



**THE DATASHEET OF**  
**764103607**



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-\*\*\***

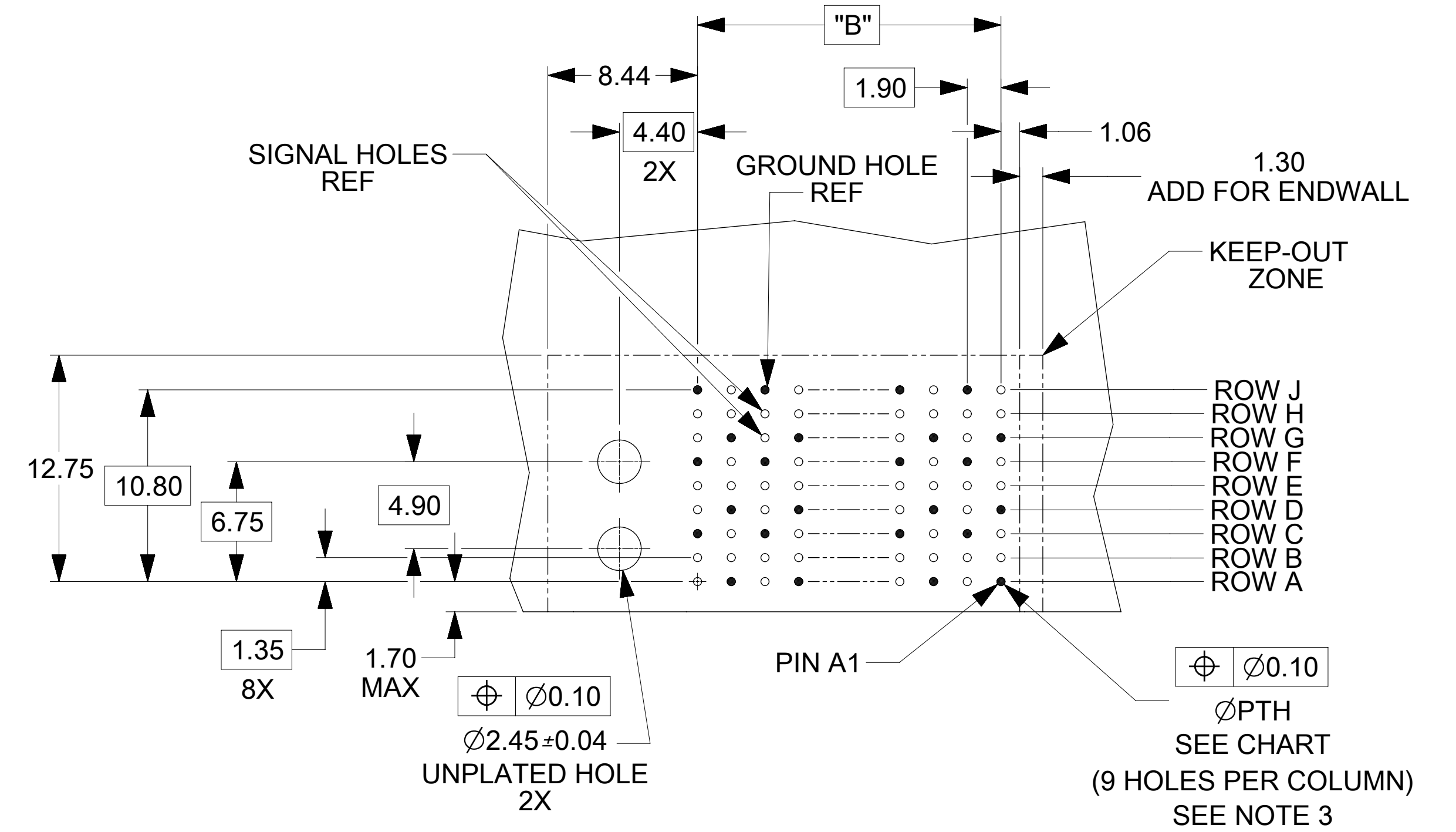
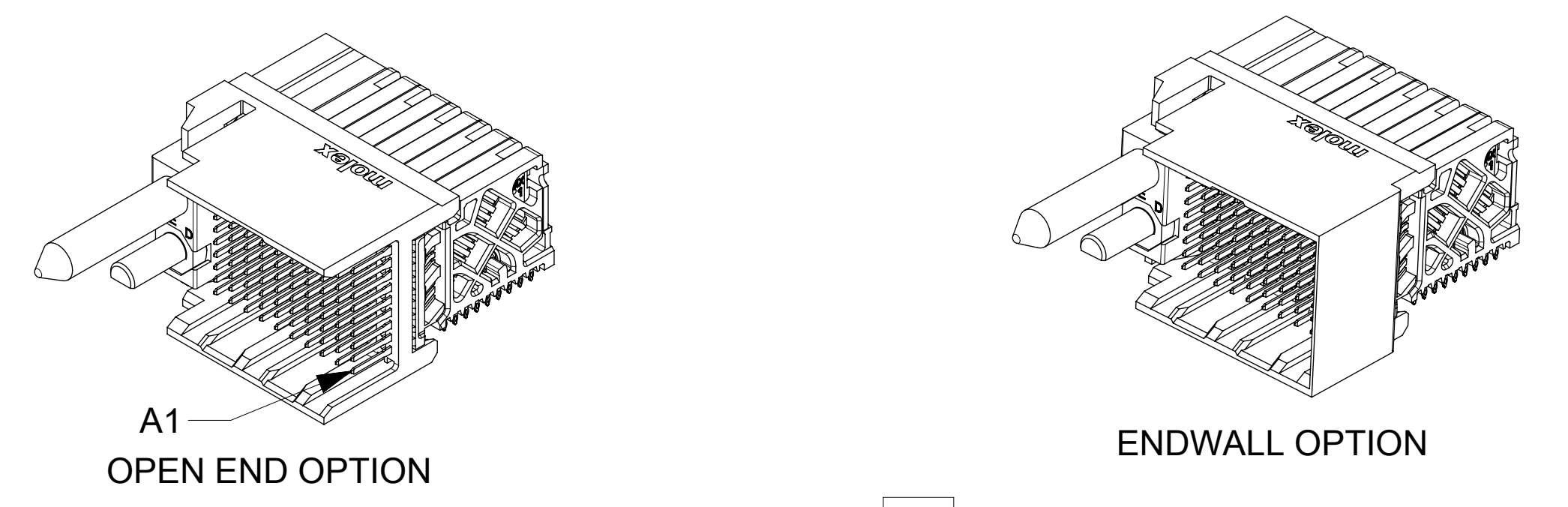
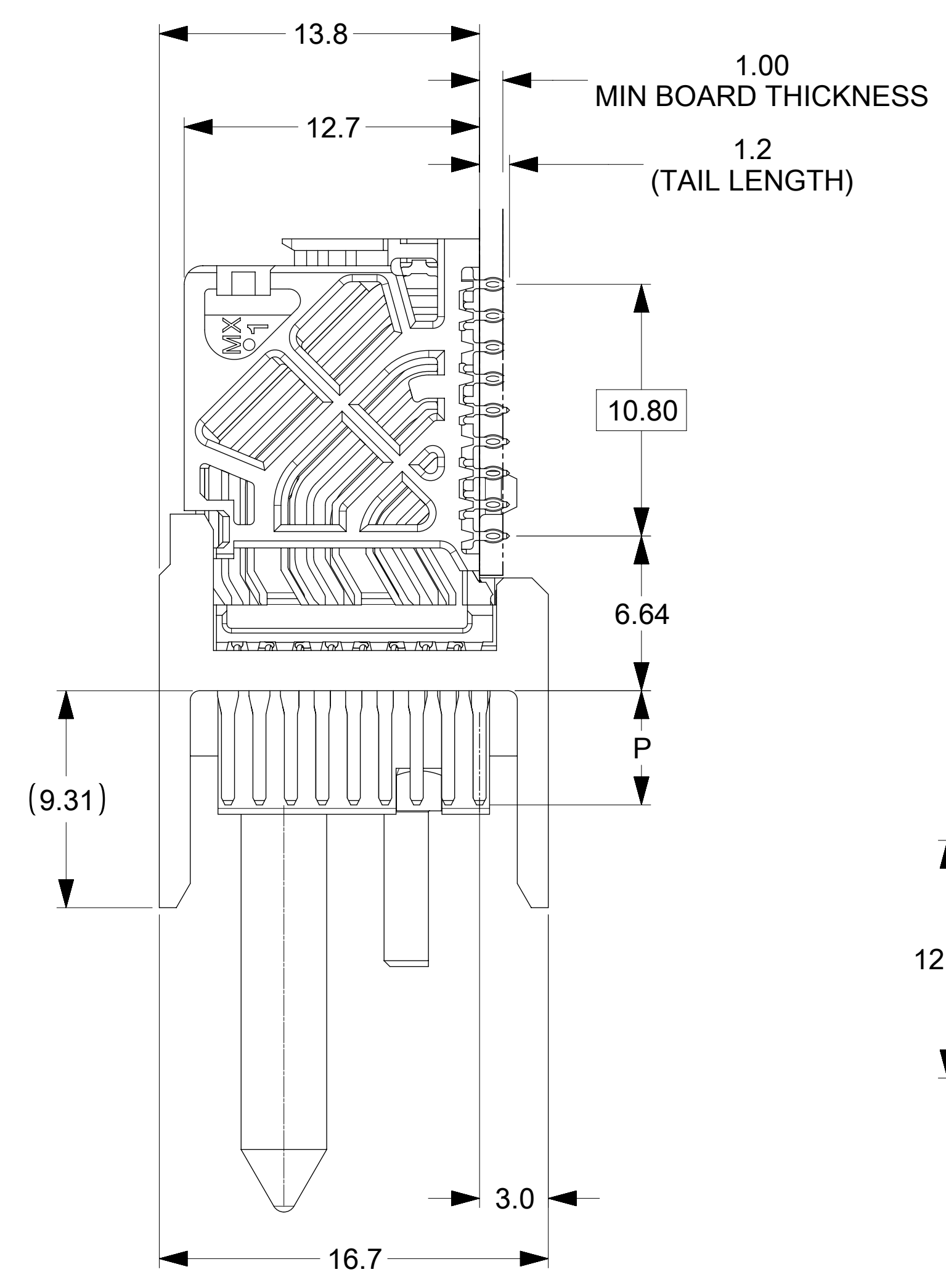
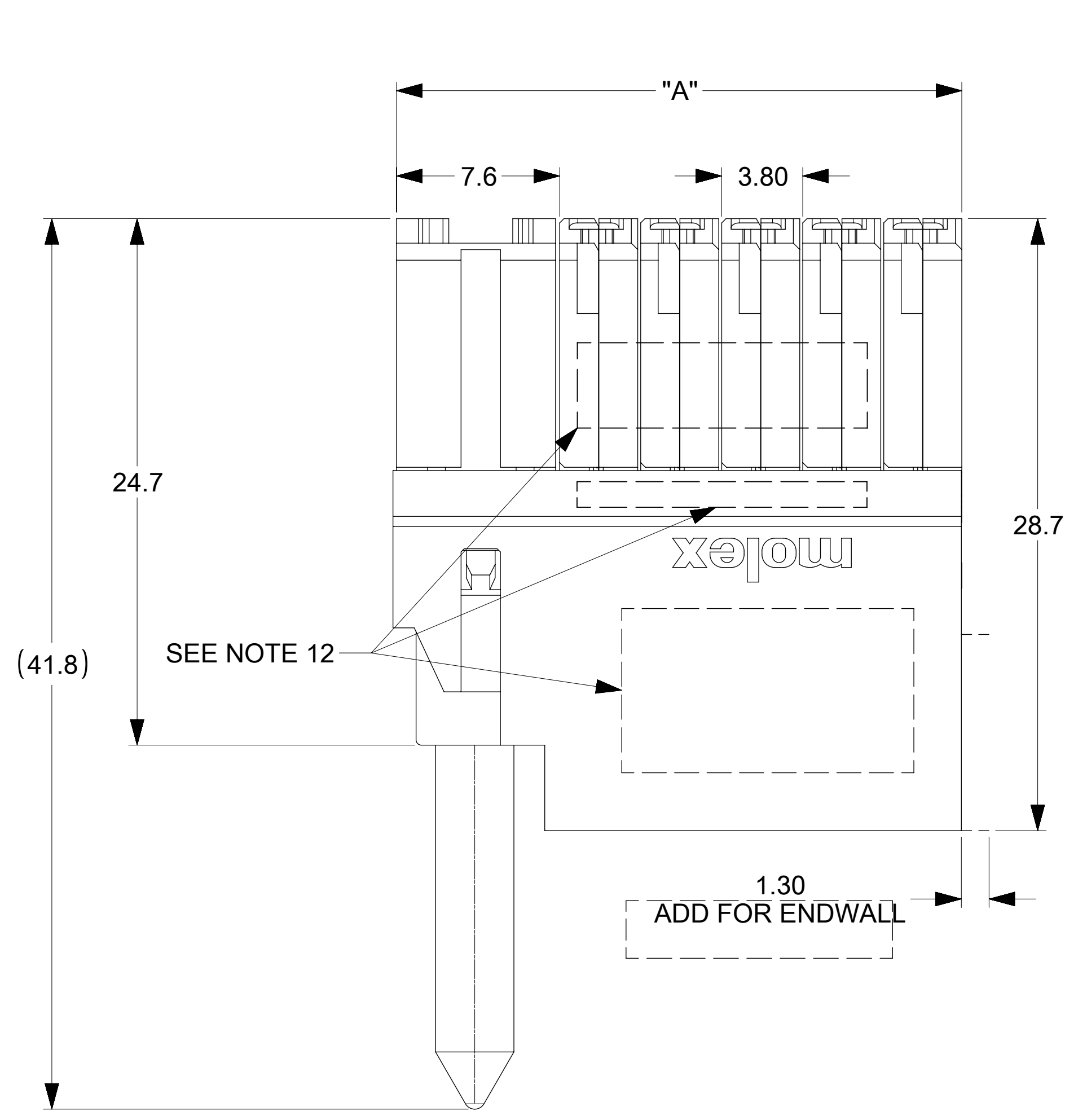
MODULE TYPE  
 3 = LEFT GUIDED LEAD-FREE  
 7 = LEFT GUIDED LEAD-FREE W/ ENDWALL

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

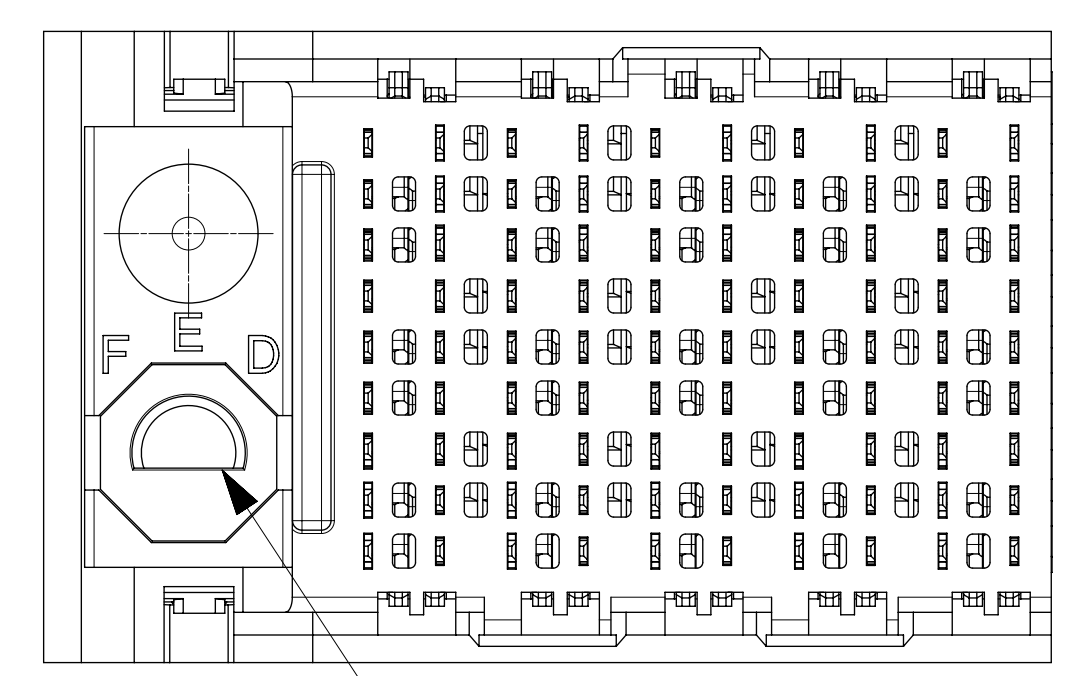
PIN LENGTH (P)  
 4 = 4.90 (0.46 PTH)  
 5 = 5.50 (0.46 PTH)  
 7 = 4.90 (0.39 PTH)  
 8 = 5.50 (0.39 PTH)

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 ANTI PAD AND ROUTING RECOMMENDATIONS.
  - WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0005 (7.62 +0.38/-0.76 mm THREADABLE SCREW LENGTH), THE BOARD THICKNESS RANGE IS 1.00 TO 1.80 mm.
  - 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)**

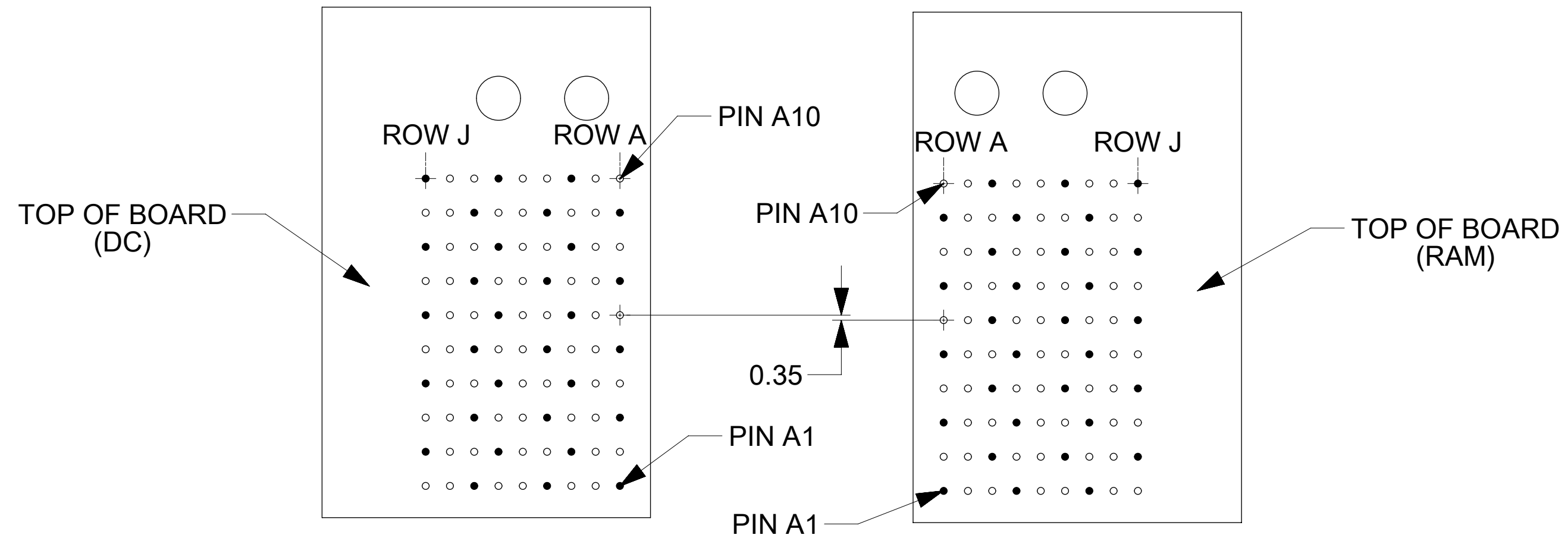
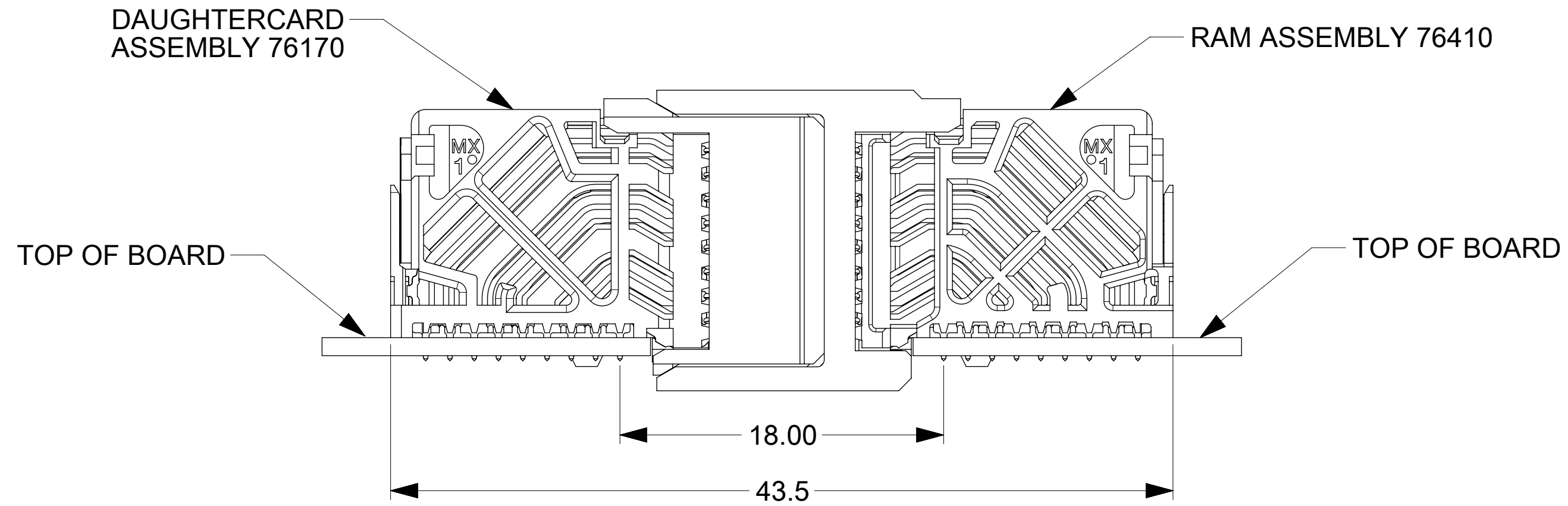


KEY SHOWN IN POSITION A

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DIMENSION UNITS: mm	SCALE: NTS	CURRENT REV DESC: MIGRATED TO NX	<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 621029			
ANGULAR TOL: ± 0.5°	4 PLACES: ±	DRWN: NMUTHARAYAPP 2018/11/30	GUIDE LEFT SIGNAL MODULE SALES DRAWING		
3 PLACES: ±	2 PLACES: ± 0.13	CHK'D: SHONG 2019/07/26	PRODUCT CUSTOMER DRAWING		
1 PLACE: ± 0.25	0 PLACES: ±	APPR: SHONG 2019/07/26	DOCUMENT NUMBER: SD-76410-002		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: JLAURX 2008/10/23	DOC TYPE: PSD	DOC PART: 001	REVISION: F2
THIRD ANGLE PROJECTION		APPR: JLAURX 2008/10/27	SHEET NUMBER: 1 OF 2		
D-SIZE		SERIES: 76410	MATERIAL NUMBER: SEE TABLE		
DRAWING: D-SIZE		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: MIGRATED TO NX					
mm		NTS		<b>molex</b> IMPACT 3 PAIR RAM GUIDE LEFT SIGNAL MODULE SALES DRAWING PRODUCT CUSTOMER DRAWING					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 0.5°							
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.13		EC NO: 621029		2018/11/30		DOCUMENT NUMBER	
1 PLACE		± 0.25		DRWN: NMUTHARAYAPP		2019/07/26		SD-76410-002	
0 PLACES		±		CHK'D: SHONG		2019/07/26		DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		APPR: SHONG		2019/07/26		DOC PART	
				INITIAL REVISION:		2008/10/23		REVISION	
		DRAWING		DRWN: JLAURX		2008/10/27		F2	
		C-SIZE		APPR: JLAURX		2008/10/27		SERIES	
		76410		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE TABLE		GENERAL MARKET		2 OF 2	

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 [Molex, LLC Information](#)

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