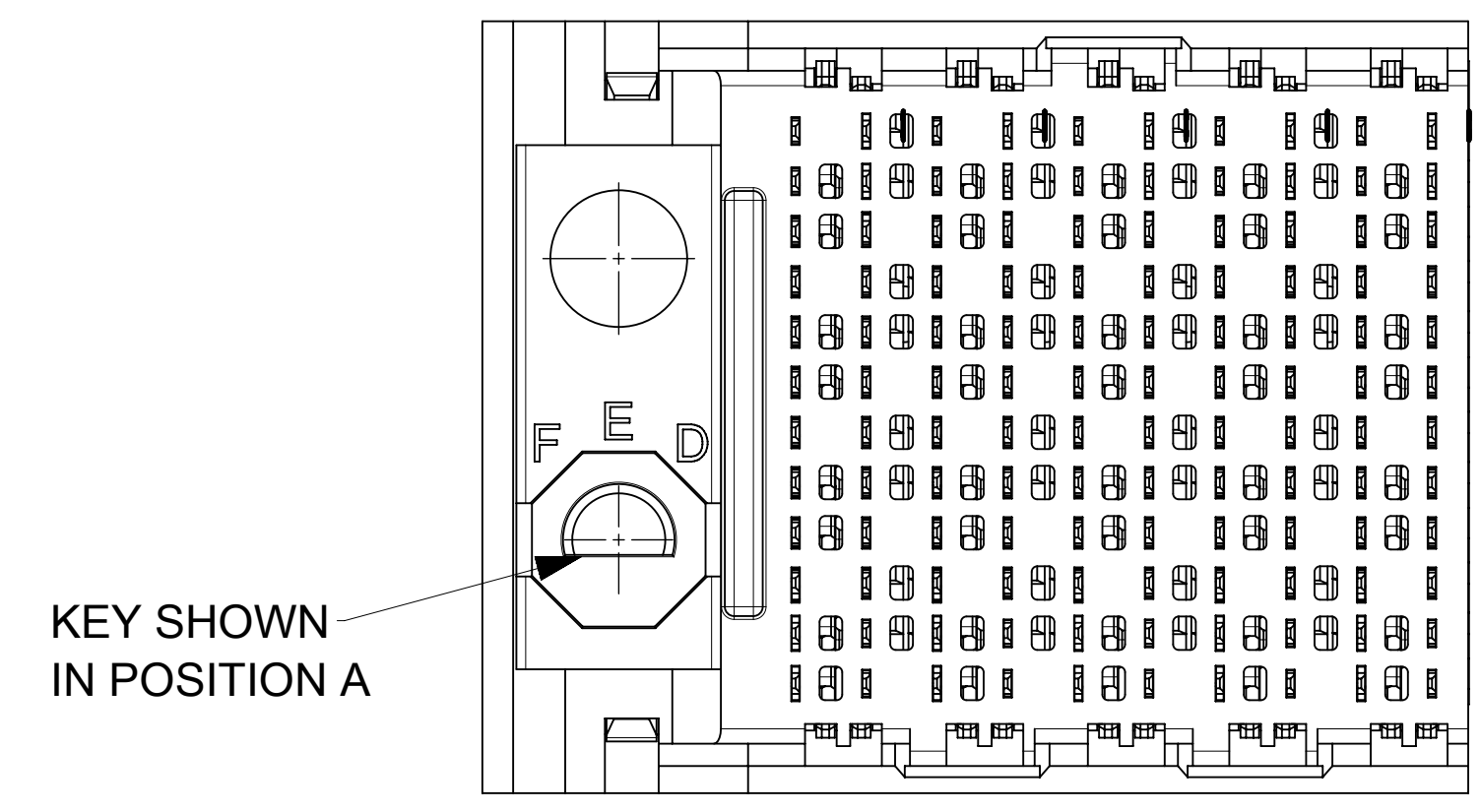
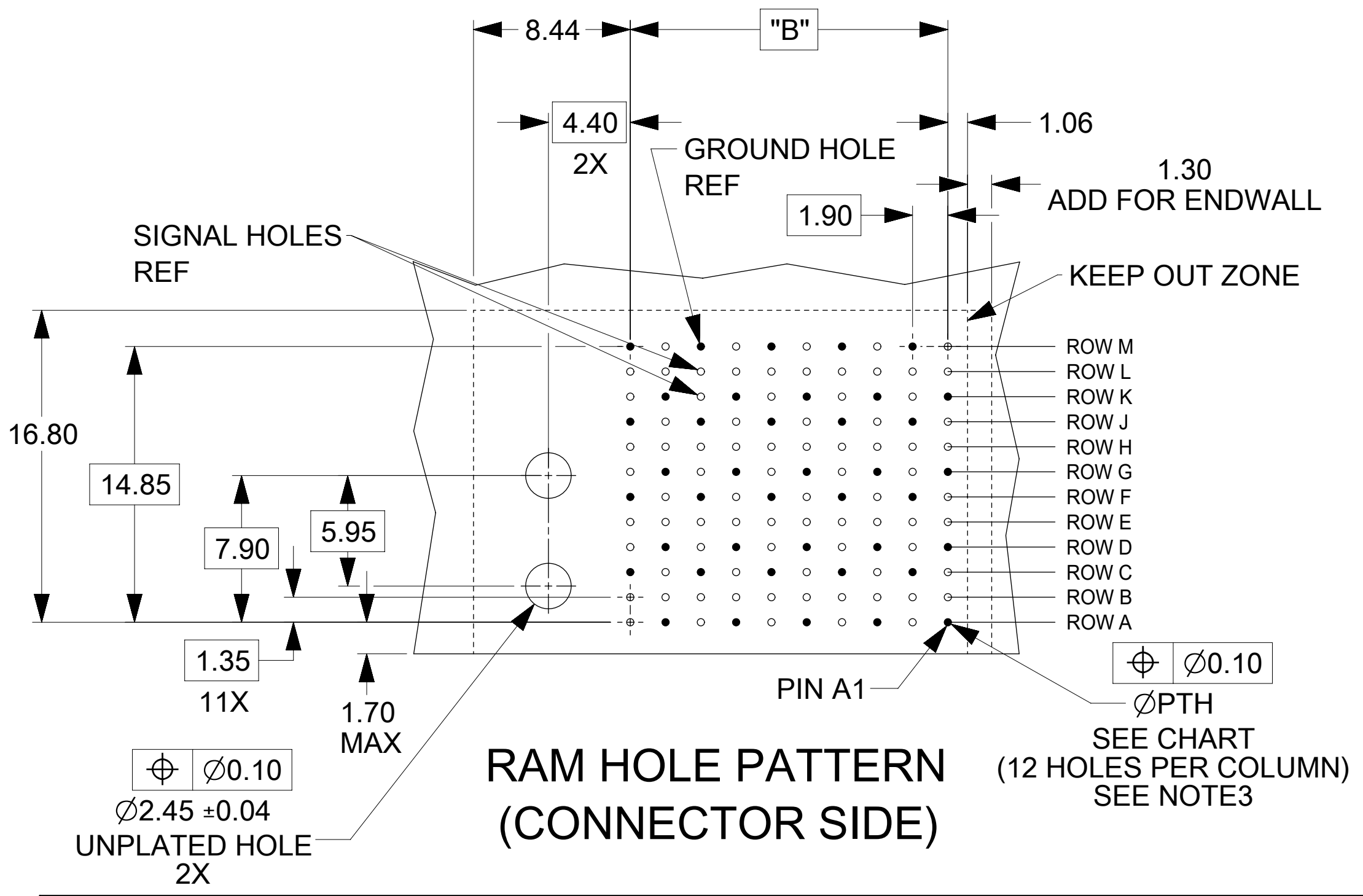
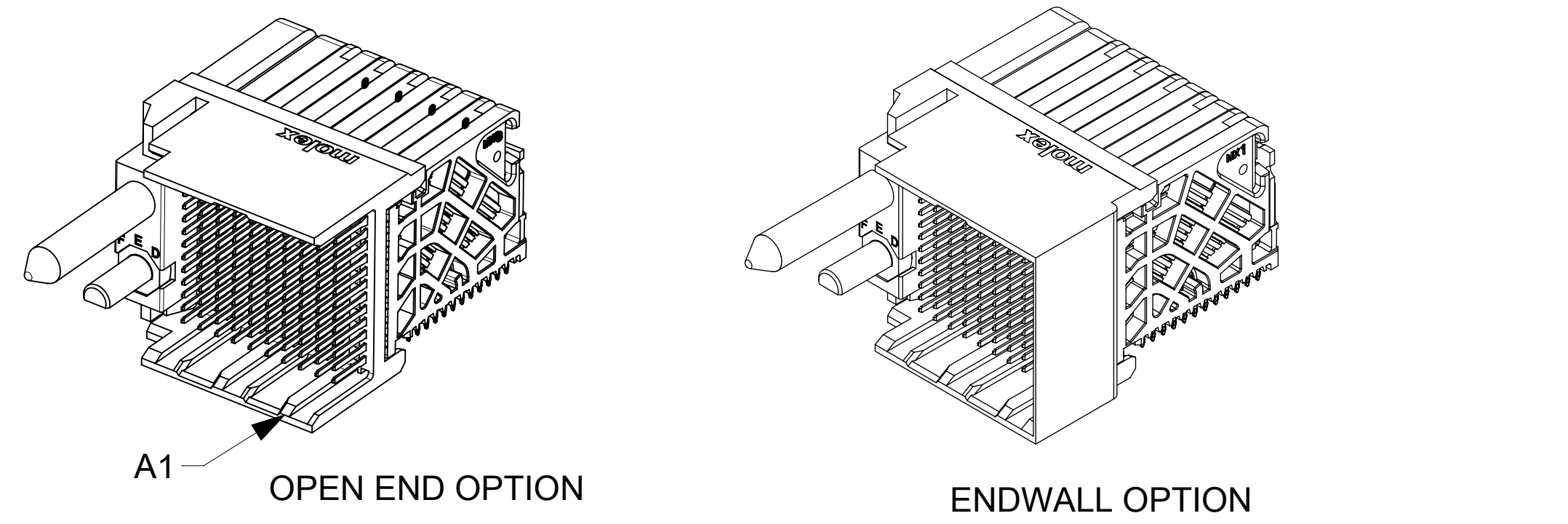
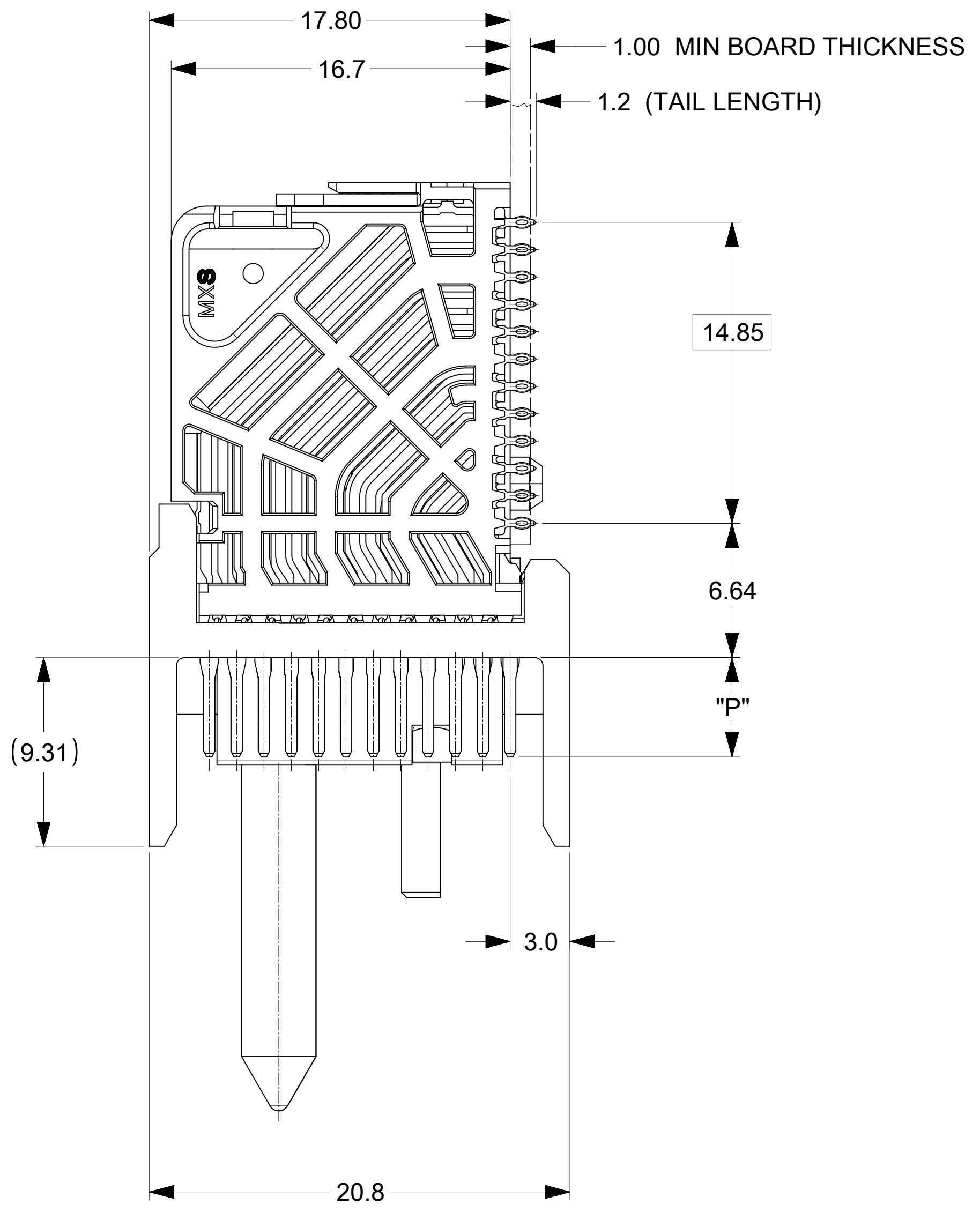
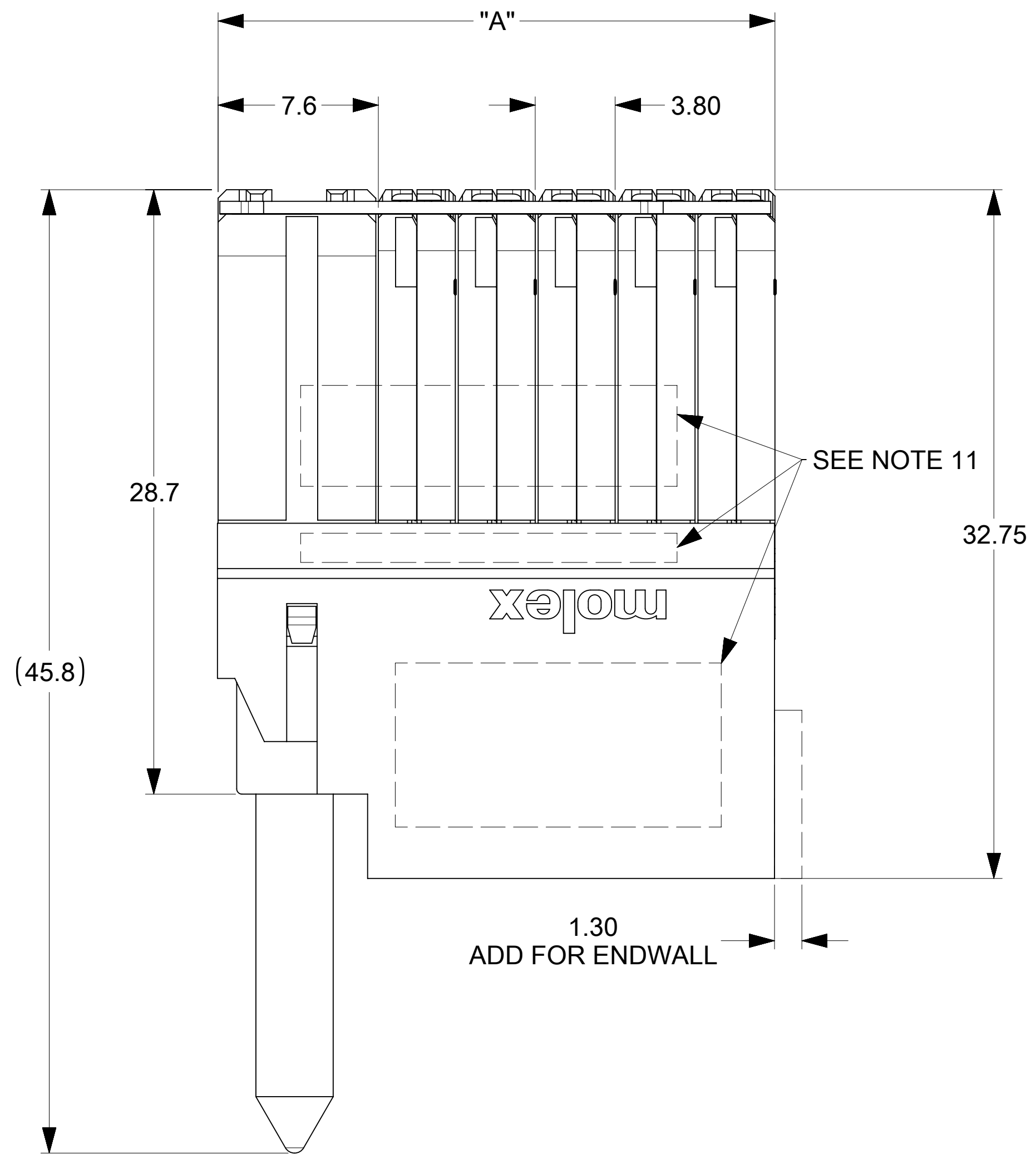
MODULE TYPE  
 3 = LEFT GUIDED, LEAD-FREE  
 7 = LEFT GUIDED, LEAD-FREE W/ ENDWALL

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

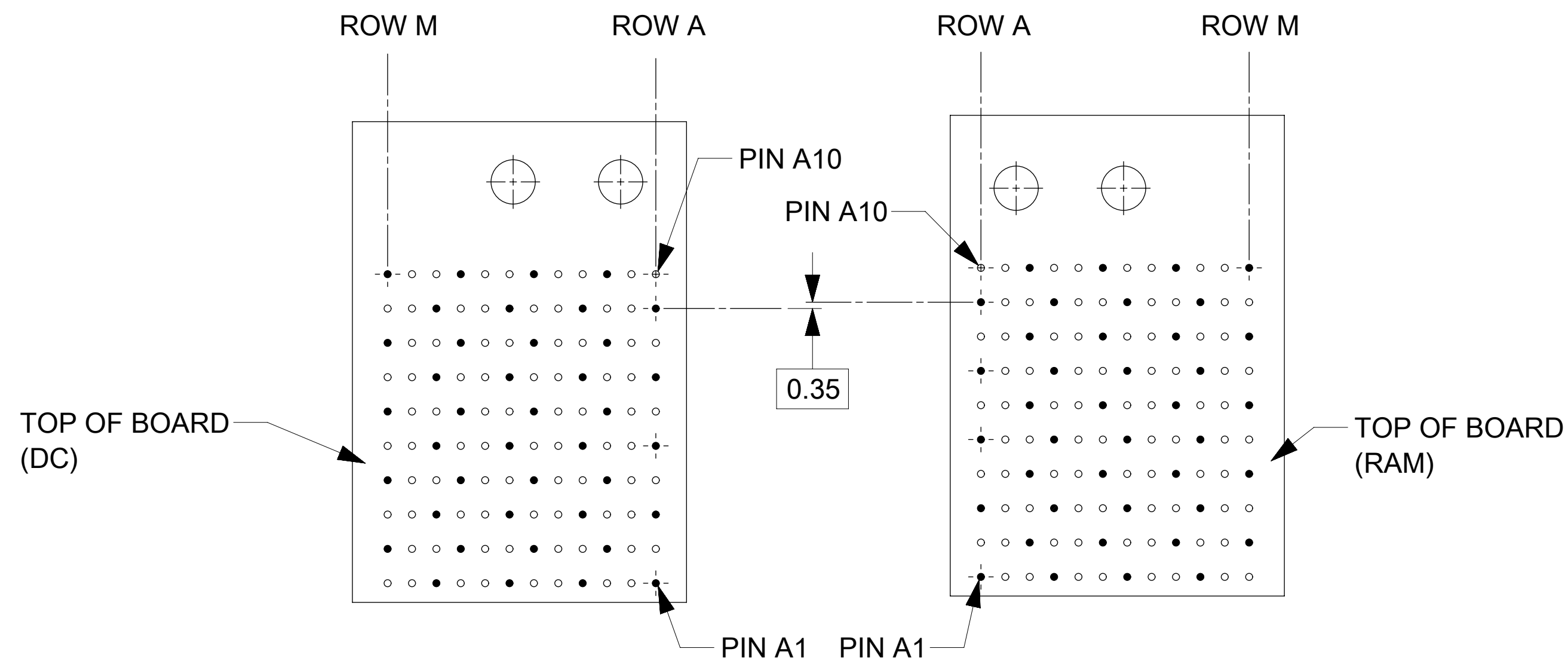
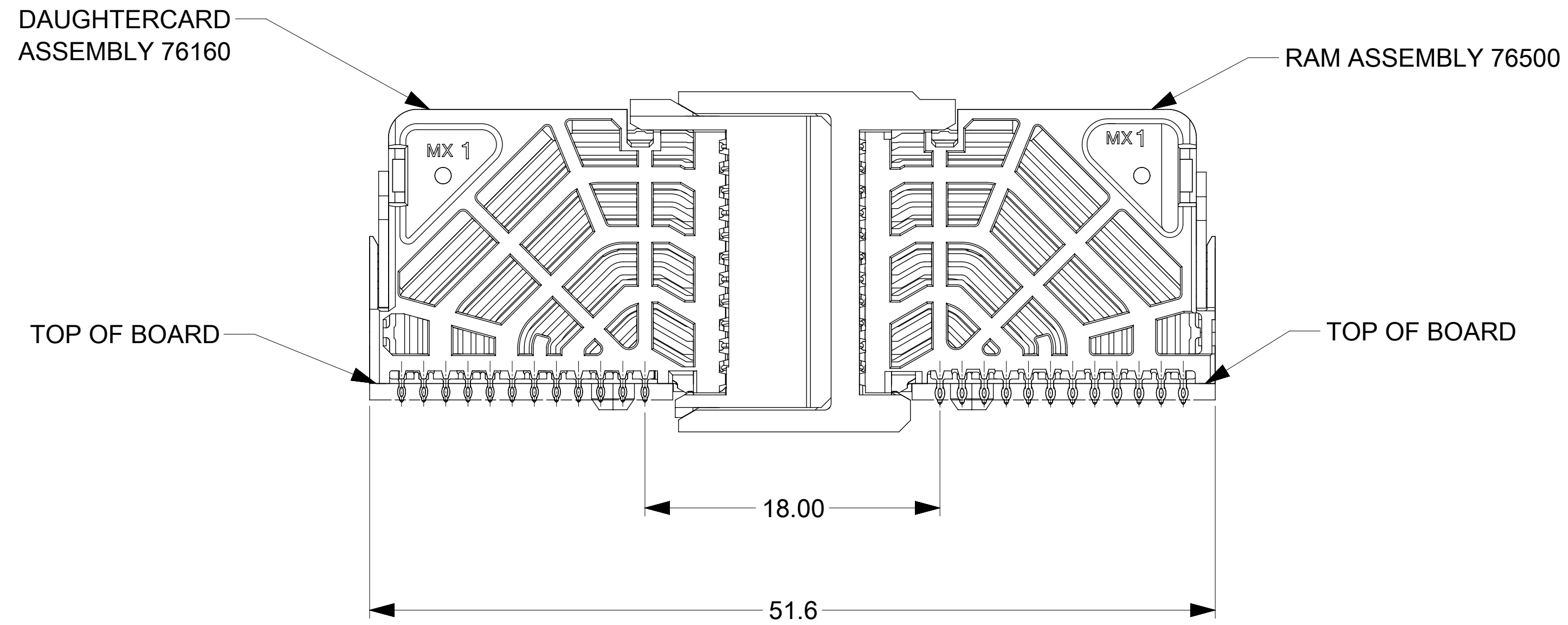
- NOTES:
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0  
 TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  - FINISH: 30 $\mu$ m SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
  - REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS 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.



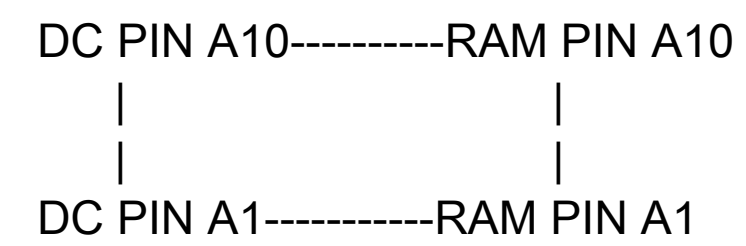
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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