

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH $\varnothing$
170510-18**	8	24	15.20	13.30	0.46±0.05
170510-11**	10	30	19.00	17.10	
170510-18**	8	24	15.20	13.30	0.39±0.05
170510-11**	10	30	19.00	17.10	

170510-1***

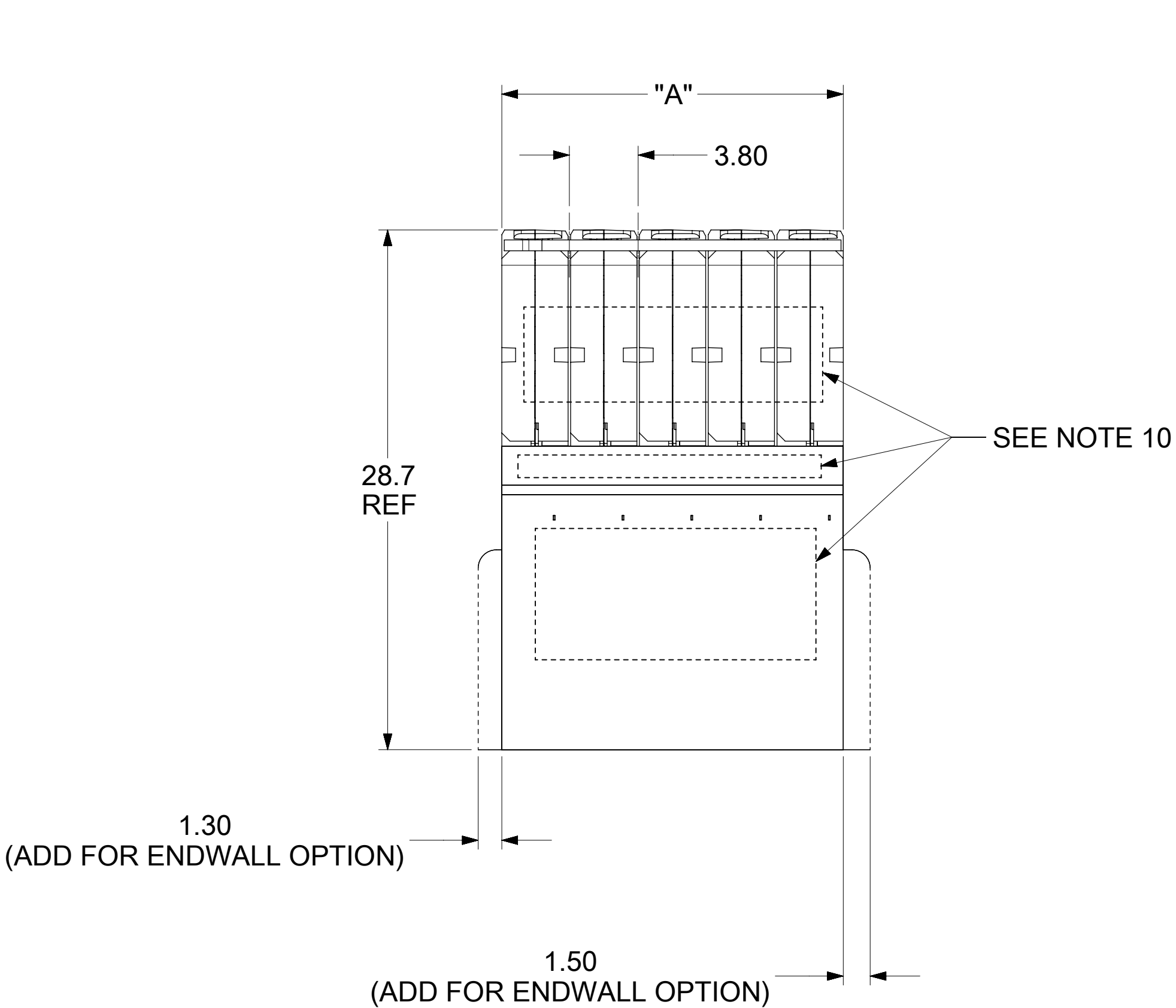
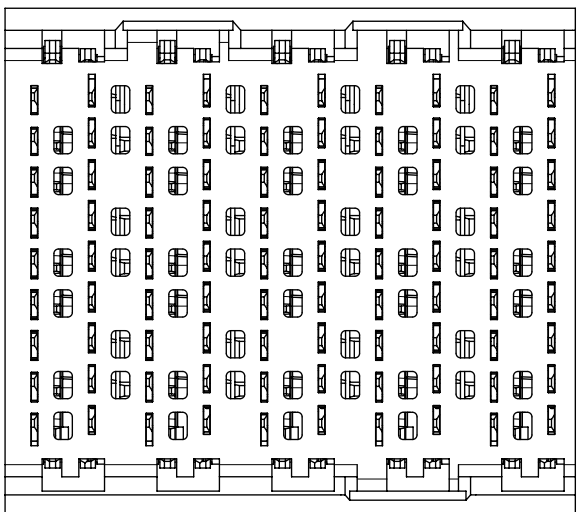
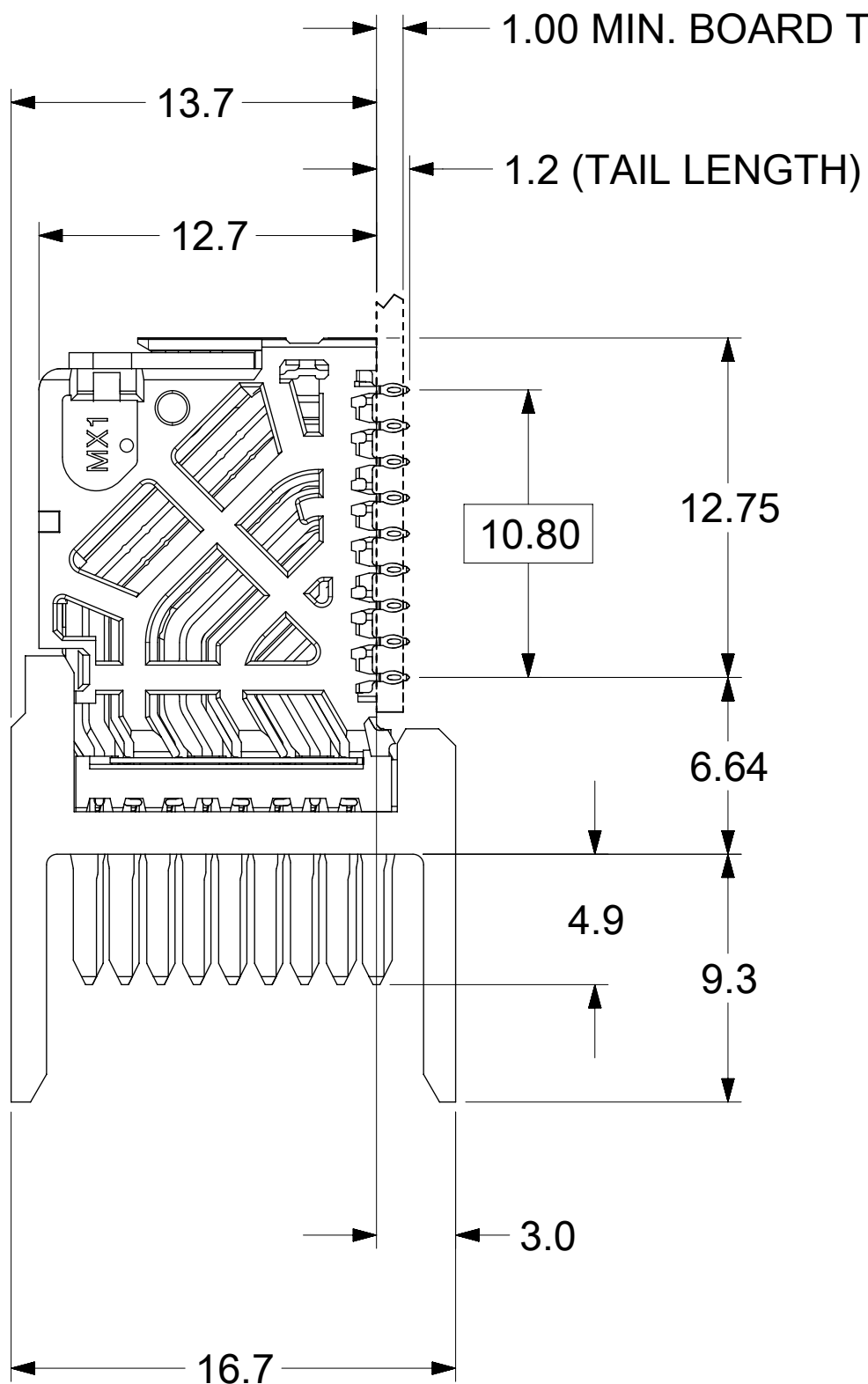
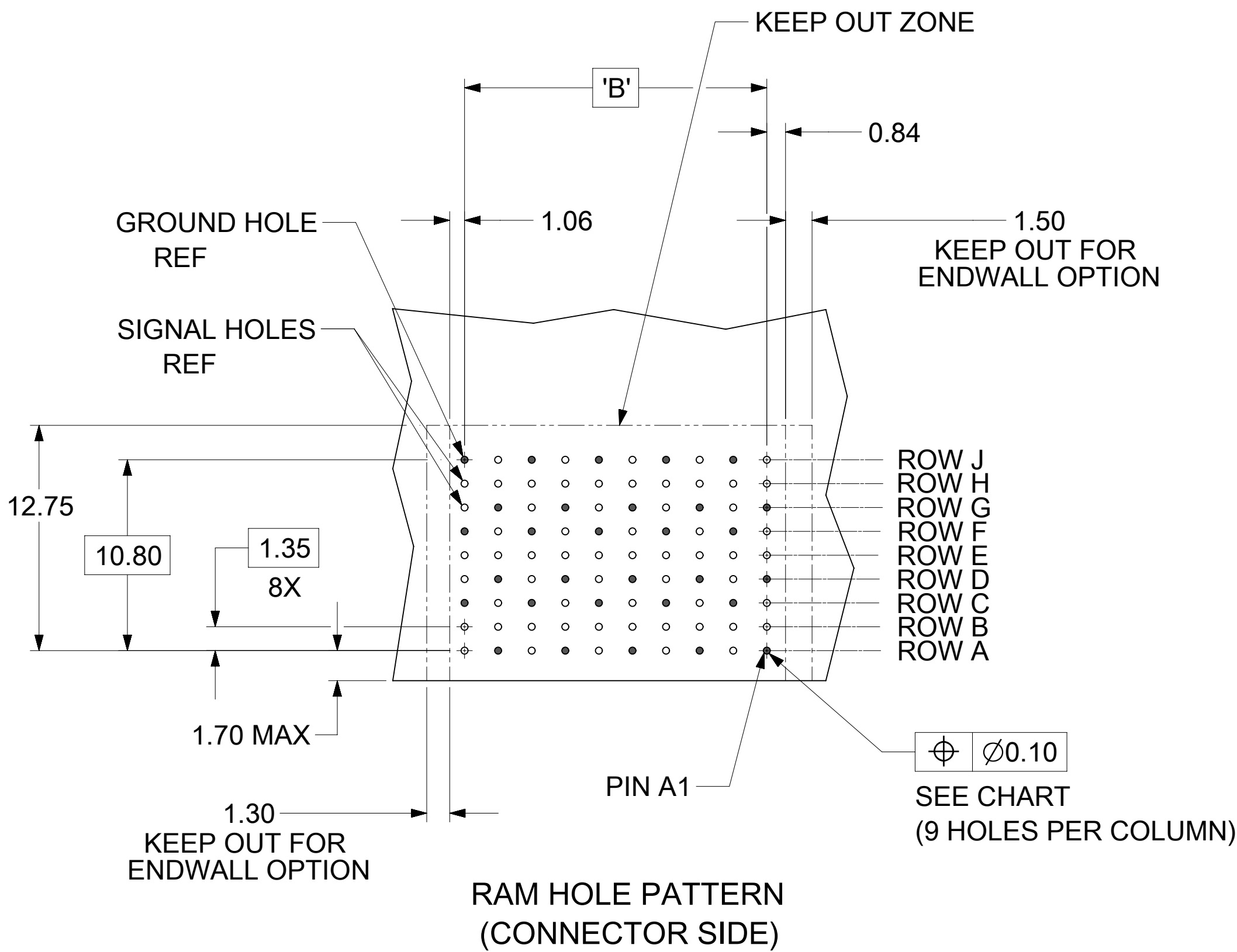
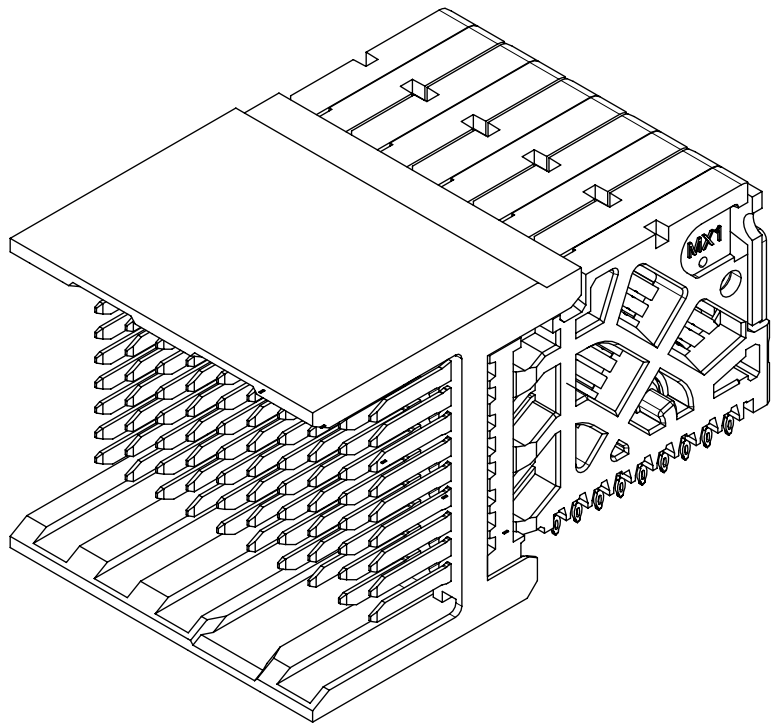
MODULE TYPE
1 = UNGUIDED, LEAD-FREE

OF COLUMNS
1 = 10 COLUMNS
8 = 8 COLUMNS

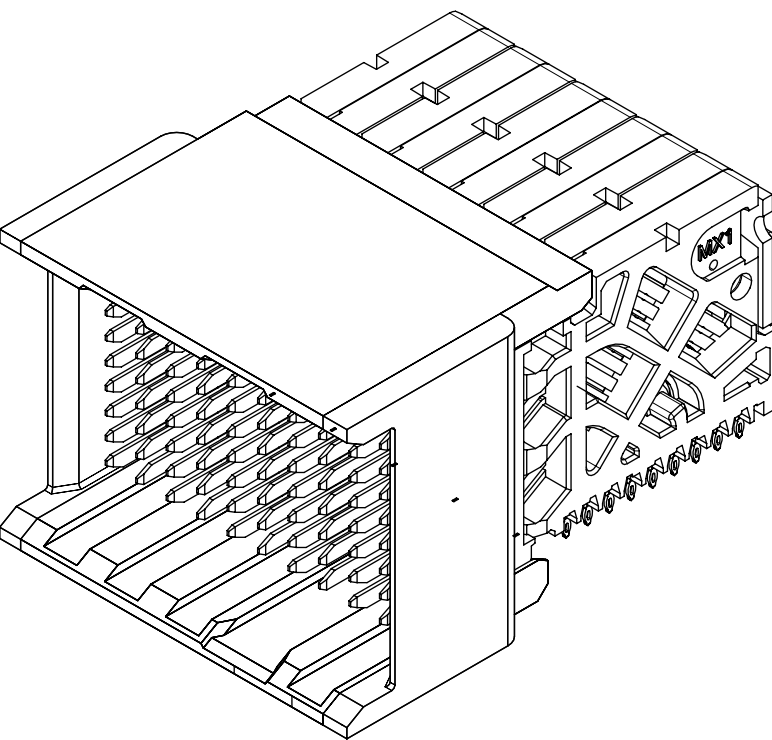
PIN LENGTH (P)
4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.39 PTH)
8 = 5.50 (0.39 PTH)

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

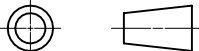
- NOTES:
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 - FINISH: 30μIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
 - REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS 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-170530-0001 FOR THE MATING RECEPTACLES.
 - REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 - GROUND PATHS ARE NOT DISCRETE CIRCUITS.
 - MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.



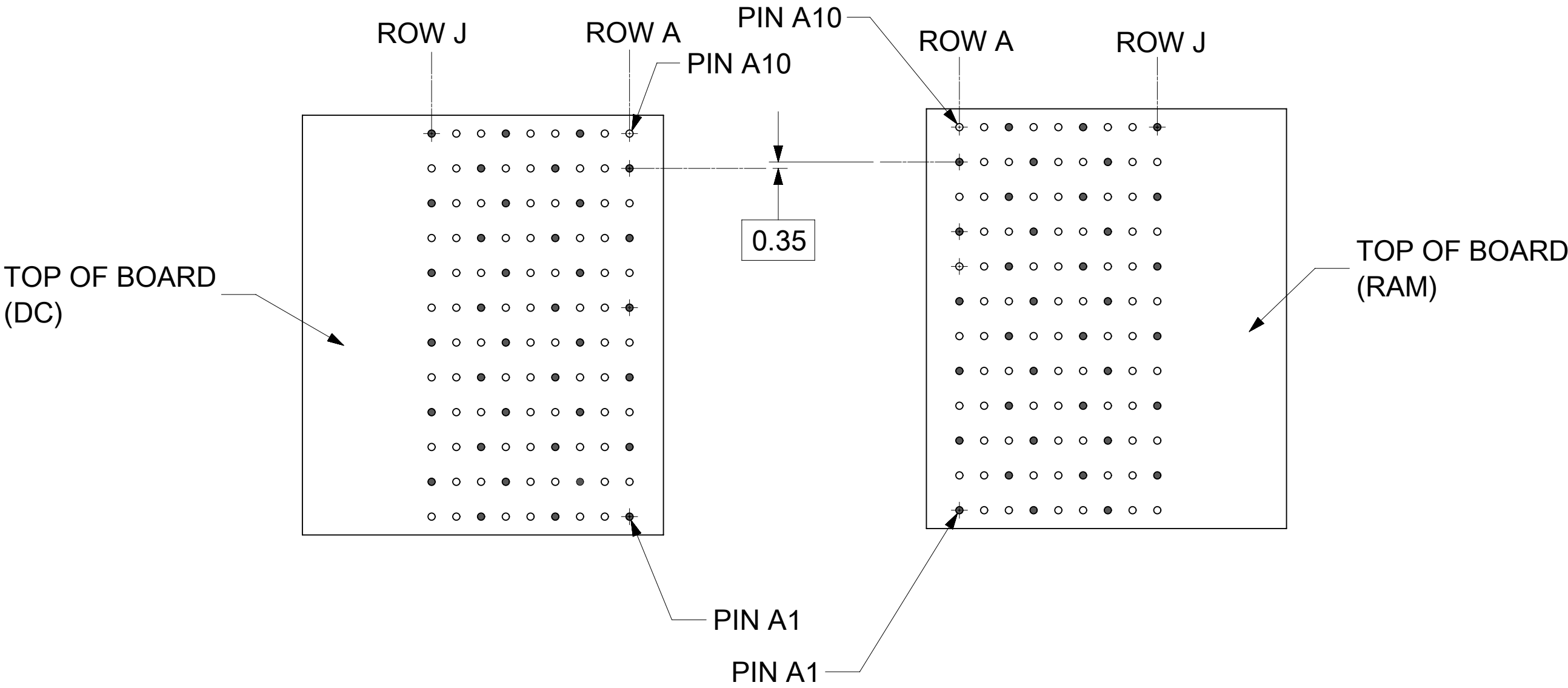
OPEN END OPTION



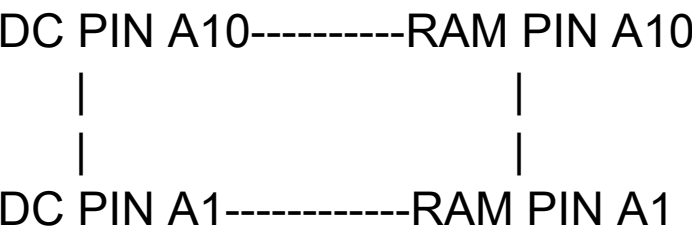
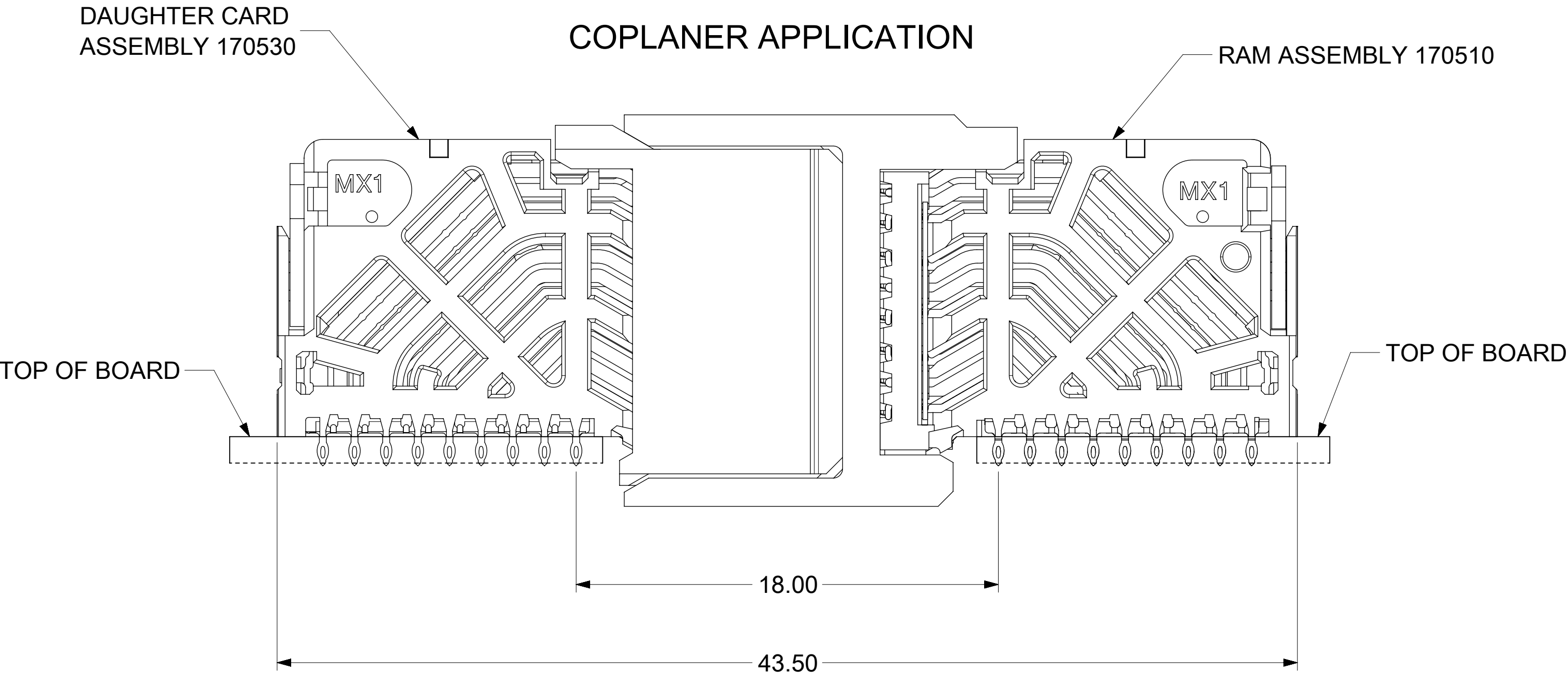
DUAL WALL OPTION

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 AND UPDATED MATING RECEPTACLE DRAWING NUMBER IN NOTE 7.			<div>molex</div>		
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 705090			IMPACT 3P 85 OHM RAM SIGNAL MODULE ASSEMBLY UNGUIDED SALES DRAWING				
ANGULAR TOL ± 0.5°		DRWN: PMAHADEVAPPA 2019/05/14							
4 PLACES ±		CHK'D: TMARRI 2019/12/13			PRODUCT CUSTOMER DRAWING				
3 PLACES ±		APPR: LZENG 2022/05/13							
2 PLACES ± 0.13		INITIAL REVISION:			DOCUMENT NUMBER <div>SD-170510-0002</div>				
1 PLACE ± 0.25		DRWN: MKRAUSE 2013/05/31							
0 PLACES ±		APPR: MKRAUSE 2013/06/21			PSD		001	A4	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 170510		MATERIAL NUMBER SEE CHART	
						CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/13	03:05:07
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COPLANAR MATED SIGNAL PATHS



COPLANER APPLICATION

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DIMENSION UNITS	SCALE
mm	NTS
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	

CURRENT REV DESC: REMASTERED TO NX AND UPDATED MATING RECEPTACLE
DRAWING NUMBER IN NOTE 7.

EC NO: 705090
DRWN: PMAHADEVAPPA 2019/05/14
CHK'D: TMARRI 2019/12/13
APPR: LZENG 2022/05/13

INITIAL REVISION:
DRWN: MKRAUSE 2013/05/31
APPR: MKRAUSE 2013/06/21

THIRD ANGLE PROJECTION

DRAWING
D-SIZE

SERIES
170510

IMPACT 3P 85 OHM RAM
SIGNAL MODULE ASSEMBLY UNGUIDED SALES
DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-170510-0002	PSD	001	A4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2