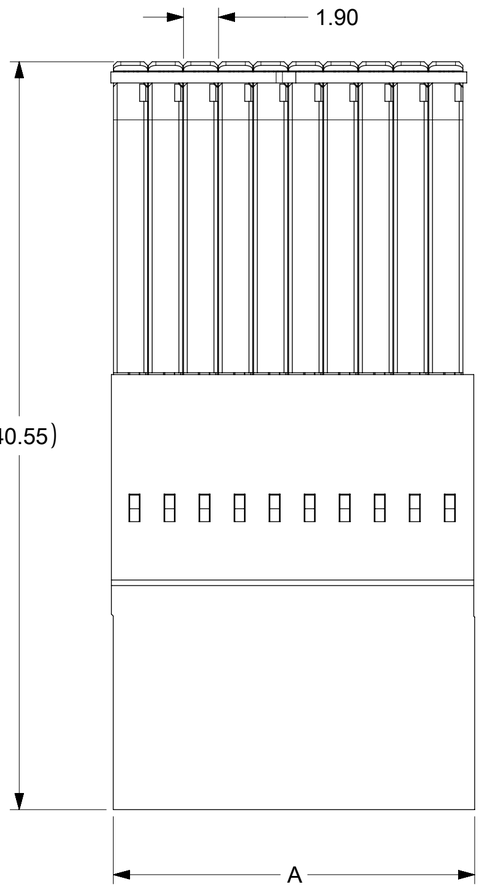
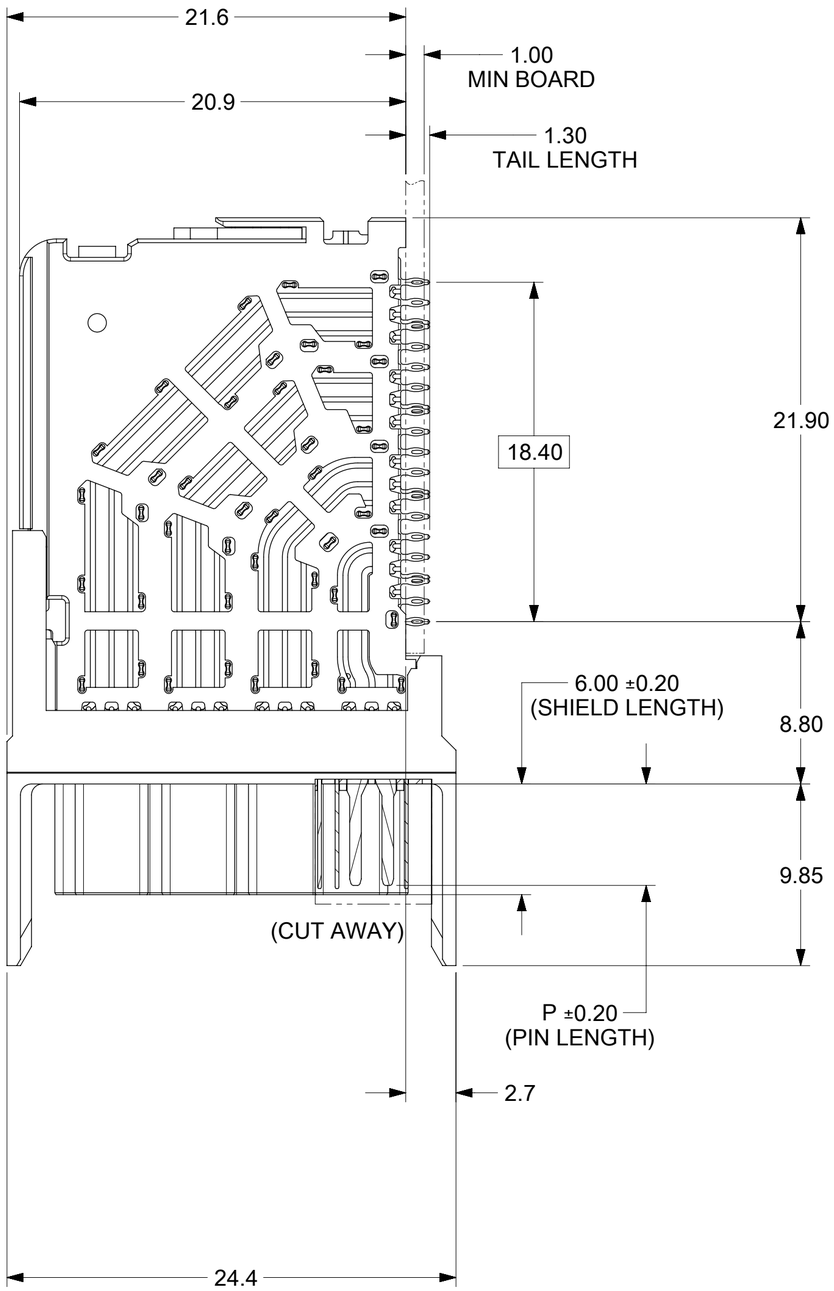
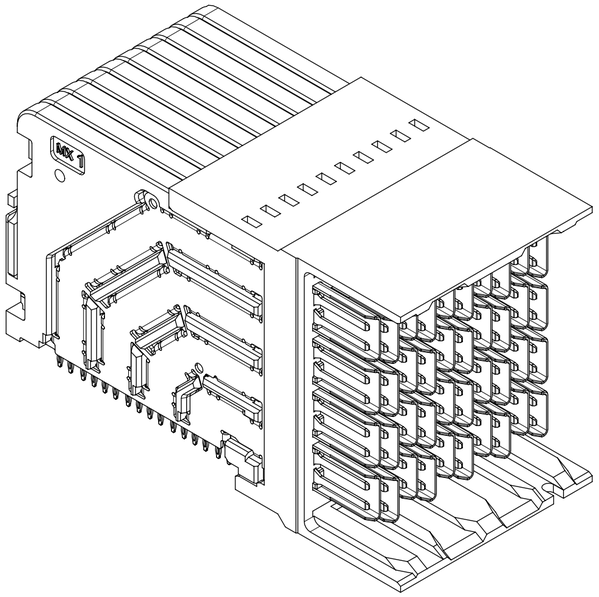
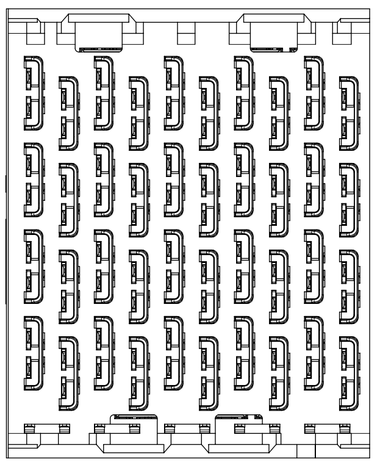








NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
   GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30uIN GOLD IN CONTACT AREA.
   SELECTIVE TIN ON PCB TAILS.
   NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
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

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: UPDATE PCB VIEW

EC NO: 694446
DRWN: YLLIM 2018/09/10
CHK'D: YLLIM 2022/02/03
APPR: DWLEE01 2022/02/07

INITIAL REVISION:
DRWN: JLAURX 2014/02/07
APPR: JLAURX 2014/02/07

molex

IMPEL 4 PAIR
RIGHT ANGLE MALE (RAM) UNGUIDED SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172140-0001	PSD	001	A4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172140	SEE TABLE	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/07 08:06:53

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

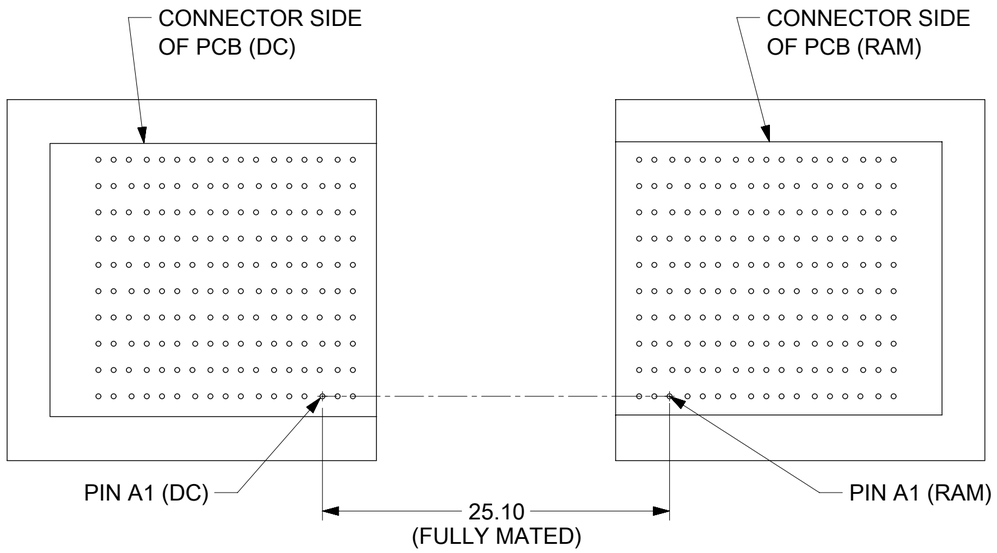
MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "P"
172140-1807	8	32	15.95 MAX	13.30	4.90
172140-1107	10	40	19.75 MAX	17.10	4.90
172140-1207	12	48	23.55 MAX	20.90	4.90
172140-1607	16	64	31.15 MAX	28.50	4.90
172140-1808	8	32	15.95 MAX	13.30	5.50
172140-1108	10	40	19.75 MAX	17.10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

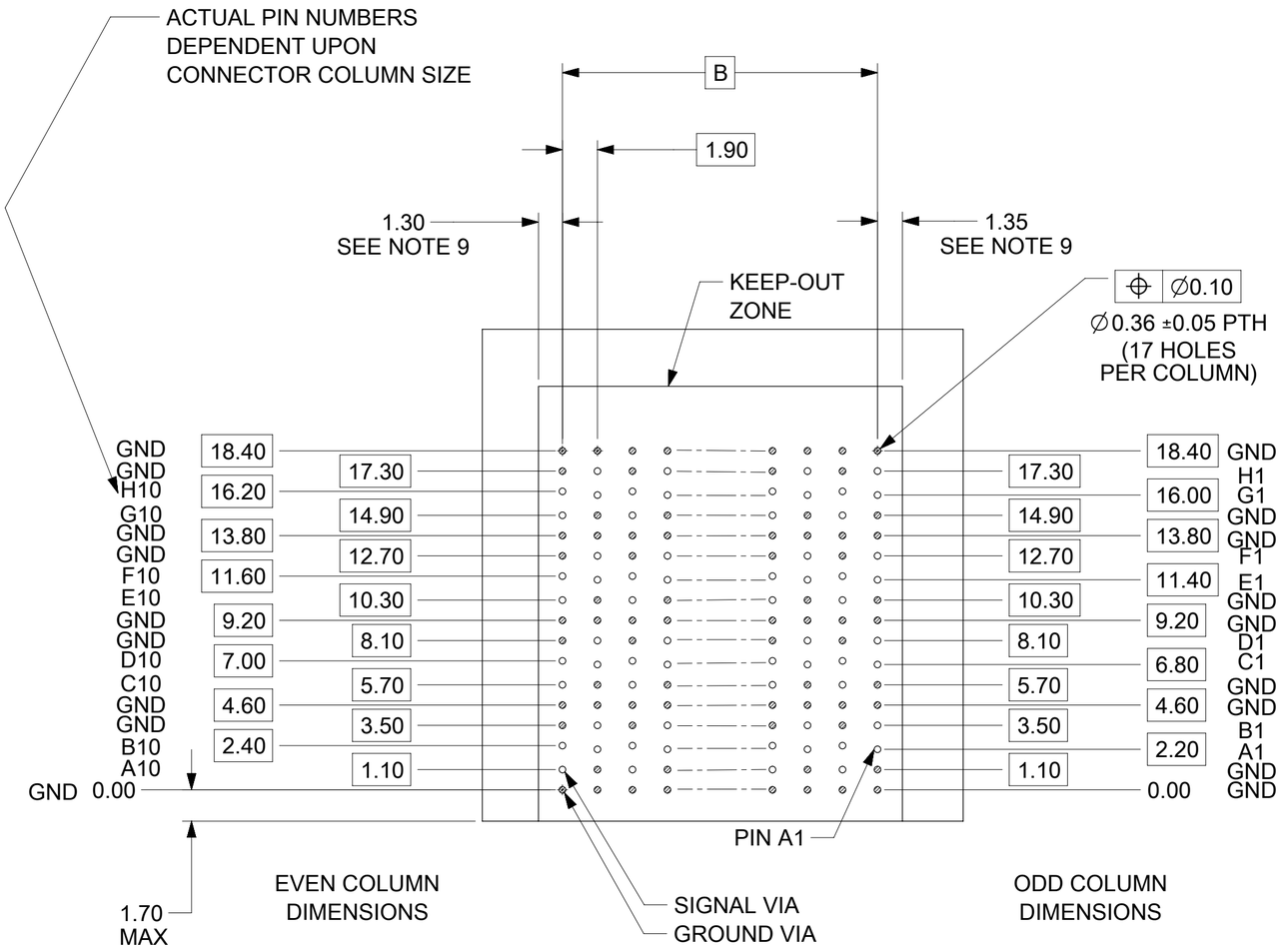
172140-1*0*

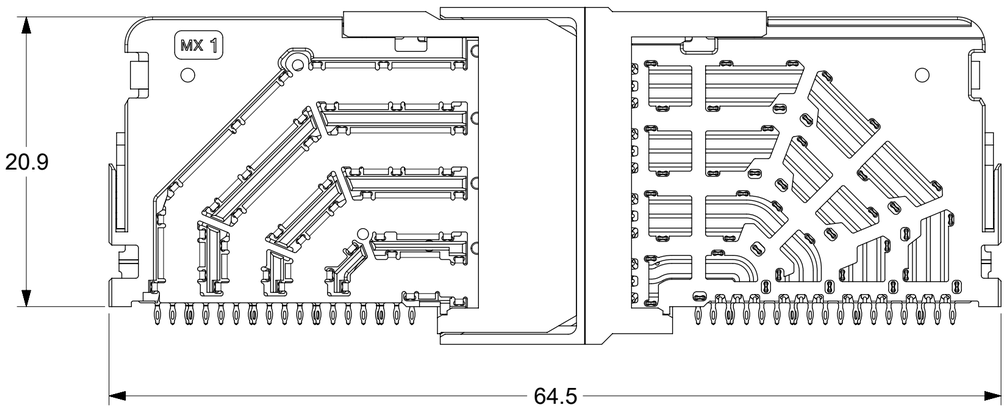
MODULE TYPE
1 = UNGUIDED

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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DIMENSION UNITS	mm
SCALE	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: UPDATE PCB VIEW

EC NO: 694446
DRWN: YLLIM 2018/09/10
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molex

IMPEL 4 PAIR
RIGHT ANGLE MALE (RAM) UNGUIDED SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172140-0001	PSD	001	A4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172140	SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/07 08:06:53

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01