

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-\*\*\***

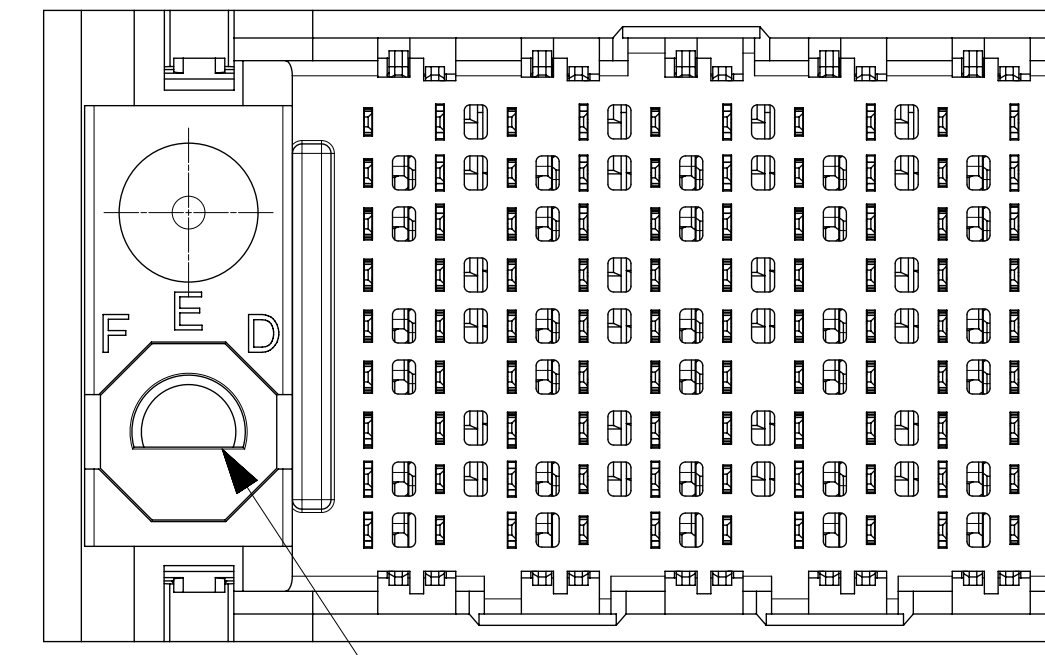
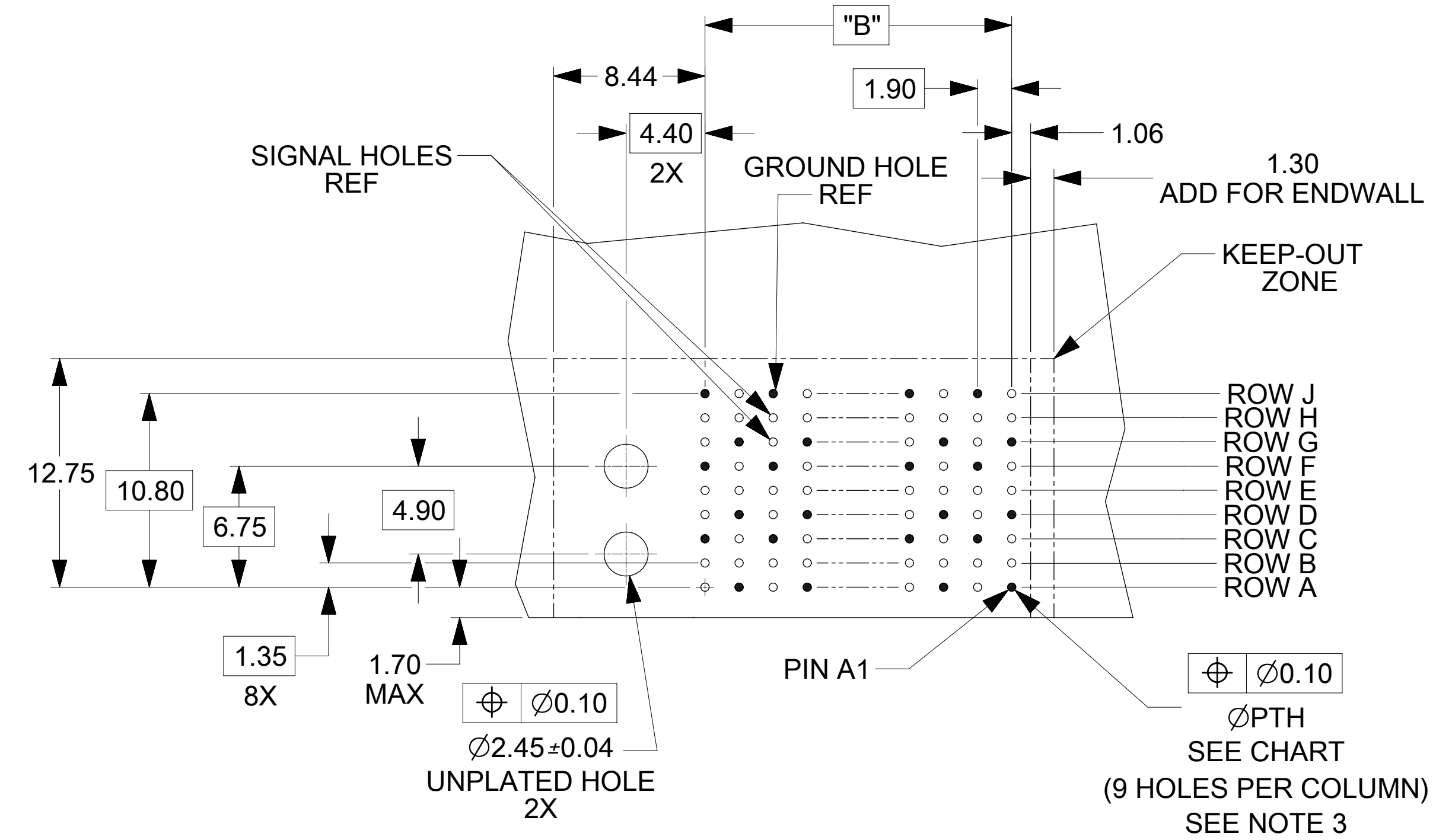
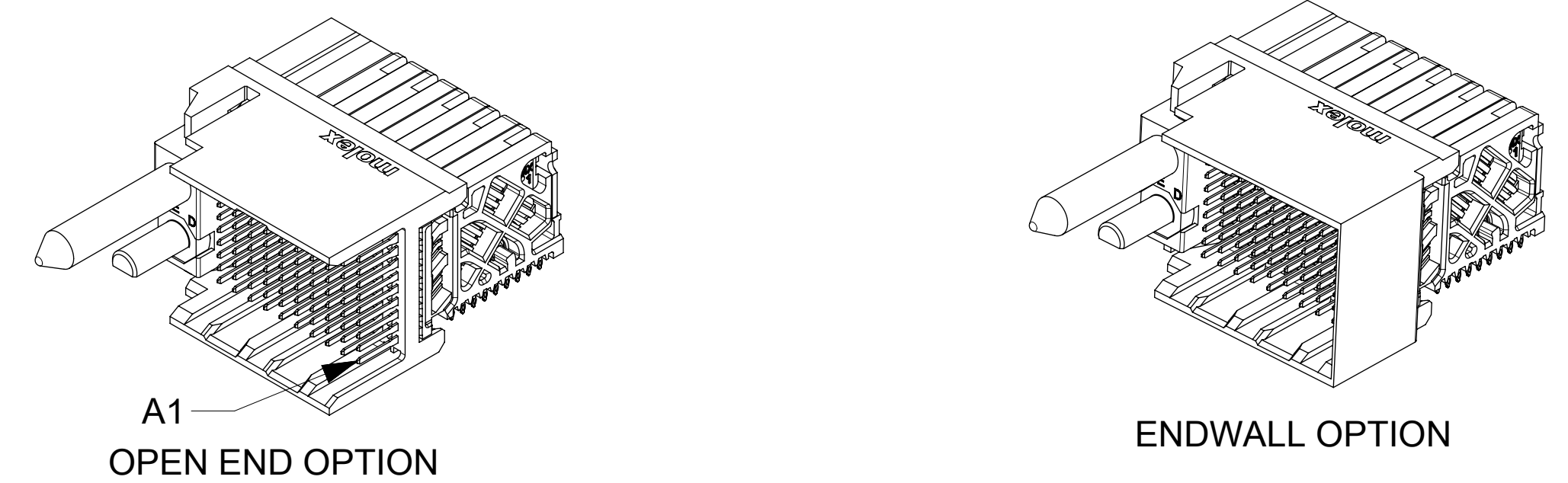
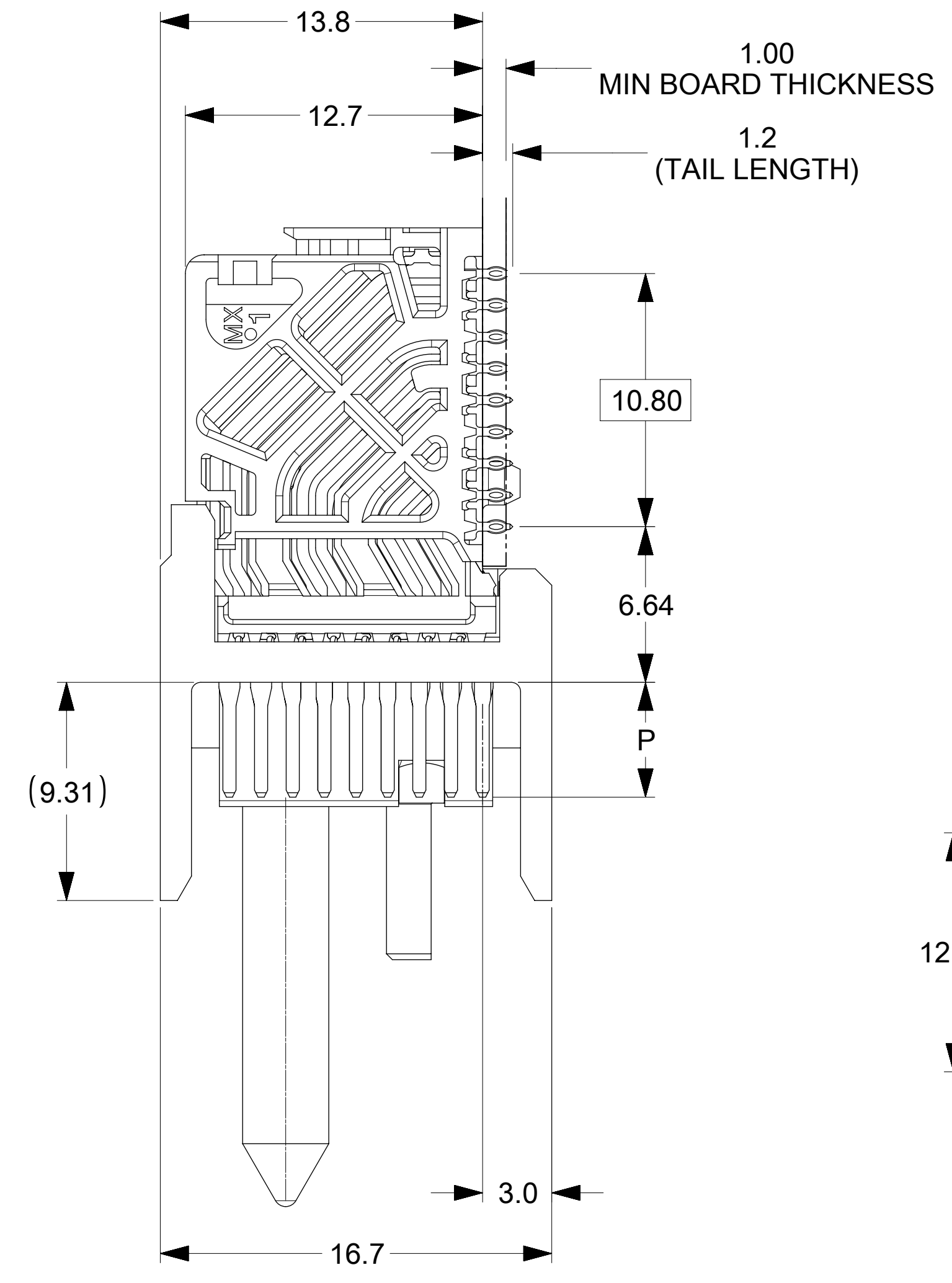
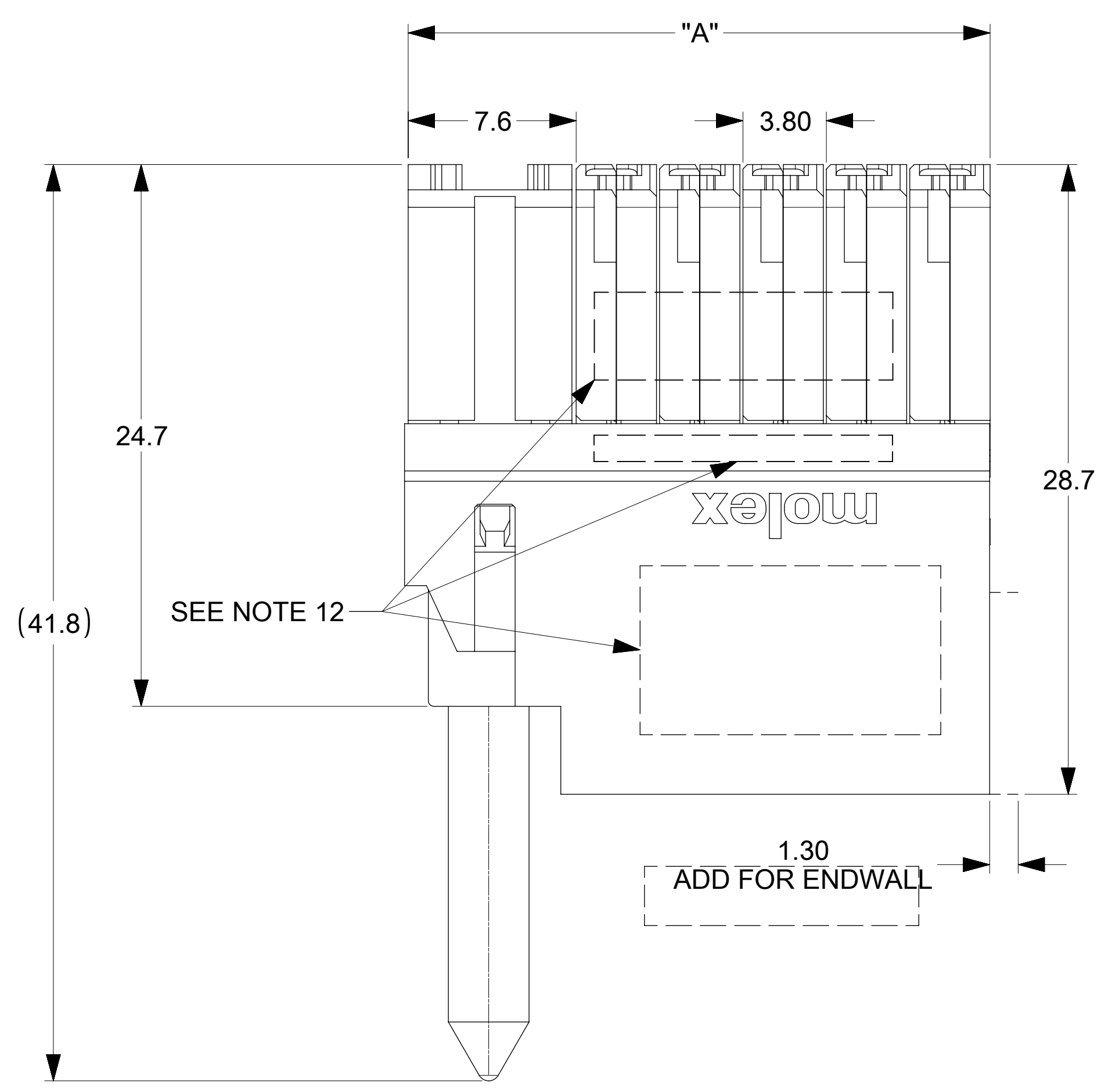
MODULE TYPE  
 3 = LEFT GUIDED LEAD-FREE  
 7 = LEFT GUIDED LEAD-FREE W/ ENDWALL

# 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	± 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: D-SIZE	SERIES: 76410	
MATERIAL NUMBER: SEE TABLE		CUSTOMER: GENERAL MARKET
SHEET NUMBER: 1 OF 2		

EC NO: 623439  
 DRWN: JSGOH01    2019/08/30  
 CHK'D: SHONG    2019/09/16  
 APPR: SHONG    2019/09/16

INITIAL REVISION:  
 DRWN: JLAURX    2008/10/23  
 APPR: JLAURX    2008/10/27

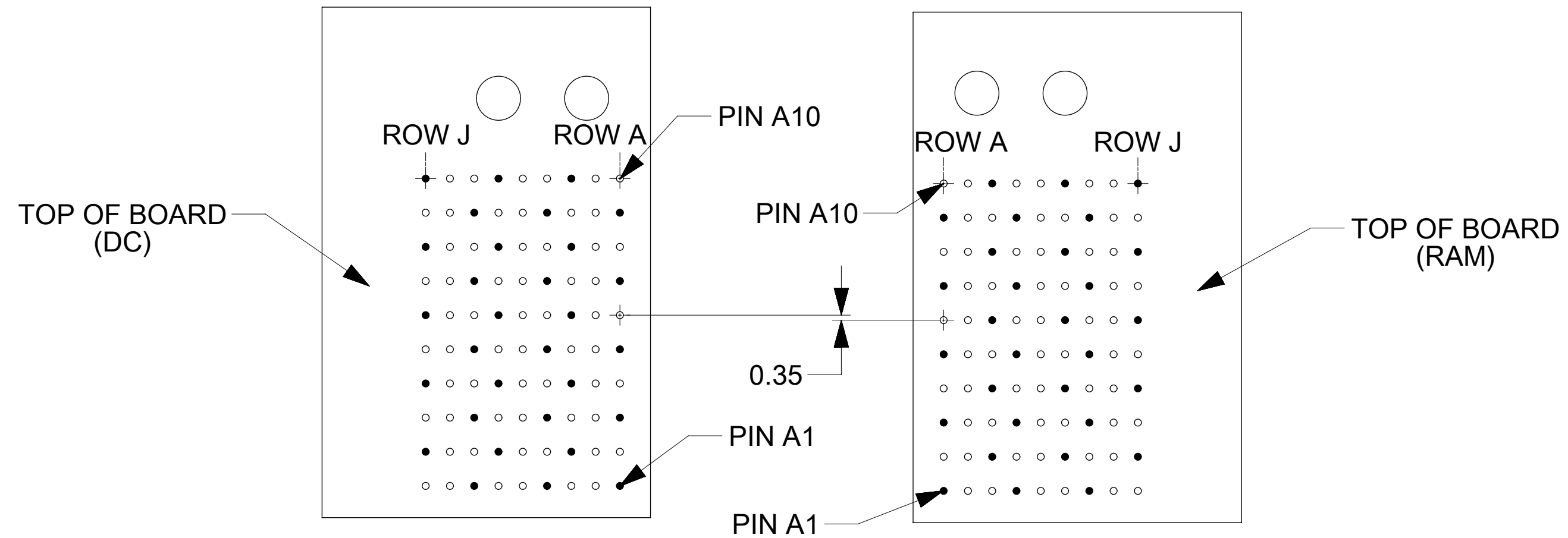
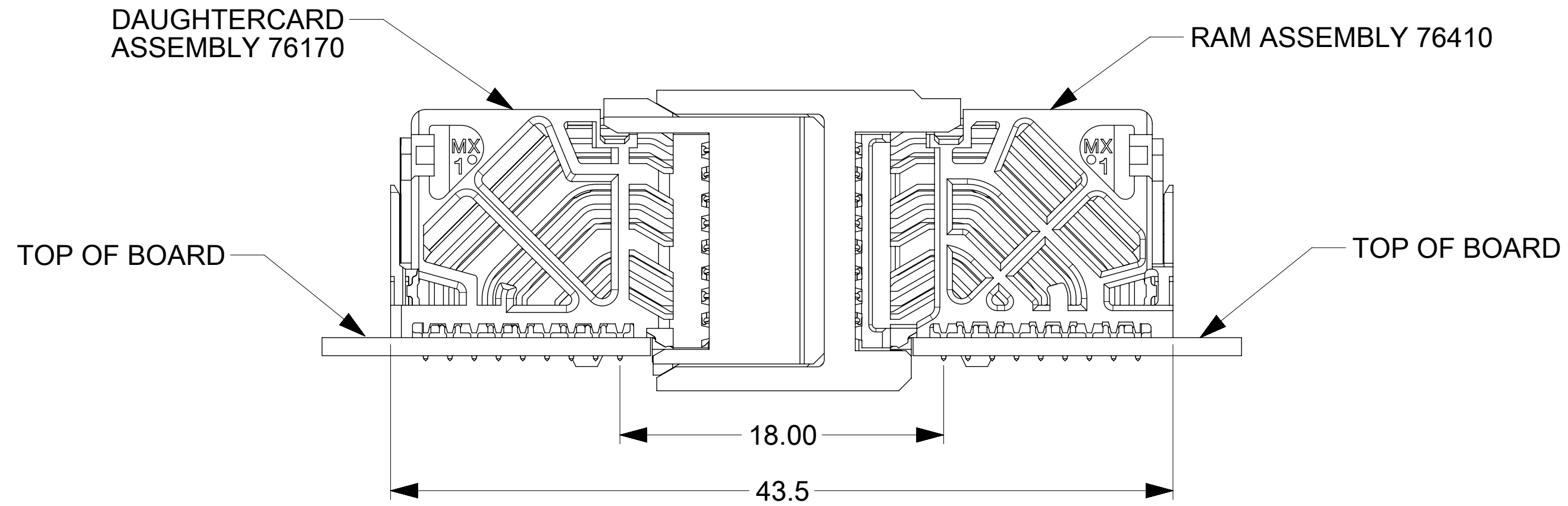
**molex**

IMPACT 3 PAIR RAM  
 GUIDE LEFT SIGNAL MODULE SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-76410-002    DOC TYPE: PSD    DOC PART: 001    REVISION: F3

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