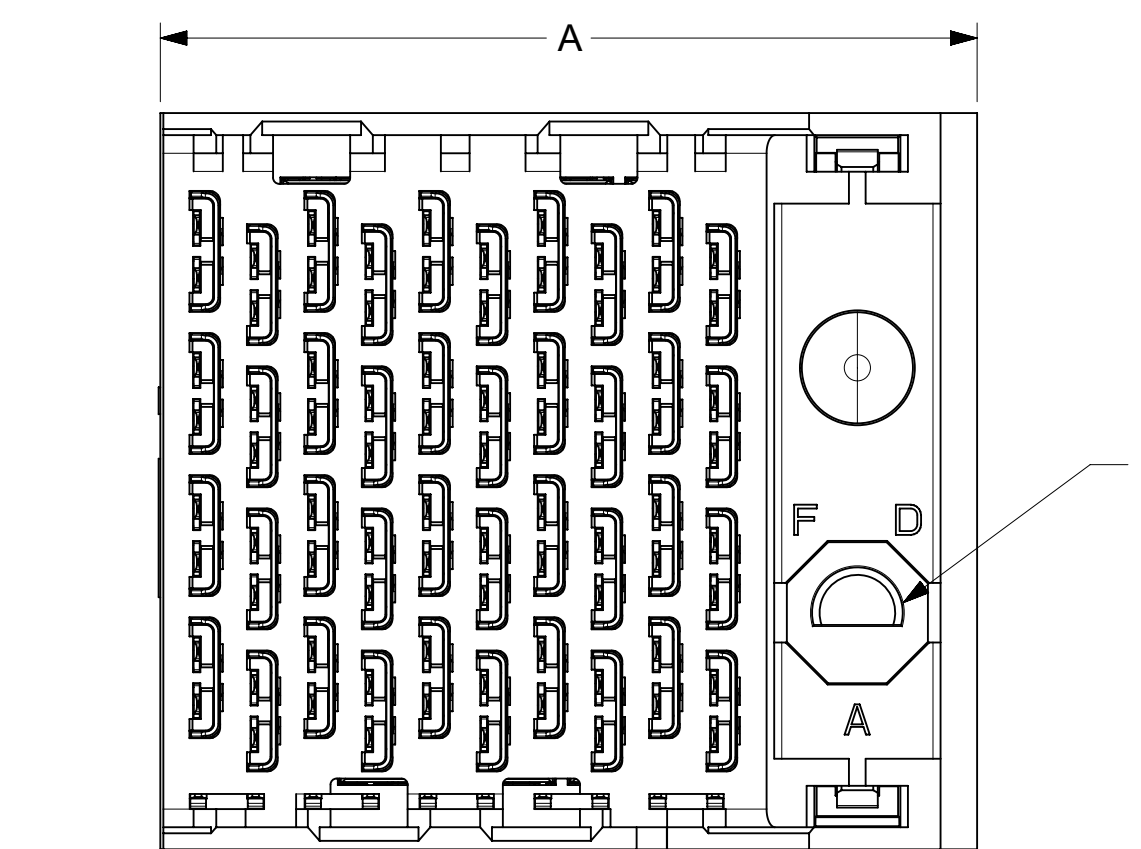
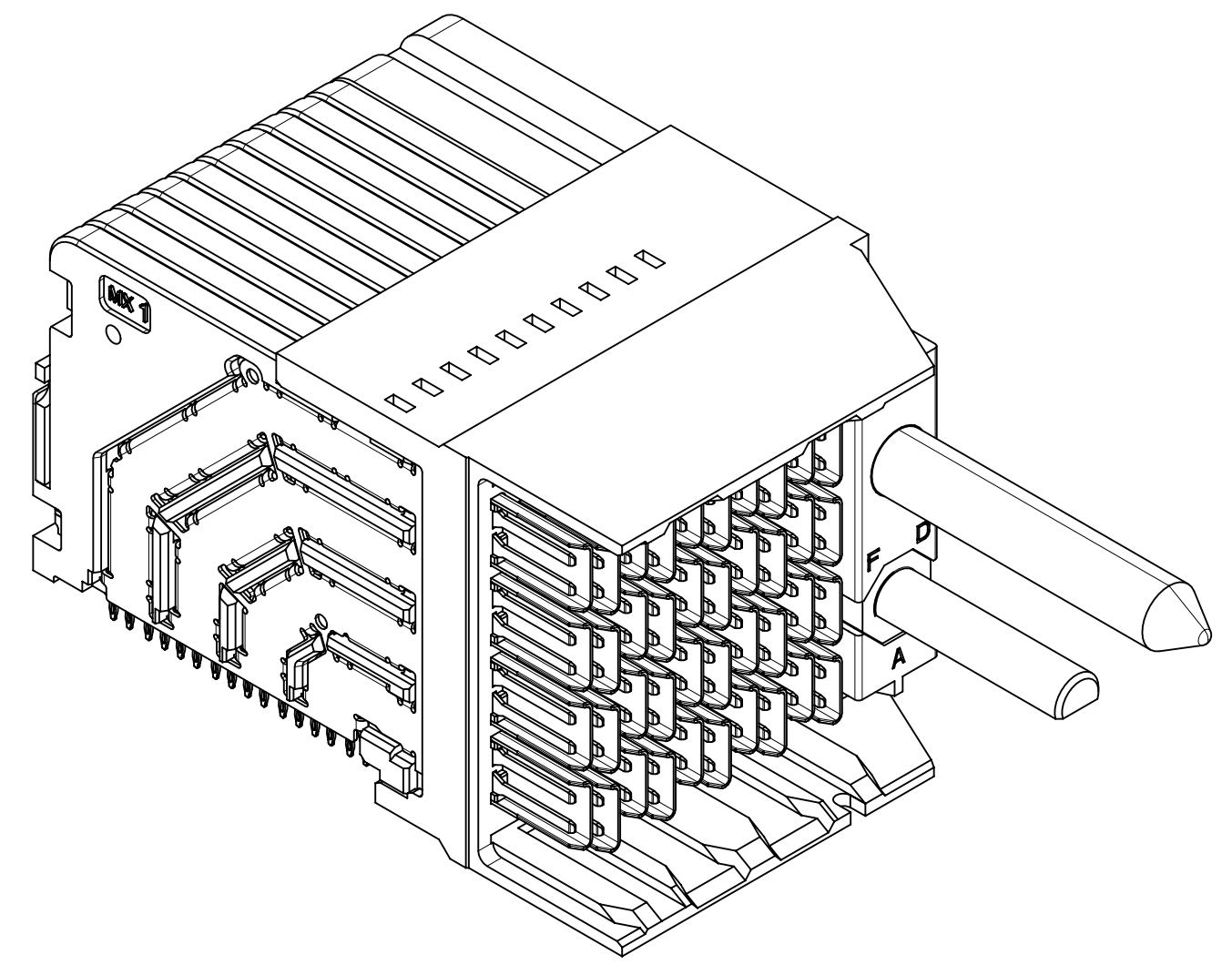


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 2. FINISH: 30uIN GOLD IN CONTACT AREA.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
 4. 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 (LEFT GUIDED).
 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.
 10. CONNECTOR IS SUPPLIED WITH ONE 2-32 THREAD FORMING SCREW. REFER TO SHEET 2 FOR SCREW P/N.
 11. COMPONENT PLACEMENT AND TRACE KEEP OUT ZONE; DO NOT PLACE ANY OTHER COMPONENT OR ROUTE ANY TOP LAYER TRACES IN THIS AREA.

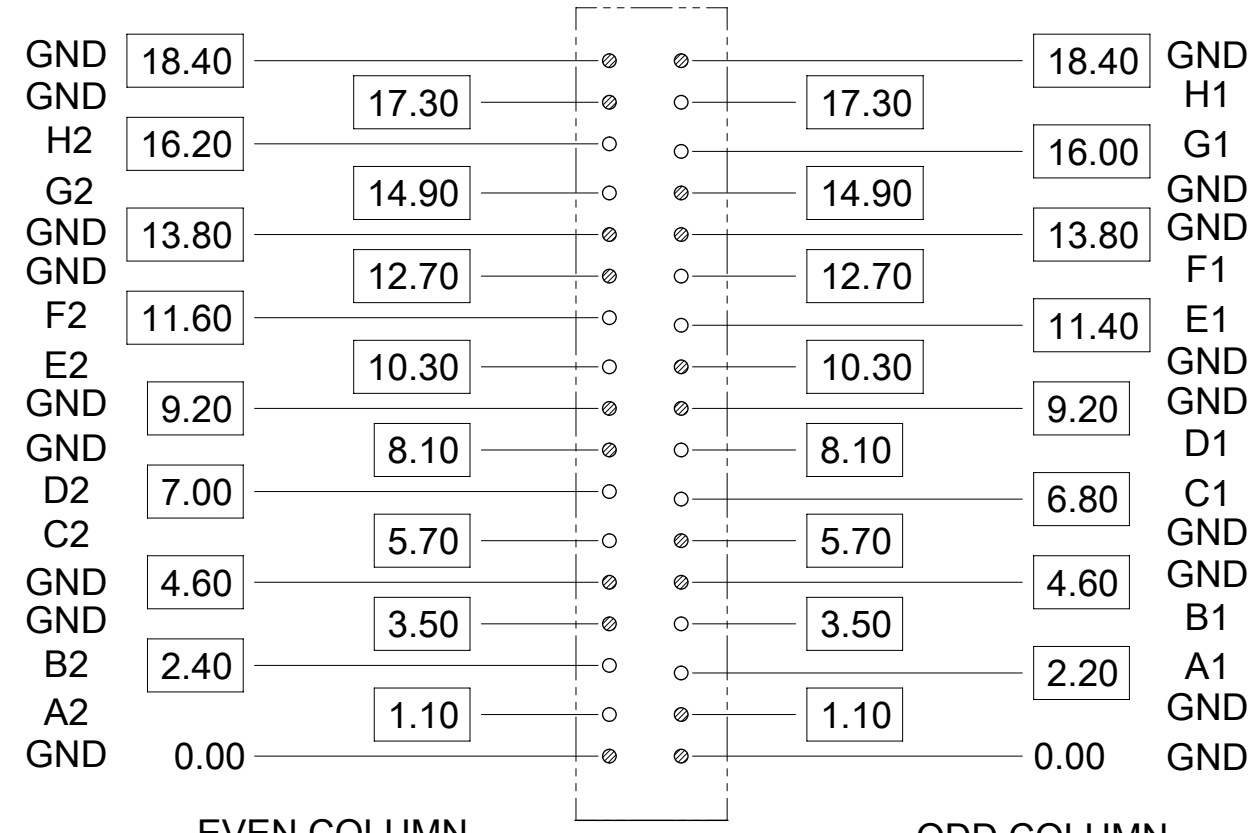


KEY SHOWN IN POSITION "A"

THIS DESIGN IS BASED ON DESIGN OBJECTIVES AND IS STRICTLY TENTATIVE. IT MAY CHANGE BASED ON RESULTS OF ADDITIONAL DESIGN REVIEWS & VERIFICATIONS.

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: ADD 73726-0000 LONGER SCREW OPTION							
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 642858							
ANGULAR TOL ± 0.5°				4 PLACES ±		DRWN: YLLIM		2020/07/15		RIGHT ANGLE MALE (RAM) GUIDE RIGHT SALES DWG	
				3 PLACES ±		CHK'D: MMALLIGEVALU		2020/08/05		PRODUCT CUSTOMER DRAWING	
				2 PLACES ± 0.13		APPR: DWLEE01		2020/08/16		DOCUMENT NUMBER	
				1 PLACE ± 0.25		INITIAL REVISION:		2014/02/07		DOC TYPE DOC PART REVISION	
				0 PLACES ±		DRWN: JLAURX		2014/02/07		SD-172140-0002 PSD 001 A3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
						C-SIZE		172140		SEE TABLE GENERAL MARKET 1 OF 2	

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "P"	SUPPLIED SCREW P/N
172140-38*7	8	32	23.55 MAX	13.30	4.90	73726-0005
172140-31*7	10	40	27.35 MAX	17.10	4.90	
172140-32*7	12	48	31.15 MAX	20.90	4.90	
172140-36*7	16	64	38.75 MAX	28.50	4.90	
172140-38*8	8	32	23.55 MAX	13.30	5.50	
172140-31*8	10	40	27.35 MAX	17.10	5.50	
172140-32*8	12	48	31.15 MAX	20.90	5.50	
172140-36*8	16	64	38.75 MAX	28.50	5.50	
172140-38*1	8	32	23.55 MAX	13.30	4.90	73726-0000
172140-31*1	10	40	27.35 MAX	17.10	4.90	
172140-32*1	12	48	31.15 MAX	20.90	4.90	
172140-36*1	16	64	38.75 MAX	28.50	4.90	
172140-38*2	8	32	23.55 MAX	13.30	5.50	
172140-31*2	10	40	27.35 MAX	17.10	5.50	
172140-32*2	12	48	31.15 MAX	20.90	5.50	
172140-36*2	16	64	38.75 MAX	28.50	5.50	



172140-3***

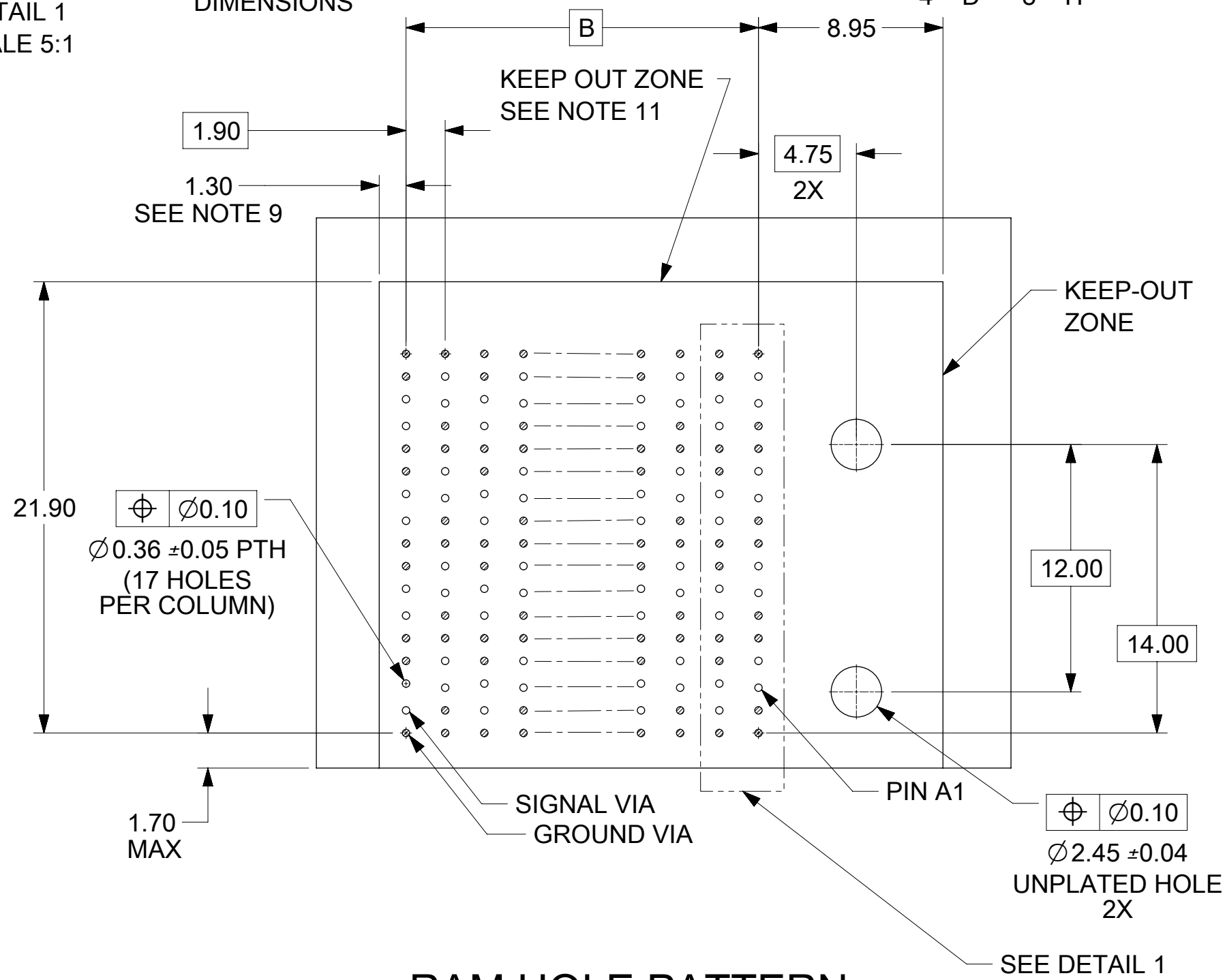
MODULE TYPE
3 = GUIDE RIGHT

PIN LENGTH (P), (SCREW TYPE)
 1 = 4.90mm (73726-0000)
 2 = 5.50mm (73726-0000)
 7 = 4.90mm (73726-0005)
 8 = 5.50mm (73726-0005)

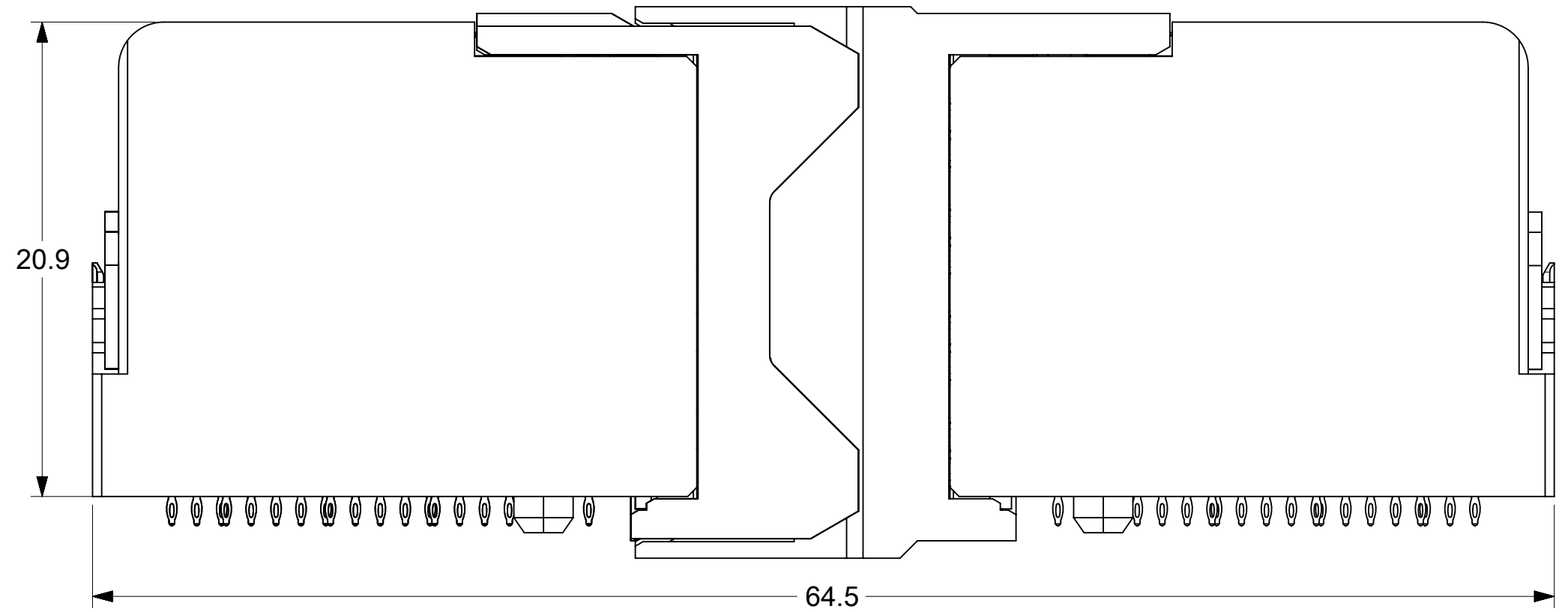
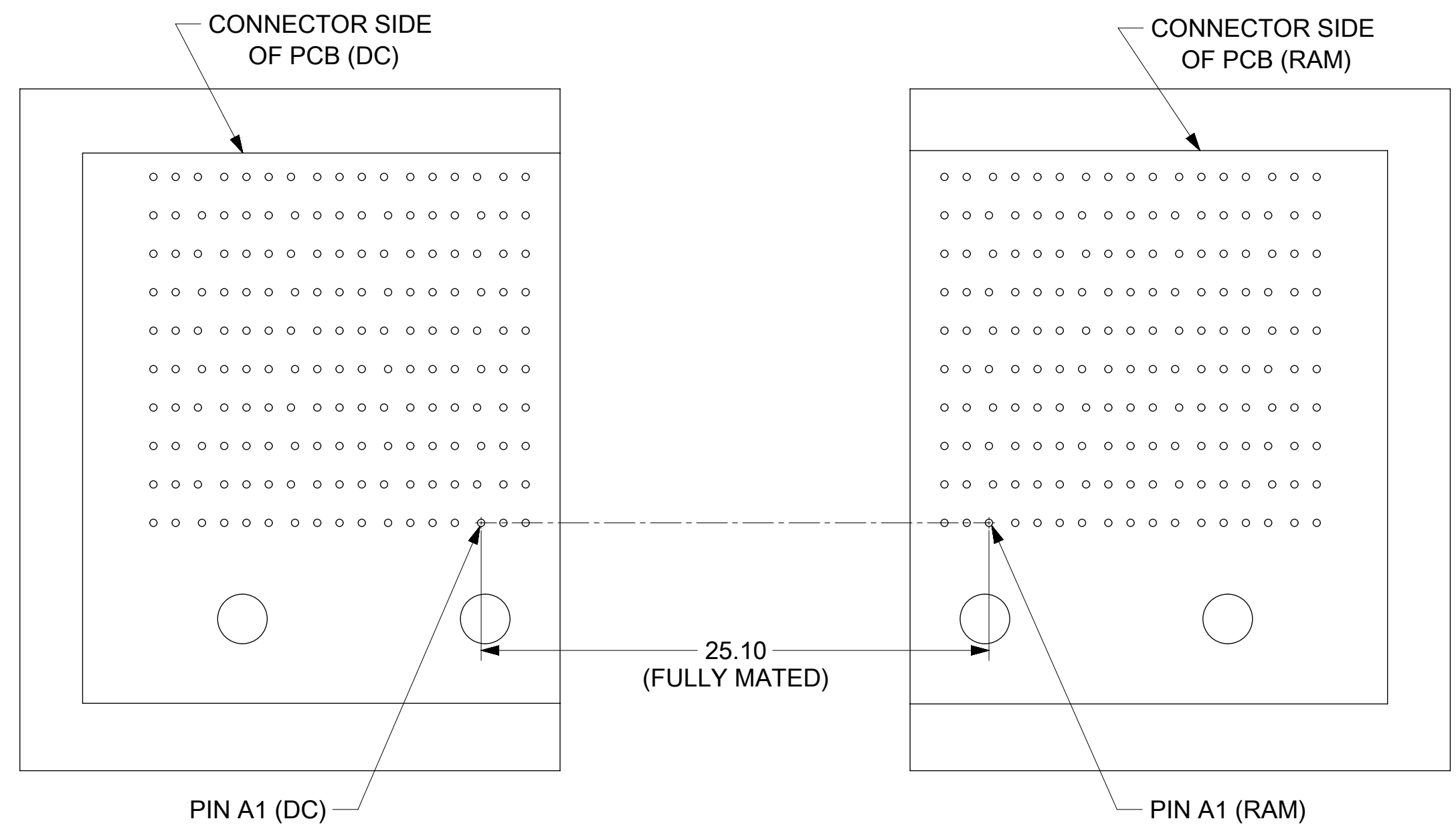
COLUMN SIZE
 8 = 8 COLUMN
 1 = 10 COLUMN
 2 = 12 COLUMN
 6 = 16 COLUMN

KEY ORIENTATION
 0 = NO KEY
 1 = A 5 = E
 2 = B 6 = F
 3 = C 7 = G
 4 = D 8 = H

DETAIL 1
SCALE 5:1



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: ADD 73726-0000 LONGER SCREW OPTION									
GENERAL TOLERANCES (UNLESS SPECIFIED)				<p>IMPEL 4 PAIR RIGHT ANGLE MALE (RAM) GUIDE RIGHT SALES DWG</p> <p>PRODUCT CUSTOMER DRAWING</p>									
ANGULAR TOL		± 0.5°								EC NO: 642858		2020/07/15	
4 PLACES		±								DRWN: YLLIM		2020/08/05	
3 PLACES		±								CHK'D: MMALLIGEVALU		2020/08/16	
2 PLACES		± 0.13								APPR: DWLEE01			
1 PLACE		± 0.25								INITIAL REVISION:			
0 PLACES		±		DRWN: JLAURX		2014/02/07							
				APPR: JLAURX		2014/02/07							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING: C-SIZE		SERIES: 172140					
DOCUMENT STATUS: P1		RELEASE DATE: 2020/08/16 00:10:20		DOCUMENT NUMBER: SD-172140-0002		DOC TYPE: PSD		DOC PART: 001					
				MATERIAL NUMBER: SEE TABLE		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 2 OF 2					