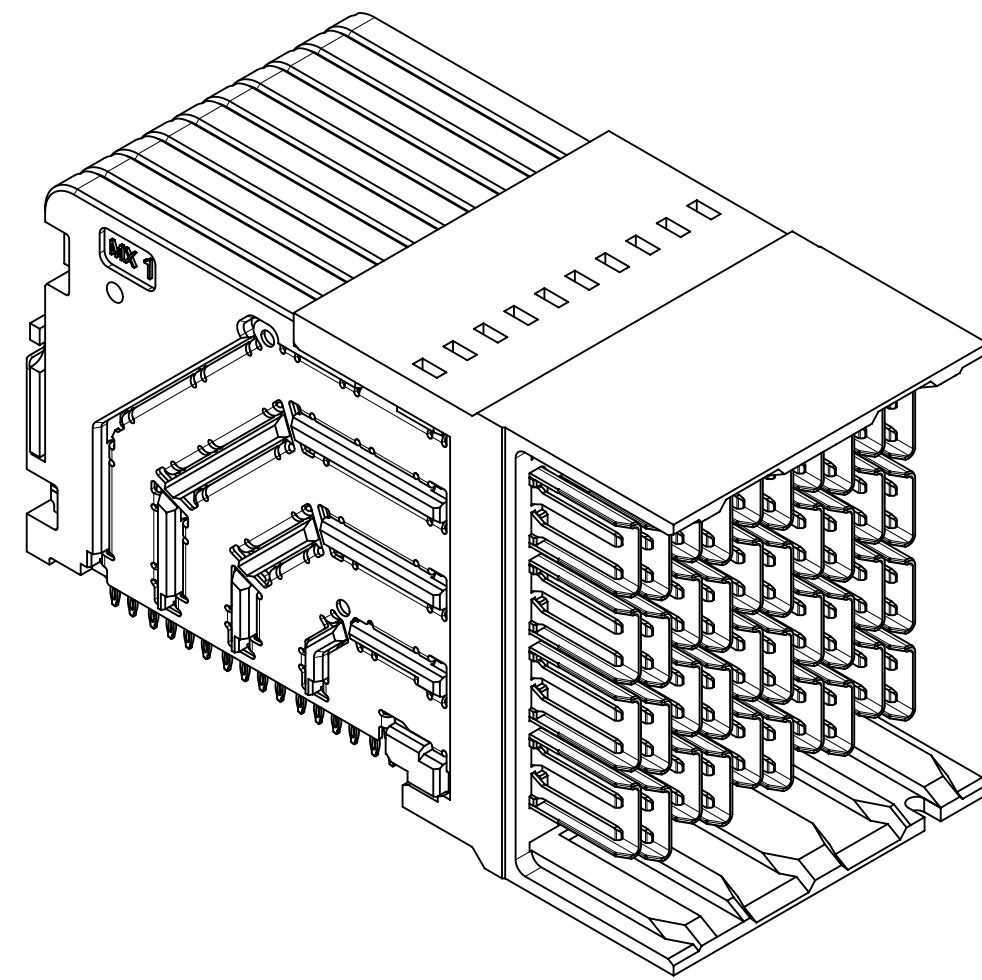


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30uIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 5. PRODUCT WILL BE PACKAGED PER PK-78888-314.
 6. SEE SHEET 2 FOR PCB LAYOUT AND MATING BOARD RELATIONSHIP.
 7. MATES WITH IMPEL DAUGHTERCARD SERIES NUMBER 171320 (UNGUIDED).
 8. REFER TO IMPEL PCB ROUTING GUIDE AS-171320-990 FOR ANTIPAD, ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB INFORMATION.
 9. WHEN STACKING MODULES END TO END, THE MINIMUM COLUMN TO COLUMN HOLE SPACING IS 2.65mm.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
MIGRATED TO NX EC NO: 169494 DRWN: YLLIM CHKD: CYLAW REV / APPR: DWLE01	2018/04/09 2018/04/11 2018/04/17		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS	SCALE					
			ANGULAR TOL ± 0.5 °			MM	4:1					
	4 PLACES ±		JLAURX			DRWN BY	DATE	IMPEL 4 PAIR RIGHT ANGLE MALE (RAM) UNGUIDED SALES DRAWING				
	3 PLACES ±		TPREMO			CHKD BY	DATE					
	2 PLACES ± 0.13		JLAURX			APPR BY	DATE	PRODUCT CUSTOMER DRAWING				
	1 PLACE ± 0.25		2014/12/09			SERIES	MATERIAL NUMBER					CUSTOMER
0 PLACES ±		2014/12/09			172140	SEE CHART	GENERAL MARKET					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER		DOC TYPE		DOC PART SHEET NUMBER	
A3			C				SD-172140-0001		PSD		001 1 OF 2	

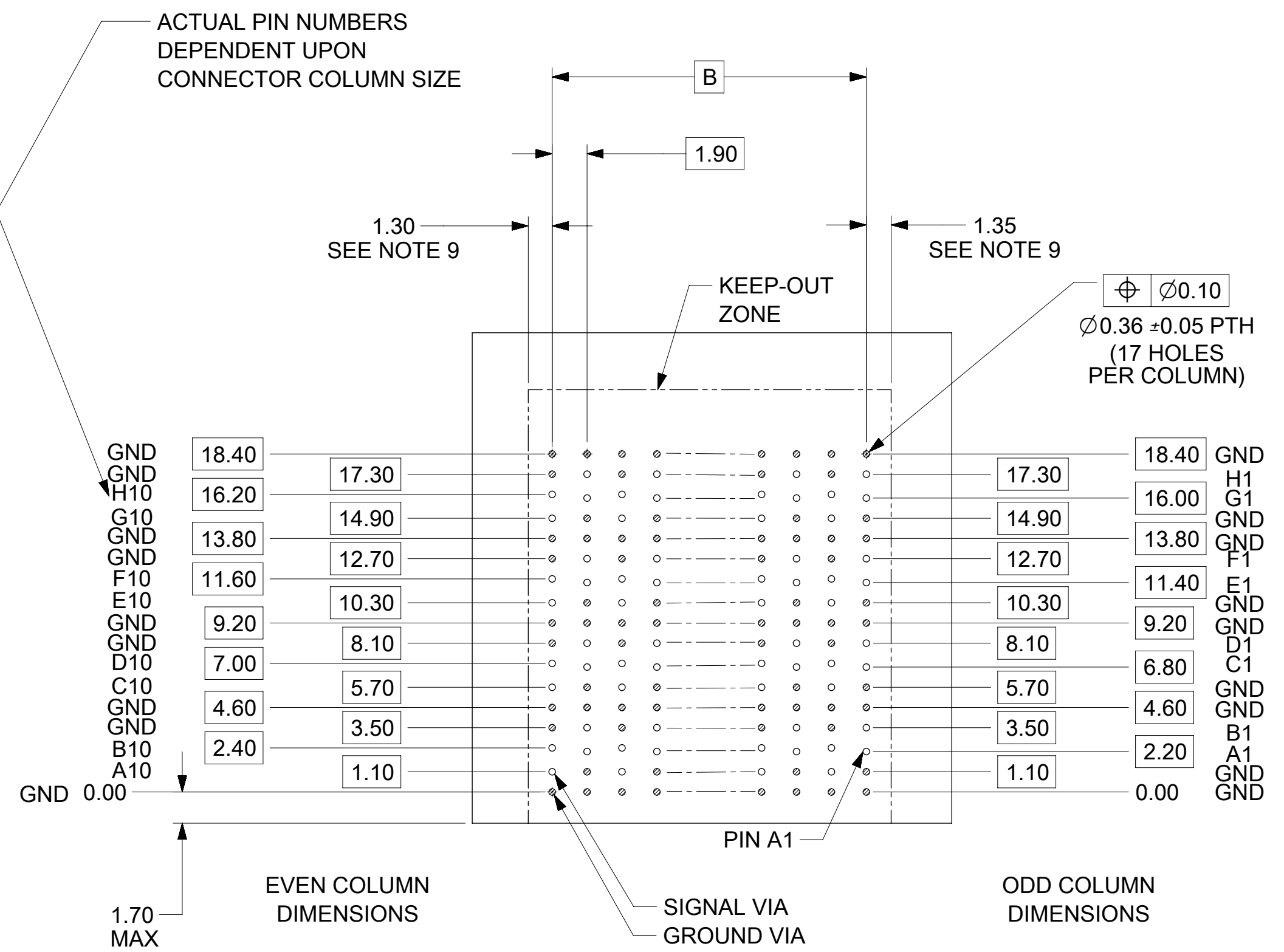
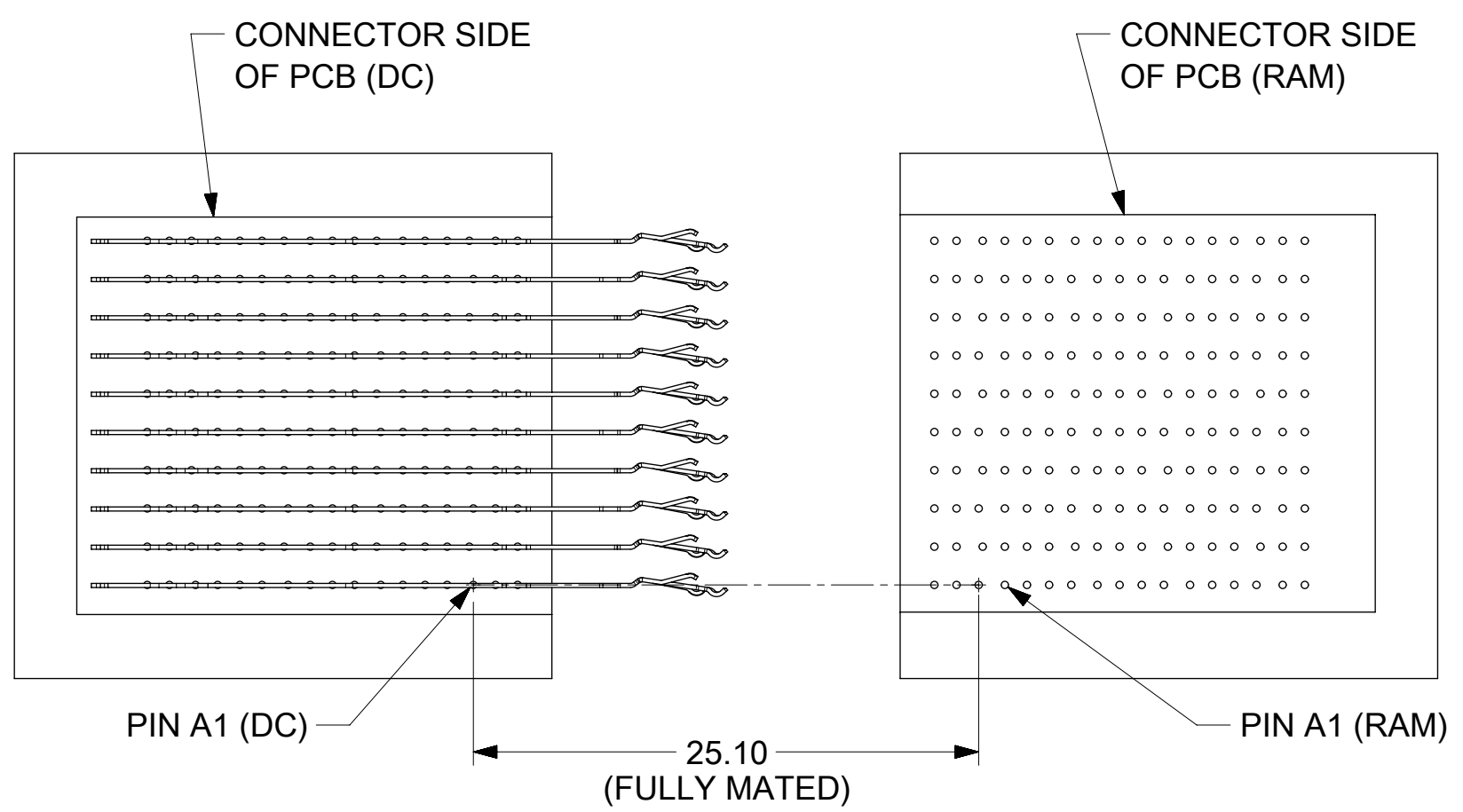
MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "P"
172140-1807	8	32	15.95 MAX	13.30	4.90
172140-1107	10	40	19.75 MAX	17.10	4.90
172140-1207	12	48	23.55 MAX	20.90	4.90
172140-1607	16	64	31.15 MAX	28.50	4.90
172140-1808	8	32	15.95 MAX	13.30	5.50
172140-1108	10	40	19.75 MAX	17.10	5.50
172140-1208	12	48	23.55 MAX	20.90	5.50
172140-1608	16	64	31.15 MAX	28.50	5.50

172140-1*0*

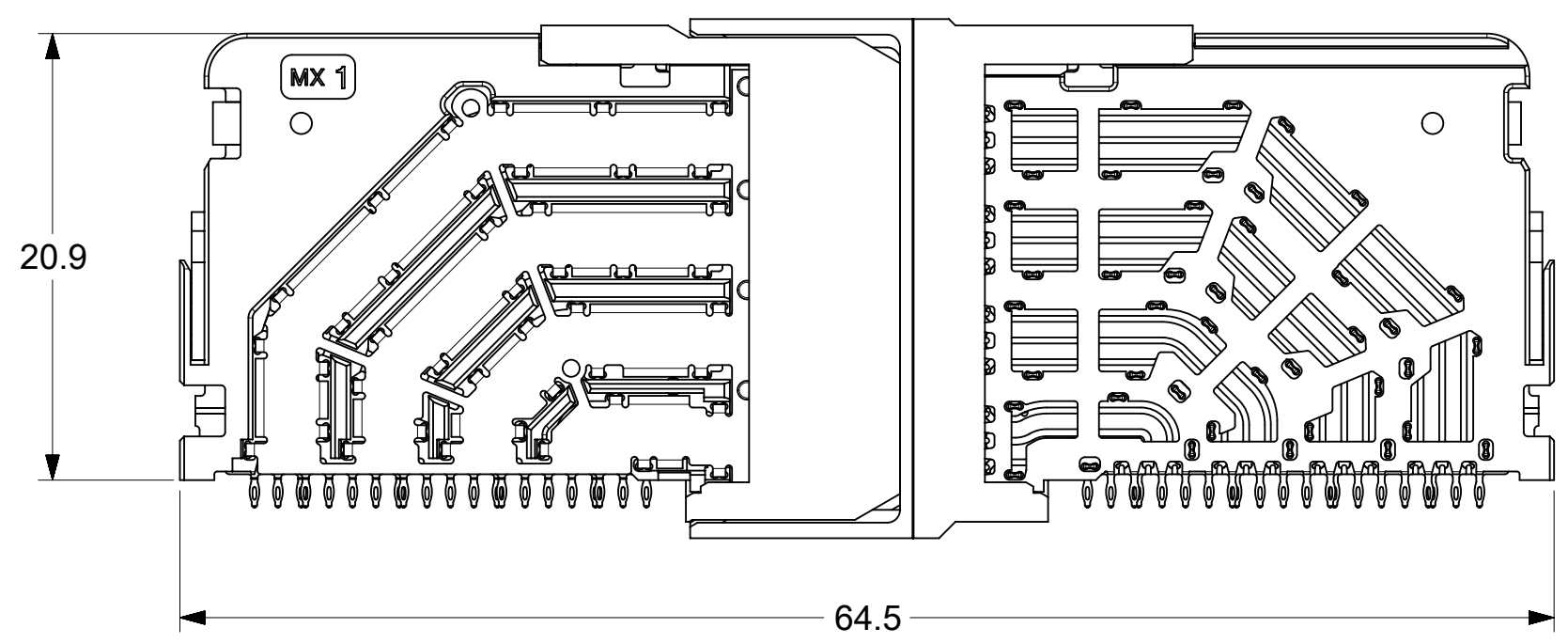
MODULE TYPE
1 = UNGUIDED

COLUMN SIZE
8 = 8 COLUMN
1 = 10 COLUMN
2 = 12 COLUMN
6 = 16 COLUMN

PIN LENGTH (P)
7 = 4.90mm
8 = 5.50mm



RAM HOLE PATTERN (CONNECTOR SIDE)



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MIGRATED TO NX EC NO: 169494 DRWN: YLLIM CHKD: CYLIW REV / APPR: DWLE01	2018/04/09	2018/04/11	2018/04/17	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	DIMENSION UNITS MM	SCALE 3:1	<p>IMPEL 4 PAIR RIGHT ANGLE MALE (RAM) UNGUIDED SALES DRAWING</p>	
	DRWN BY JLAURX	DATE 2014/02/07	CHKD BY TPREMO		DATE 2014/12/09	APPR BY JLAURX		DATE 2014/12/09
	PRODUCT CUSTOMER DRAWING				SERIES 172140	MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET
	DOCUMENT NUMBER SD-172140-0001		DOC TYPE PSD		DOC PART 001	SHEET NUMBER 2 OF 2		