

MATERIAL NUMBER	#OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH $\phi$
76410-*8**	8	24	22.80	13.30	0.46±0.05
76410-*1**	10	30	26.60	17.10	0.46±0.05
76410-*4**	14	42	34.20	24.70	0.46±0.05
76410-*6**	16	48	38.00	28.50	0.46±0.05
76410-*8**	8	24	22.80	13.30	0.39±0.05
76410-*1**	10	30	26.60	17.10	0.39±0.05
76410-*4**	14	42	34.20	24.70	0.39±0.05
76410-*6**	16	48	38.00	28.50	0.39±0.05

**76410-\*\*\***

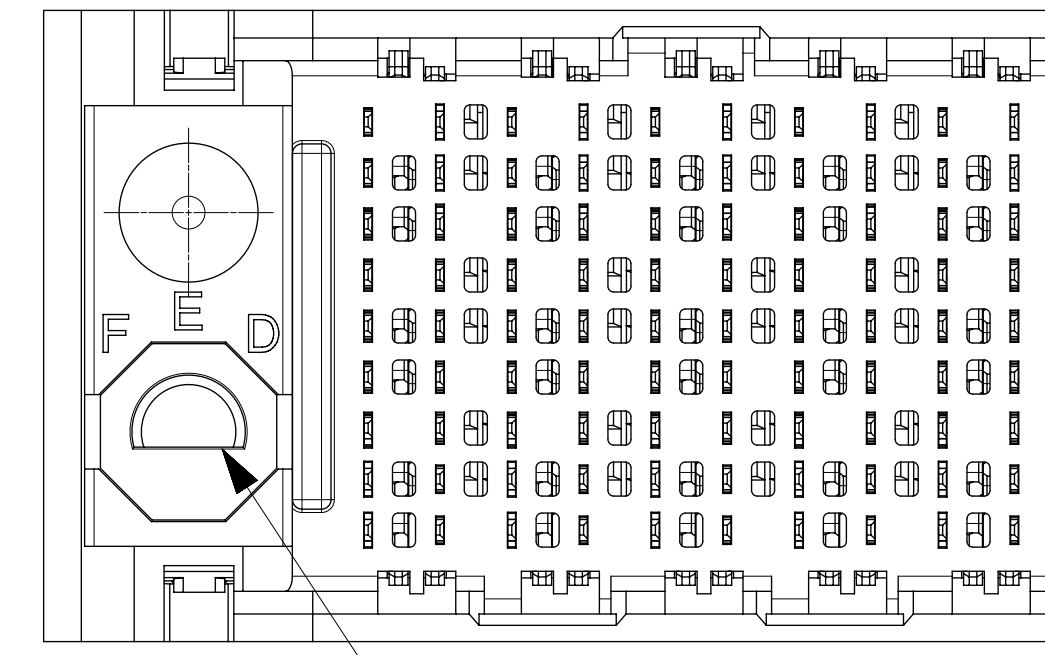
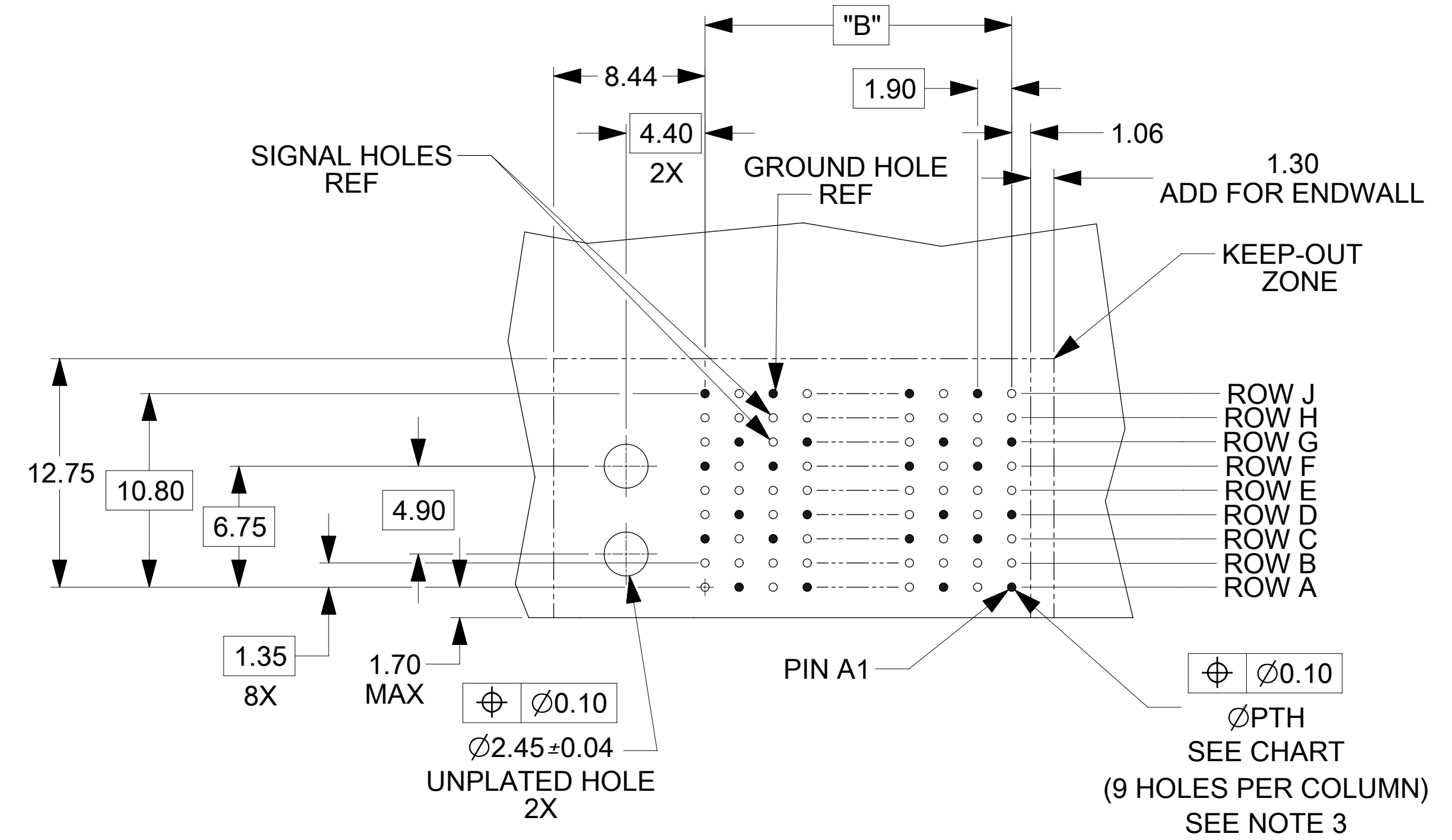
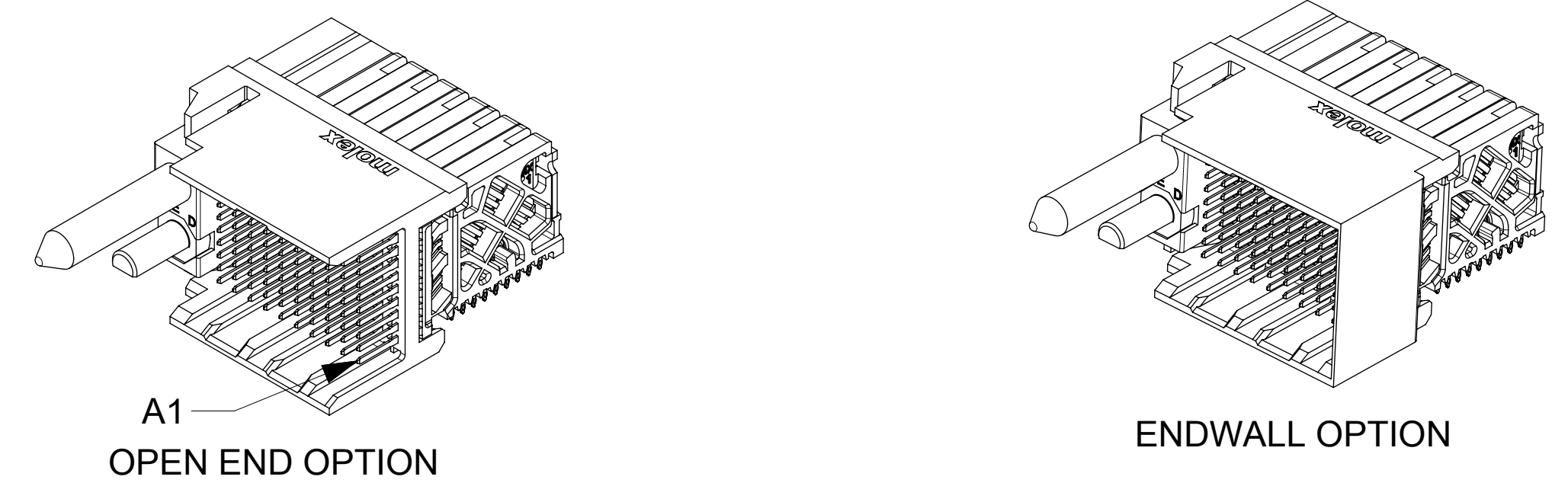
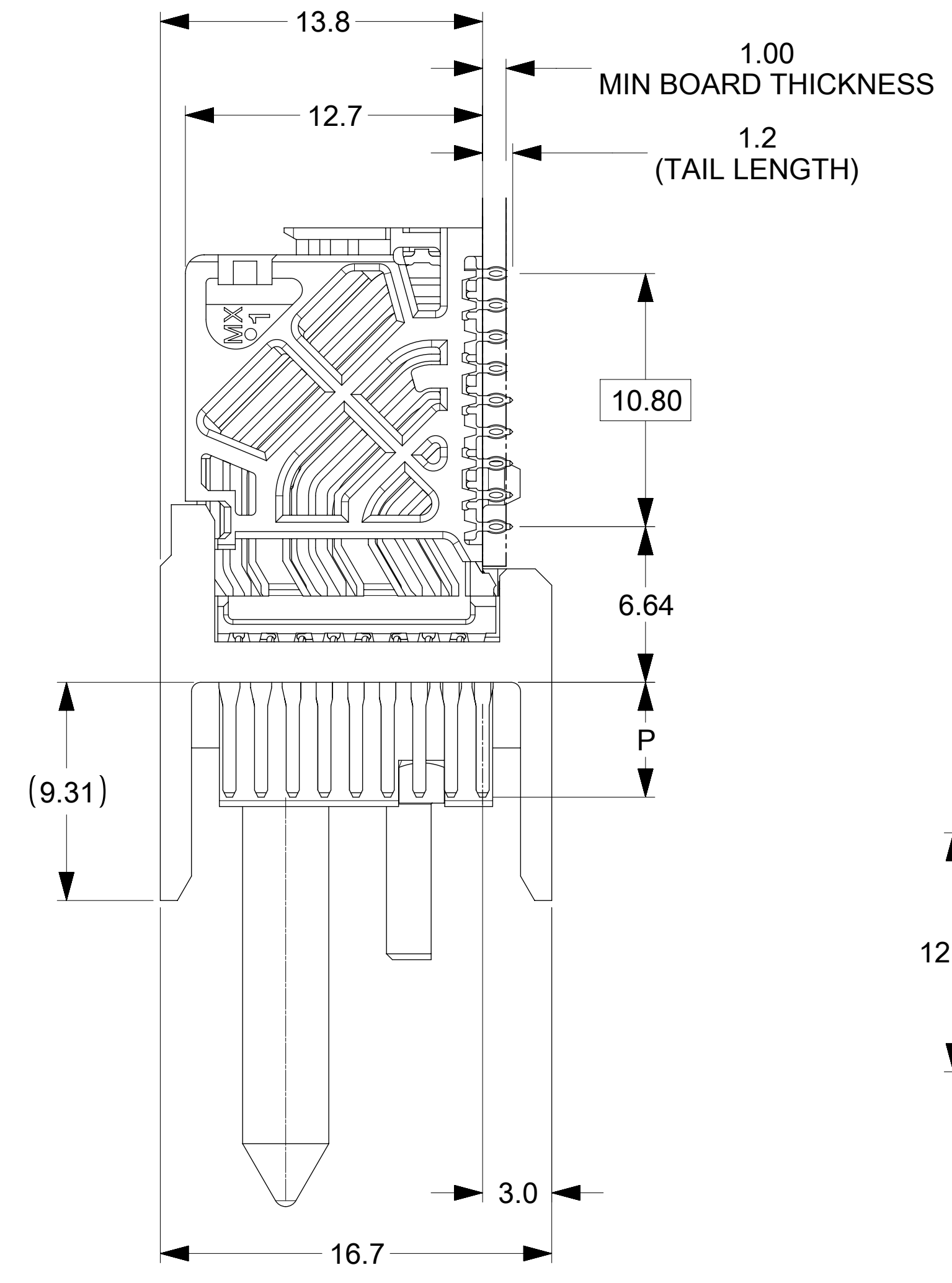
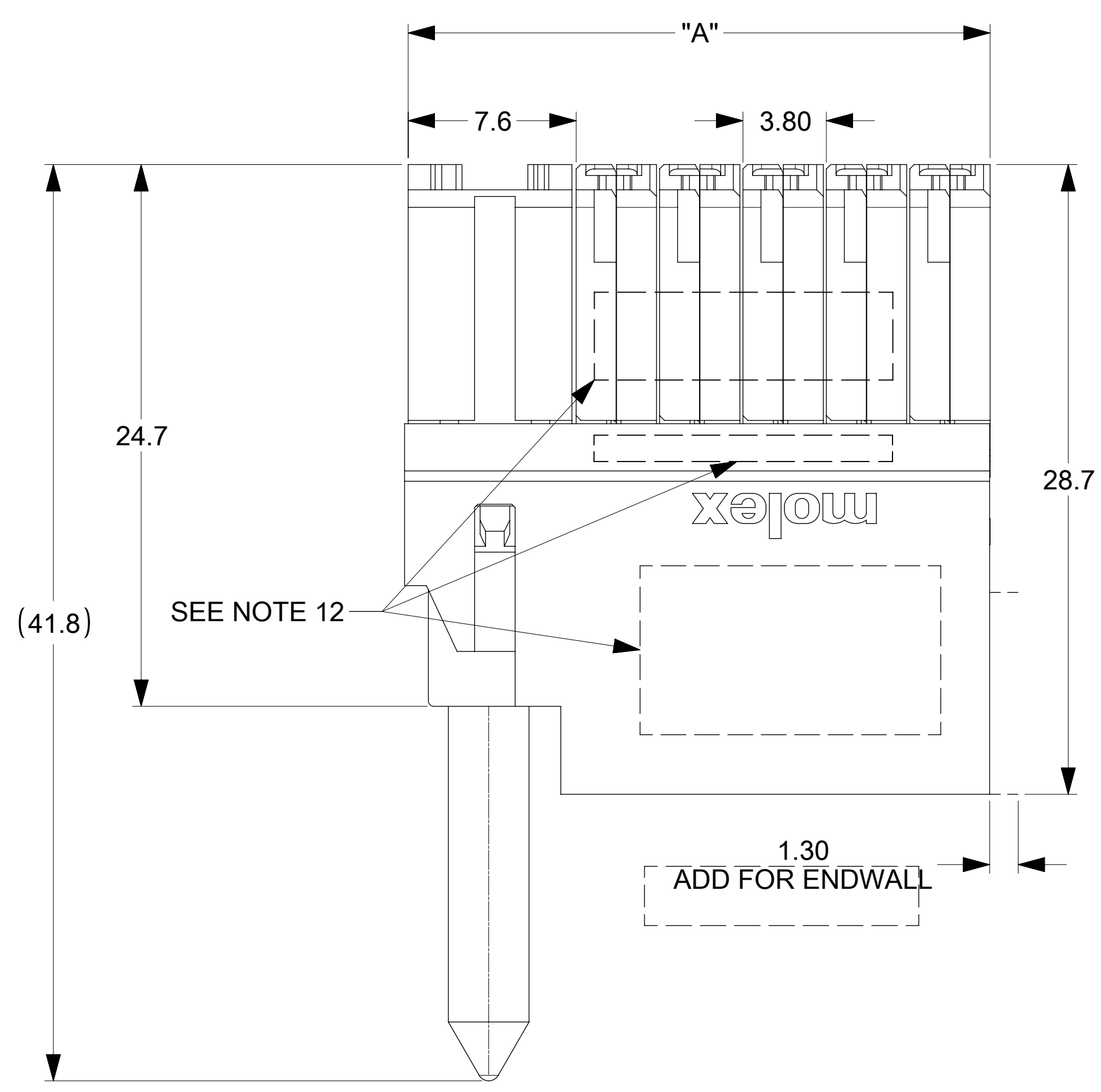
MODULE TYPE  
 3 = LEFT GUIDED LEAD-FREE  
 7 = LEFT GUIDED LEAD-FREE W/ ENDWALL

# OF COLUMNS  
 1 = 10 COL  
 4 = 14 COL  
 6 = 16 COL  
 8 = 8 COL

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)

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: 30uIN 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-70873-762.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
  - REFER TO MOLEX SALES DRAWING SD-76170-004 FOR THE MATING RECEPTACLES.
  - REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
  - MOLEX TO SUPPLY #2-23 SCREW 73726-0000. FOR BOARD THICKNESS AND OTHER SCREW INFORMATION REFER TO IMPACT BACKPLANE SYSTEM SCREW DESIGN GUIDE AS-76060-9999.
  - GUIDE LEFT RAM MATES WITH A GUIDE RIGHT DAUGHTERCARD.
  - OPEN END OPTION SHOWN FOR CLARITY.
  - MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

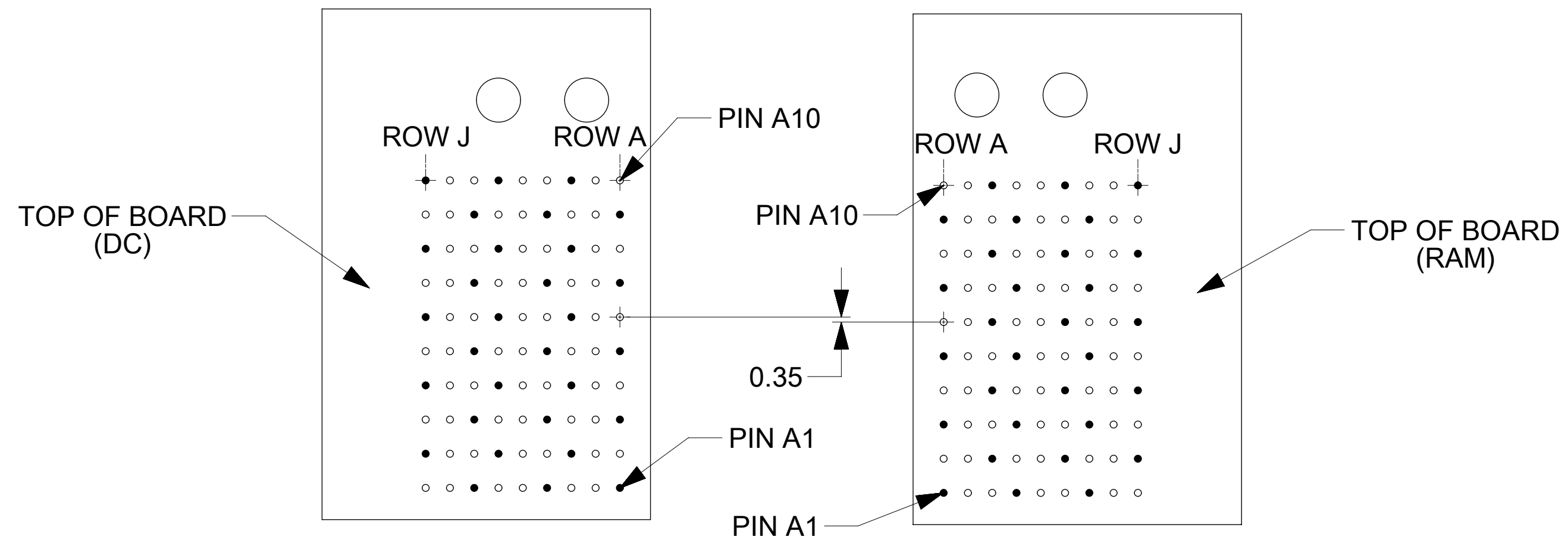
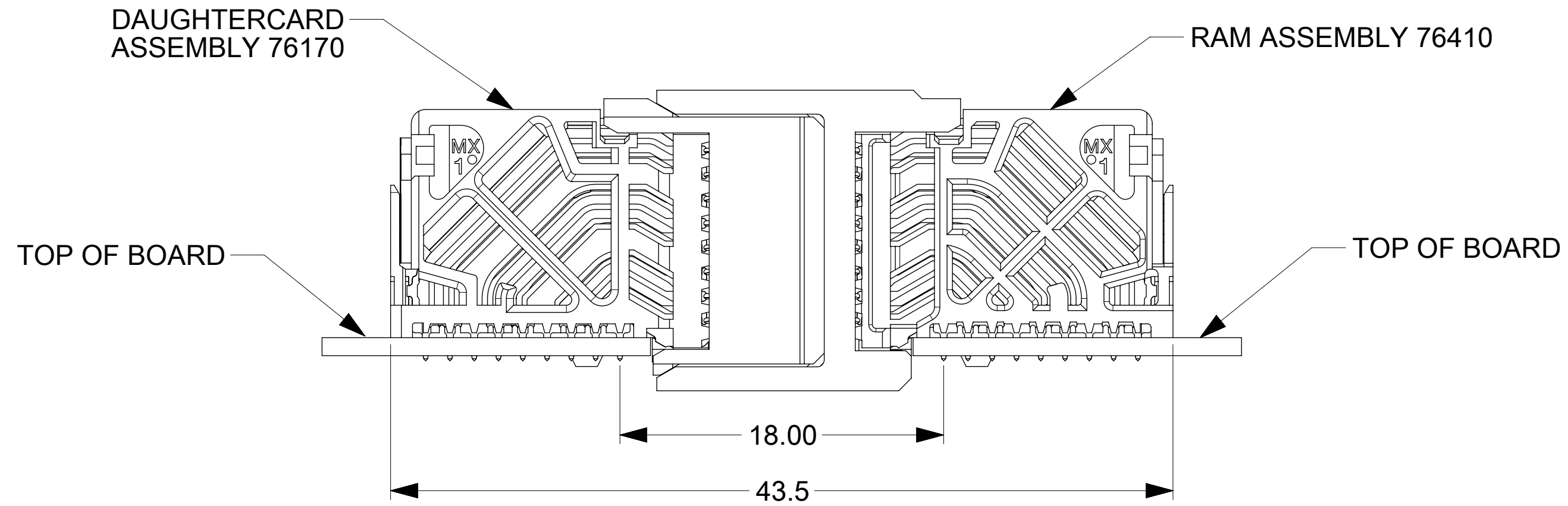


**RAM HOLE PATTERN (CONNECTOR SIDE)**

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: CHANGE SCREW P/N
GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL: $\pm 0.5^\circ$	4 PLACES: $\pm$	3 PLACES: $\pm$
2 PLACES: $\pm 0.13$	1 PLACE: $\pm 0.25$	0 PLACES: $\pm$
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 76410
<p>EC NO: 623439          DRWN: JSGOH01    2019/08/30          CHK'D: SHONG    2019/09/16          APPR: SHONG    2019/09/16</p> <p>INITIAL REVISION:          DRWN: JLAURX    2008/10/23          APPR: JLAURX    2008/10/27</p>		
<p><b>molex</b></p> <p>IMPACT 3 PAIR RAM          GUIDE LEFT SIGNAL MODULE SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p>		<p>DOCUMENT NUMBER: SD-76410-002</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>REVISION: F3</p>
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: CHANGE SCREW P/N					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 0.5°		EC NO: 623439		2019/08/30		IMPACT 3 PAIR RAM	
4 PLACES		±		DRWN: JSGOH01		2019/09/16		GUIDE LEFT SIGNAL MODULE SALES DRAWING	
3 PLACES		±		CHK'D: SHONG		2019/09/16		PRODUCT CUSTOMER DRAWING	
2 PLACES		± 0.13		APPR: SHONG		2019/09/16		INITIAL REVISION:	
1 PLACE		± 0.25		DRWN: JLAURX		2008/10/23		DOCUMENT NUMBER	
0 PLACES		±		APPR: JLAURX		2008/10/27		SD-76410-002	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						C-SIZE		76410	
MATERIAL NUMBER				CUSTOMER		SHEET NUMBER		DOC TYPE   DOC PART   REVISION	
SEE TABLE				GENERAL MARKET		2 OF 2		PSD   001   F3	