

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH Ø
76500-*8**	8	32	15.20	13.30	0.46±0.05
76500-*1**	10	40	19.00	17.10	0.46±0.05
76500-*6**	16	64	30.40	28.50	0.46±0.05
76500-*8**	8	32	15.20	13.30	0.39±0.05
76500-*1**	10	40	19.00	17.10	0.39±0.05
76500-*6**	16	64	30.40	28.50	0.39±0.05

76500-****

MODULE TYPE
1 = UNGUIDED, LEAD-FREE

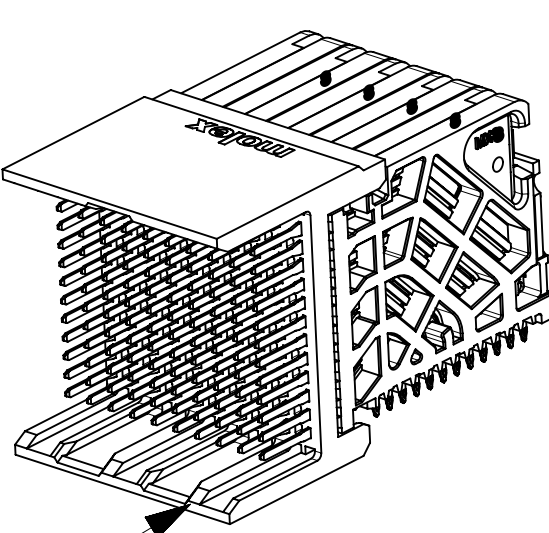
OF COLUMNS
1 = 10 COLUMNS
6 = 16 COLUMNS
8 = 8 COLUMNS

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)

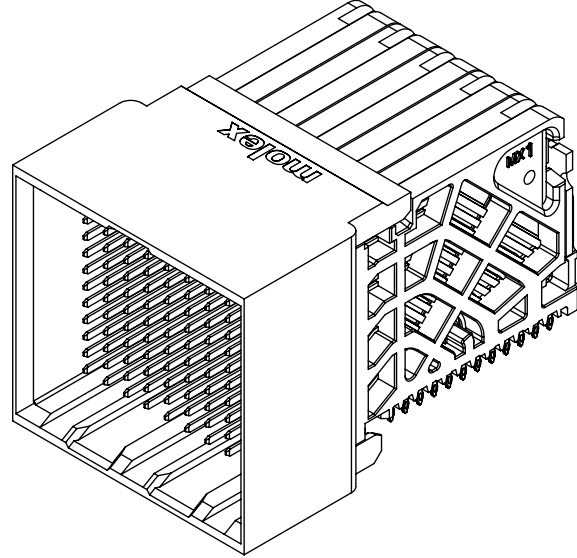
END WALL OPTIONS
0 = OPEN ENDS
1 = LEFT ENDWALL
2 = DUAL ENDWALL
3 = RIGHT ENDWALL

NOTES:

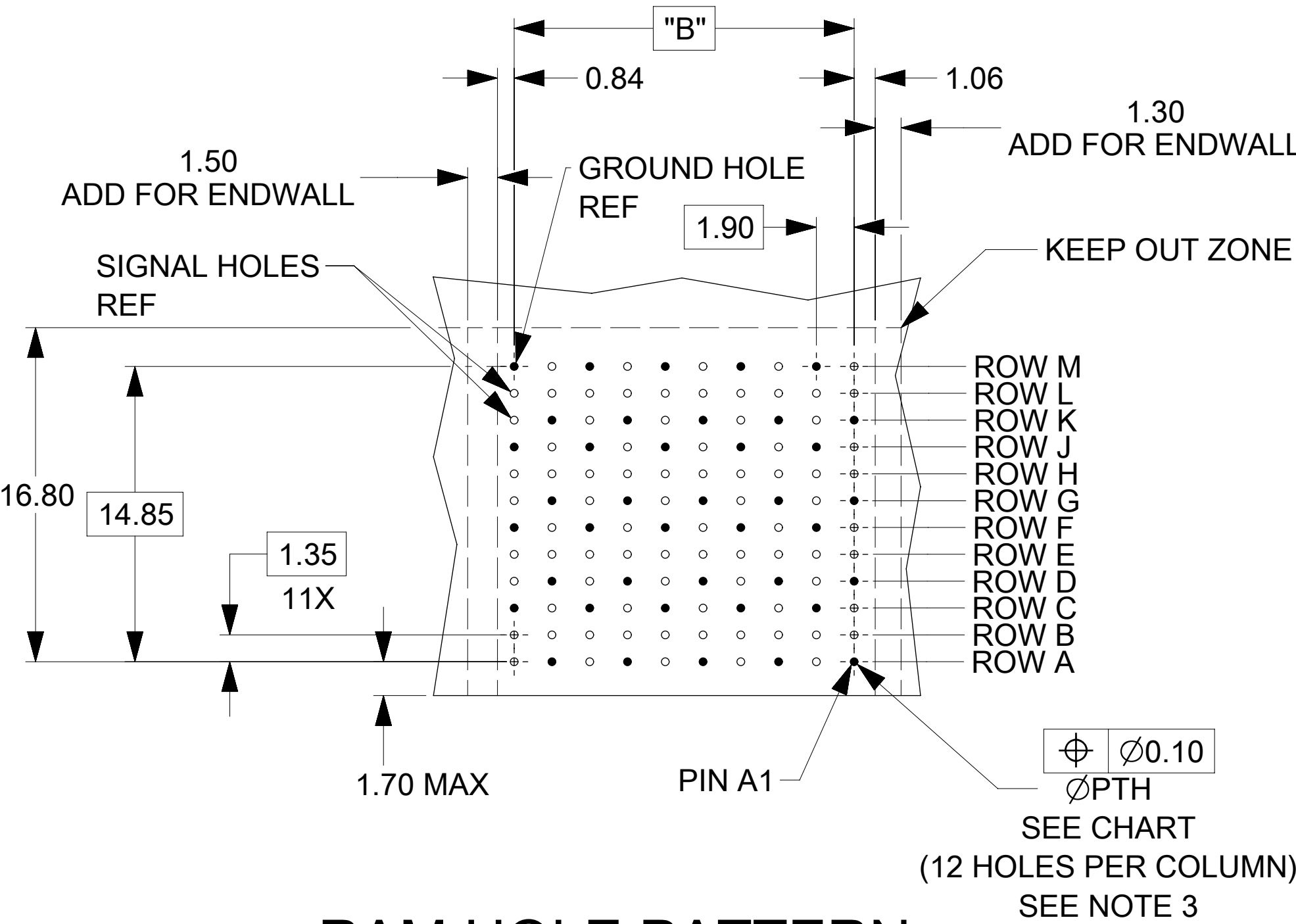
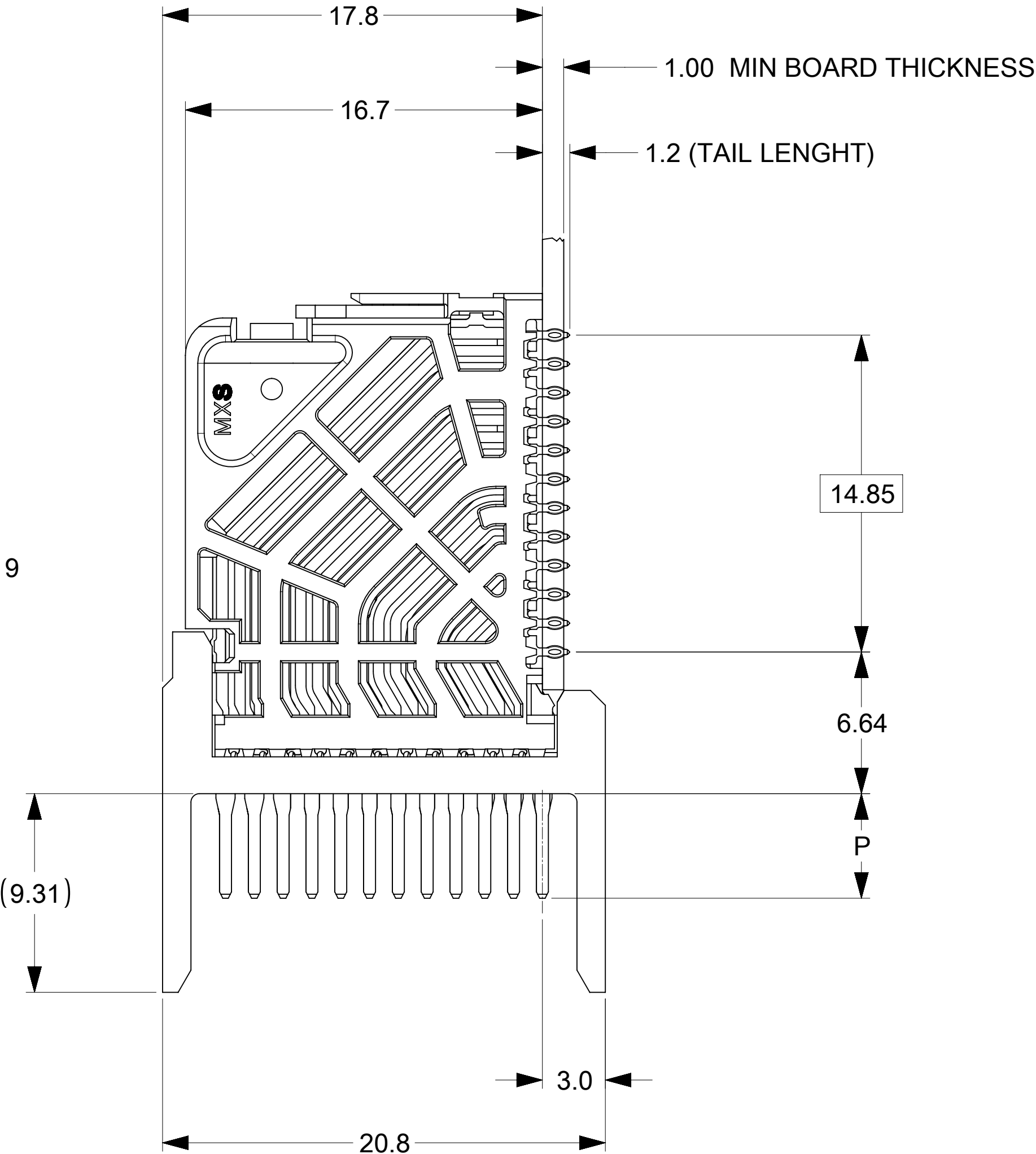
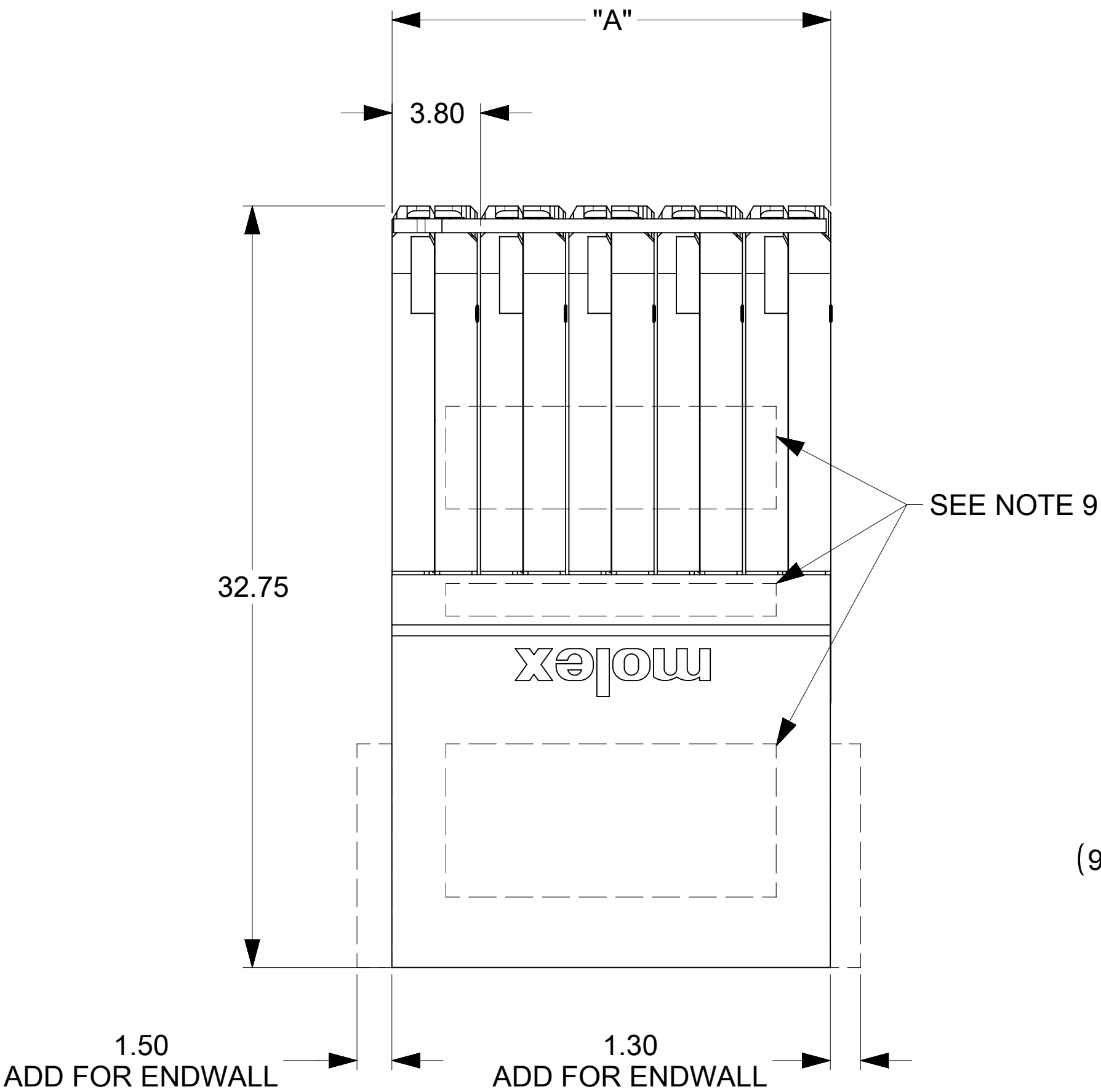
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
- FINISH: 30µIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
- REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL 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-76160-001 FOR THE MATING RECEPTACLES.
- REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
- MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.



A1
OPEN END OPTION



DUAL WALL OPTION



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		SCALE		CURRENT REV DESC: REMASTERED TO NX				molex IMPACT 4 PAIR RAM UNGUIDED SIGNAL MODULE SALES DRAWING							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 0.5 °						EC NO: 705090 DRWN: DYARAS 2021/12/07 CHKD: YOGEEB 2022/02/09 APPR: LZENG 2022/05/13				PRODUCT CUSTOMER DRAWING			
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.13													
1 PLACE		± 0.25													
0 PLACES		±						INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	
				DRWN: JQUILES 2009/01/12				SD-76500-001		PSD		001		D4	
				APPR: JLAURX 2009/01/13											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		76500		SEE TABLE		GENERAL MARKET		1 OF 2	
															

molex

IMPACT 4 PAIR RAM
UNGUIDED SIGNAL MODULE SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-76500-001

PSD

001

D4

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/13	03:06:35
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DAUGHTERCARD ASSEMBLY 76160

RAM ASSEMBLY 76500

TOP OF BOARD

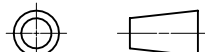
18.00

51.6

TOP OF BOARD

This diagram shows the top view of the DAUGHTERCARD ASSEMBLY 76160. The assembly is rectangular with a total width of 51.6 units. It features two RAM ASSEMBLY 76500 modules, each labeled 'MX8', positioned on the left and right sides. The central area contains a grid of components. The top edge of the board is indicated by arrows. A dimension of 18.00 units is shown for the distance between the two RAM assemblies.



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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMASTERED TO NX		molex IMPACT 4 PAIR RAM UNGUIDED SIGNAL MODULE SALES DRAWING			
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)						PRODUCT CUSTOMER DRAWING			
ANGULAR TOL ± 0.5°									
4 PLACES		±		EC NO: 705090		DOCUMENT NUMBER SD-76500-001			
3 PLACES		±		DRWN: DYARAS 2021/12/07					
2 PLACES		± 0.13		CHK'D: YOGEEB 2022/02/09					
1 PLACE		± 0.25		APPR: LZENG 2022/05/13		DOC TYPE PSD			
0 PLACES		±		INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: JQUILES 2009/01/12		DOC PART 001			
				APPR: JLAURX 2009/01/13					
				THIRD ANGLE PROJECTION		DRAWING D-SIZE		MATERIAL NUMBER SEE TABLE	
				SERIES 76500		SHEET NUMBER 2 OF 2			

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/13	03:06:35
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