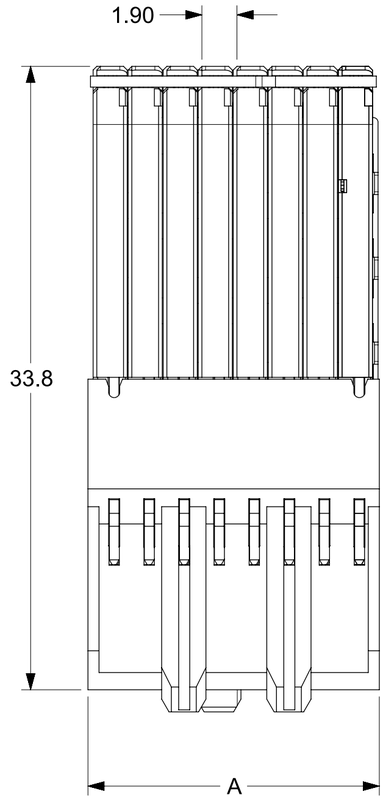
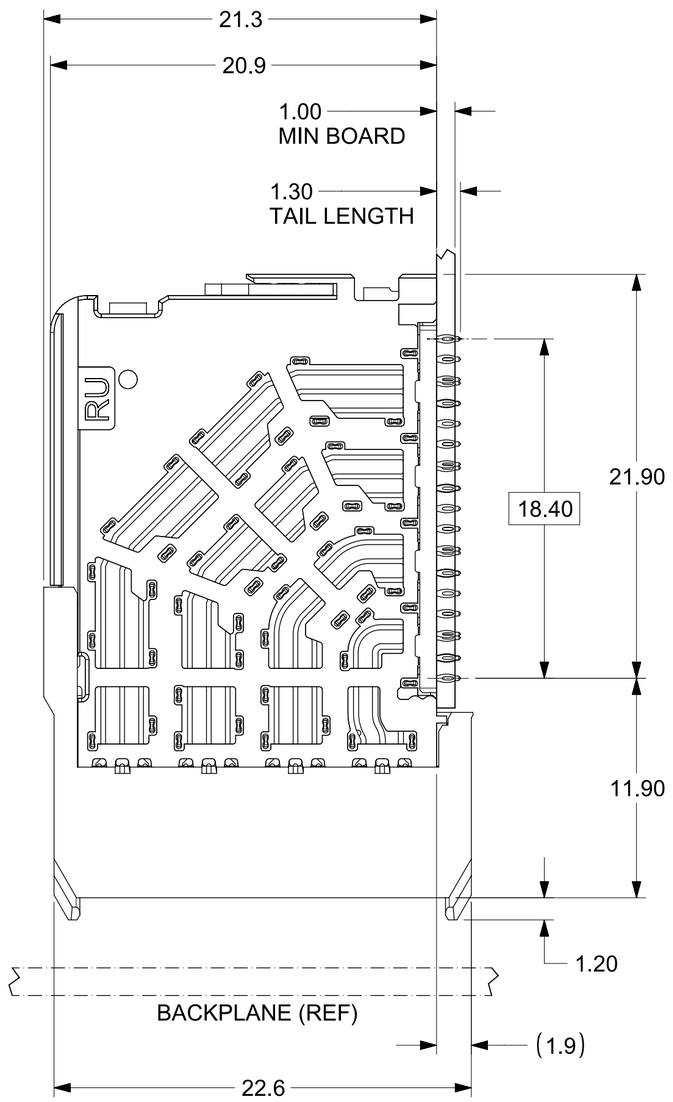
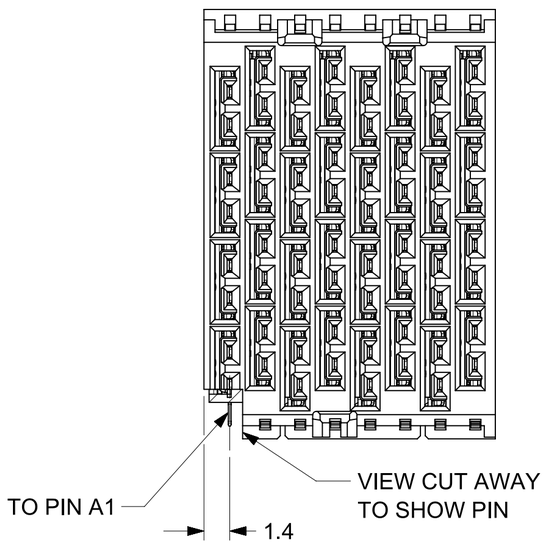
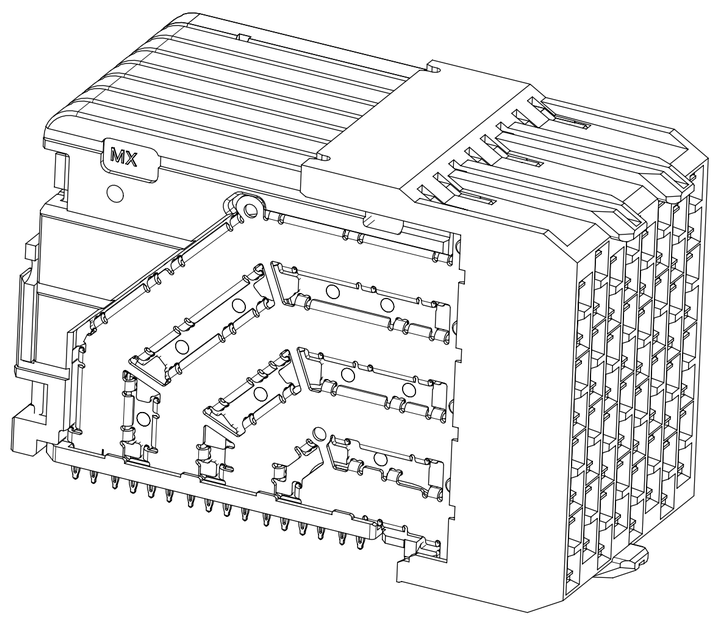








NOTES:

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-172740-999 FOR PERFORMANCE SPECIFICATIONS.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
5. PRODUCT WILL BE PACKAGED PER PK-78888-085.
6. SEE SHEET 2 FOR HOLE PATTERN DIMENSIONS.
7. MATES WITH IMPEL BP SERIES NUMBER 171315.
8. REFER TO IMPEL PCB ROUTING GUIDE AS-172730-990 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. COMPONENT PLACEMENT AND TRACE KEEP OUT ZONE; DO NOT PLACE ANY OTHER COMPONENT OR ROUTE ANY TOP LAYER TRACES IN THIS AREA.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
MM	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED THE TENTATIVE WATERMARK IN SHEET 1

STATUS: Production
DRWN: darryl silva 2026-04-29
CHK'D: Yogeesh BC 2026-04-30
APPR: Chetan CV 2026-04-30

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 204066

molex

IMPEL PLUS 4P 1.9MM PITCH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2040661001-SD	PSD	000	A8

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

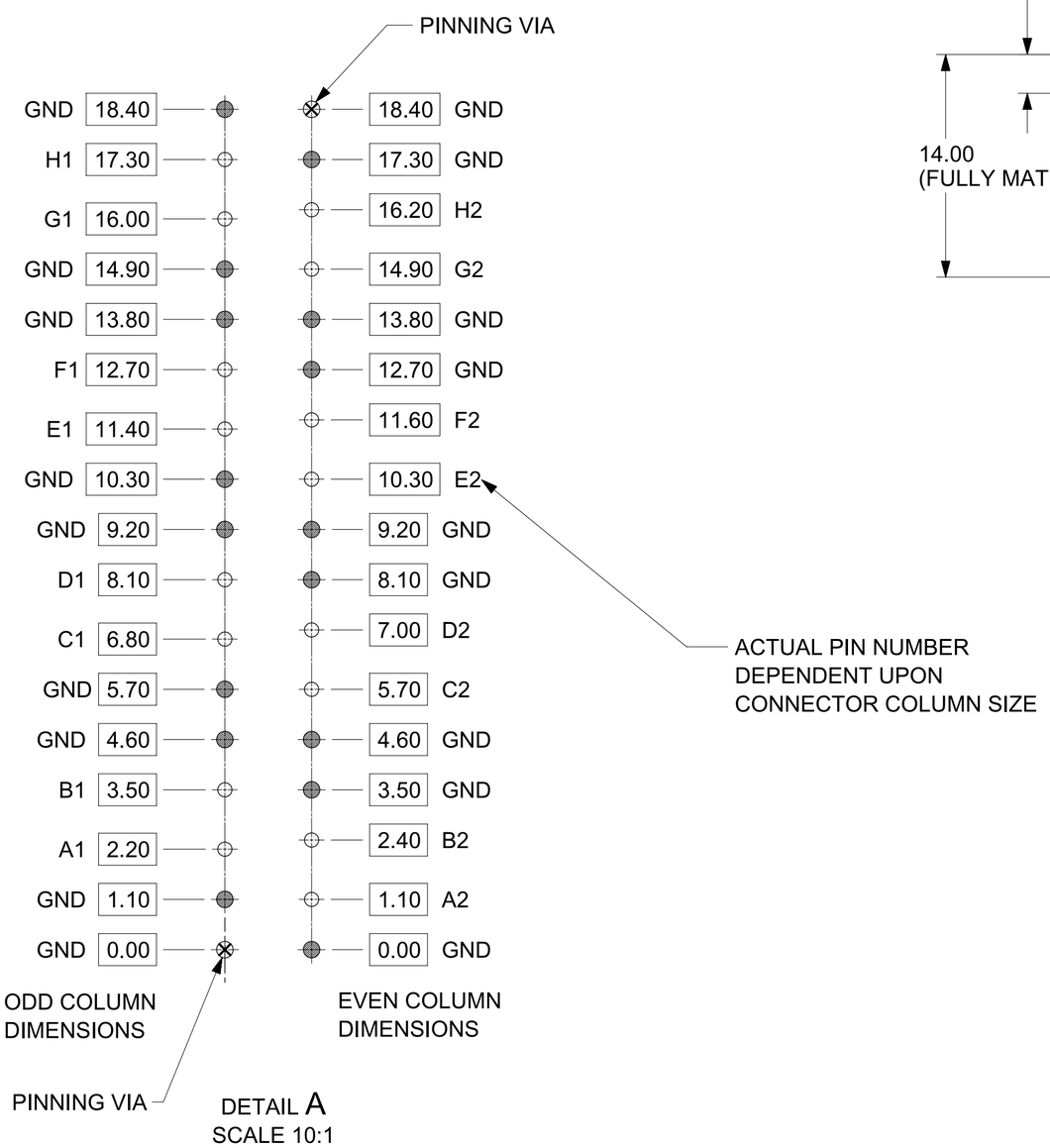
FORMAT: TC-tb-prod-C
REVISION: B
DATE: 2022/08/01

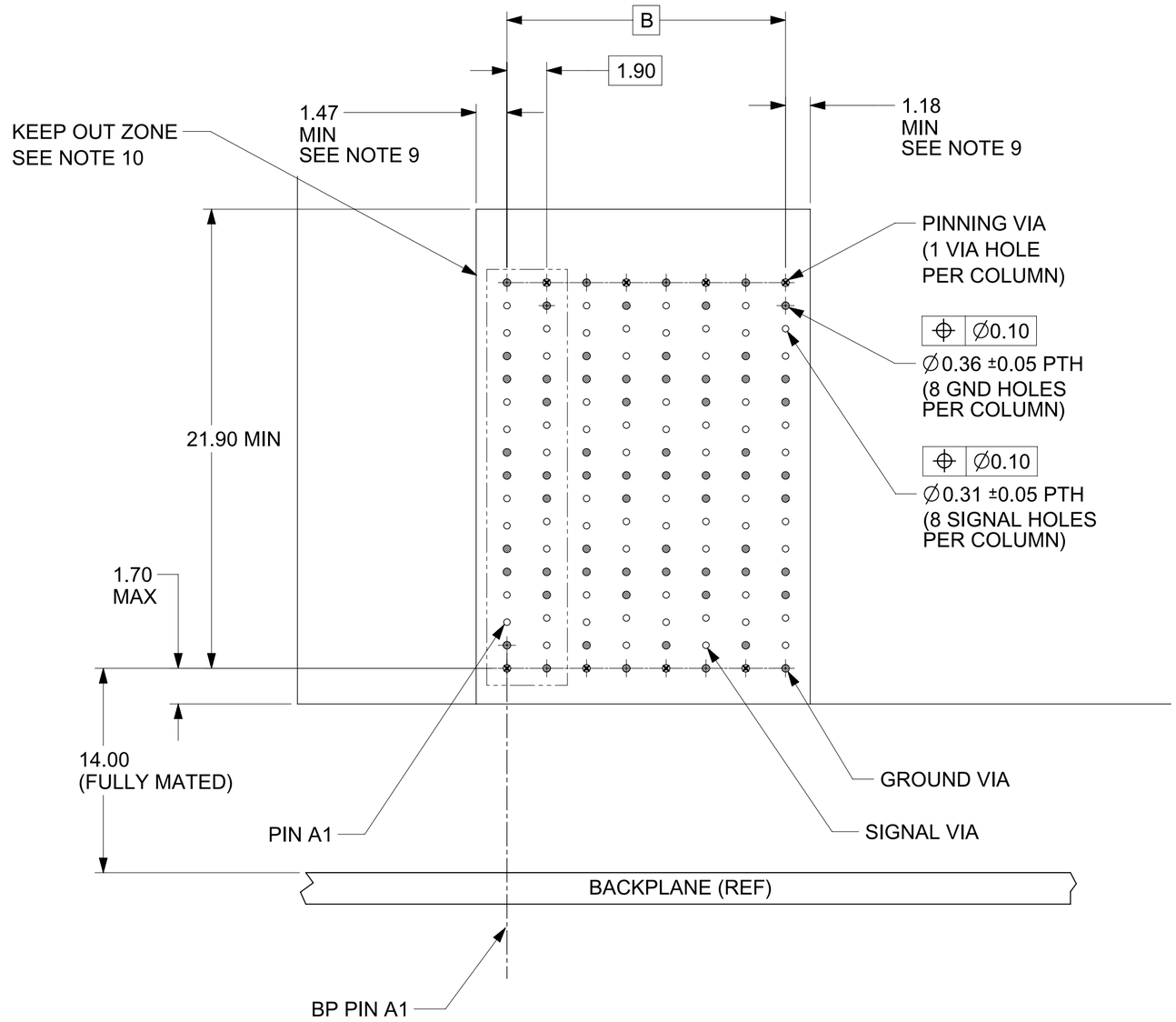
MATERIAL	NUMBER OF COLUMNS	NUMBER OF DIFF PAIRS	DIM "A"	DIM "B"
204066-1136	6	24	12.15 MAX	9.50
204066-1138	8	32	15.95 MAX	13.30
204066-1120	10	40	19.75 MAX	17.10
204066-1122	12	48	23.55 MAX	20.90
204066-1124	14	56	27.35 MAX	24.70
204066-1126	16	64	31.15 MAX	28.50
204066-1128	18	72	34.95 MAX	32.30

204066-11**

MODULE TYPE
1= UNGUIDED

COLUMN SIZE
20=10 COLUMN
22=12 COLUMN
24=14 COLUMN
26=16 COLUMN
28=18 COLUMN
38= 8 COLUMN
36= 6 COLUMN





DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DIVISIONAL SYMBOLS	DIMENSION UNITS: MM; SCALE: NTS	CURRENT REV DESC: REMOVED THE TENTATIVE WATERMARK IN SHEET 1	molex		
	GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 0.5°; 4 PLACES ±; 3 PLACES ±; 2 PLACES ± 0.130; 1 PLACE ± 0.25; 0 PLACES ±		IMPEL PLUS 4P 1.9MM PITCH		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	STATUS: Production DRWN: darryl silva 2026-04-29 CHK'D: Yogeesh BC 2026-04-30 APPR: Chetan CV 2026-04-30	PRODUCT CUSTOMER DRAWING		
		THIRD ANGLE PROJECTION; DRAWING: C-SIZE; SERIES: 204066	DOCUMENT NUMBER: 2040661001-SD; DOC TYPE: PSD; DOC PART: 000; REVISION: A8		
			MATERIAL NUMBER: SEE TABLE	CUSTOMER: GENERAL MARKET	SHEET NUMBER: 2 OF 2

FORMAT: TC-tb-prod-C
REVISION: B
DATE: 2022/08/01