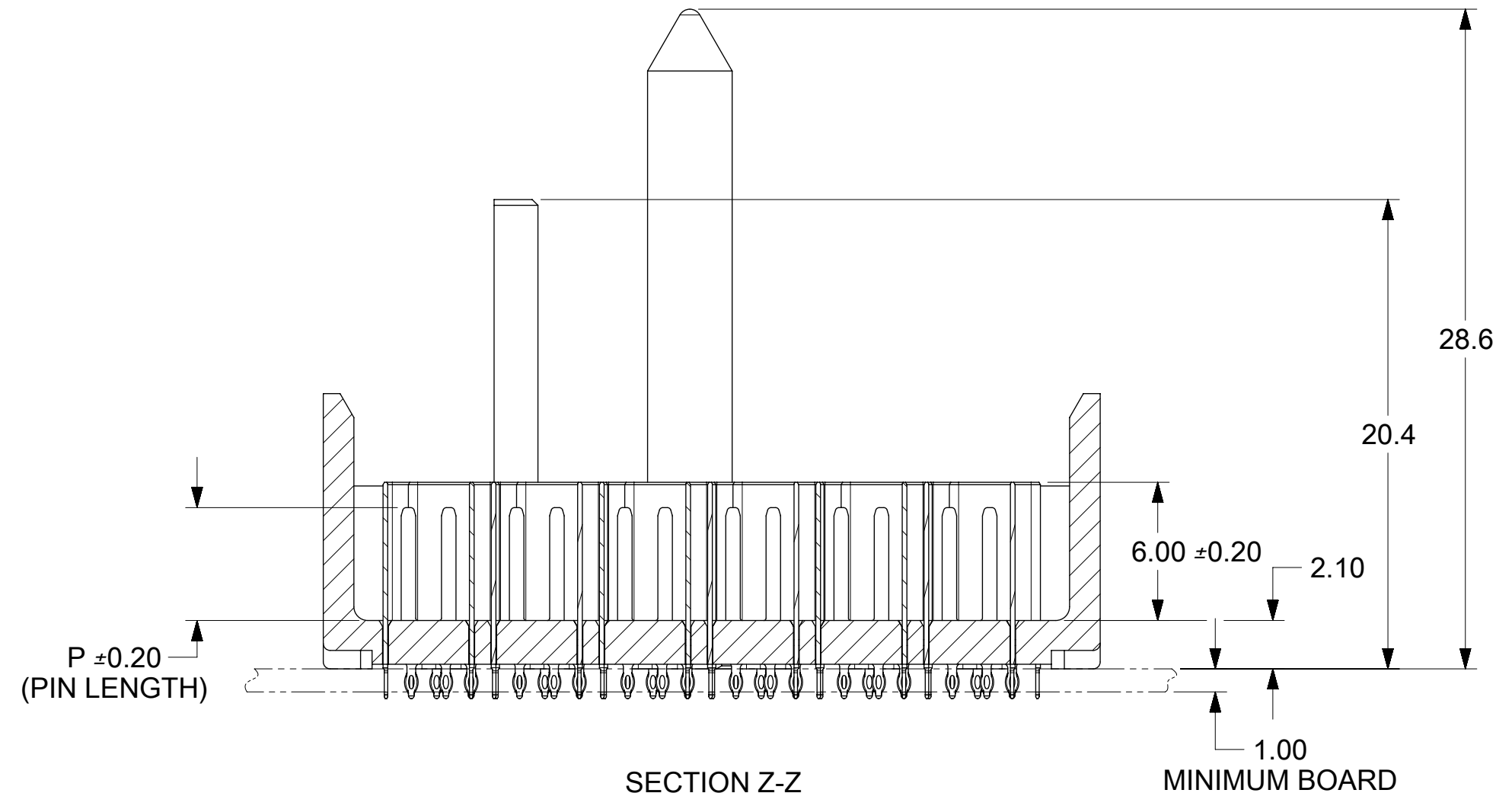
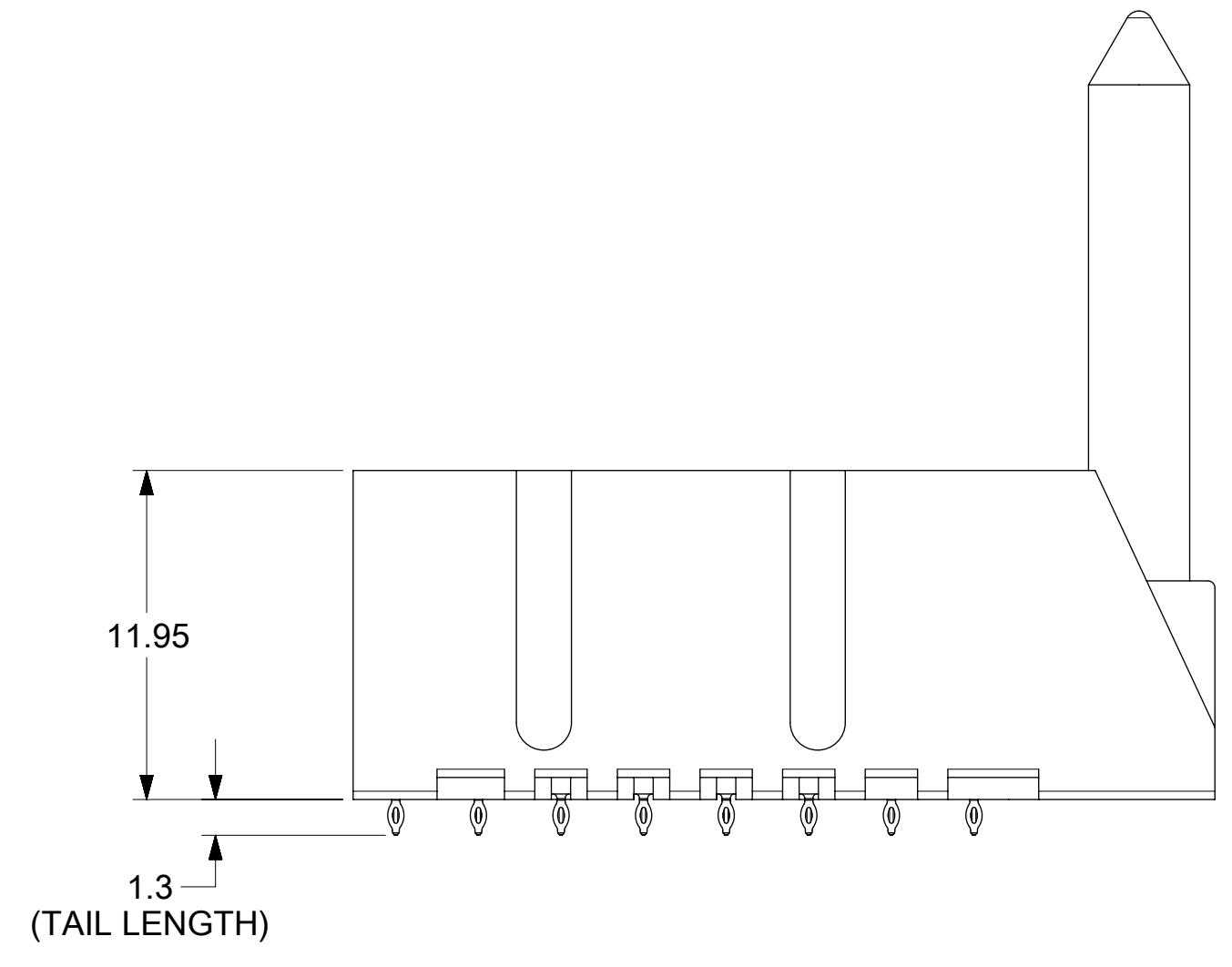


- NOTES:
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 - FINISH: 30uIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 - REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 - PRODUCT WILL BE PACKAGED PER PK-78888-087.
 - SEE SHEETS 2, 3, AND 4 FOR HOLE PATTERN AND MATED PART DIMENSIONS.
 - MATES WITH IMPEL DC SERIES NUMBER 171760.
 - REFER TO IMPEL PCB ROUTING GUIDE AS-171320-990 FOR ANTIPAD, ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB INFORMATION.
 - THE KEEP-OUT ZONE FOR THE BP HOUSING LENGTH INCLUDES THE NECESSARY SPACE REQUIRED FOR THE MATING DAUGHTERCARD HOUSING.
 - PART IS SUPPLIED WITH ONE 2-56 UNC-2A SCREW (MOLEX P/N 73774-1000).



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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: MIGRATED TO NX						molex					
MM		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177650				IMPEL 6 PAIR BACKPLANE 3MM PITCH ASSEMBLY GUIDE RIGHTSALSALES DRAWING							
ANGULAR TOL ± 0.5°				DRWN: ABN 2018/06/19											
4 PLACES ±				CHK'D: ABN 2018/06/19				PRODUCT CUSTOMER DRAWING							
3 PLACES ±				APPR: DWLEE01 2018/06/25											
2 PLACES ± 0.13				INITIAL REVISION:				DOCUMENT NUMBER							
1 PLACE ± 0.25				DRWN: BIANOWIAK 2013/03/25											
0 PLACES ±				APPR: JLAURX 2014/03/24				SD-171755-0004		DOC TYPE		DOC PART			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		171755		SEE CHART		GENERAL MARKET		1 OF 4	

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH \varnothing
171755-58*4	8	48	31.30	21.00	1.10	4.90	0.46±0.05
171755-58*5	8	48	31.30	21.00	1.10	5.50	0.46±0.05
171755-58*7	8	48	31.30	21.00	1.20	4.90	0.36±0.05
171755-58*4	8	48	31.30	21.00	1.20	5.50	0.36±0.05
171755-52*4	12	72	43.00	33.00	1.10	4.90	0.46±0.05
171755-52*5	12	72	43.00	33.00	1.10	5.50	0.46±0.05
171755-52*7	12	72	43.00	33.00	1.20	4.90	0.36±0.05
171755-52*4	12	72	43.00	33.00	1.20	5.50	0.36±0.05

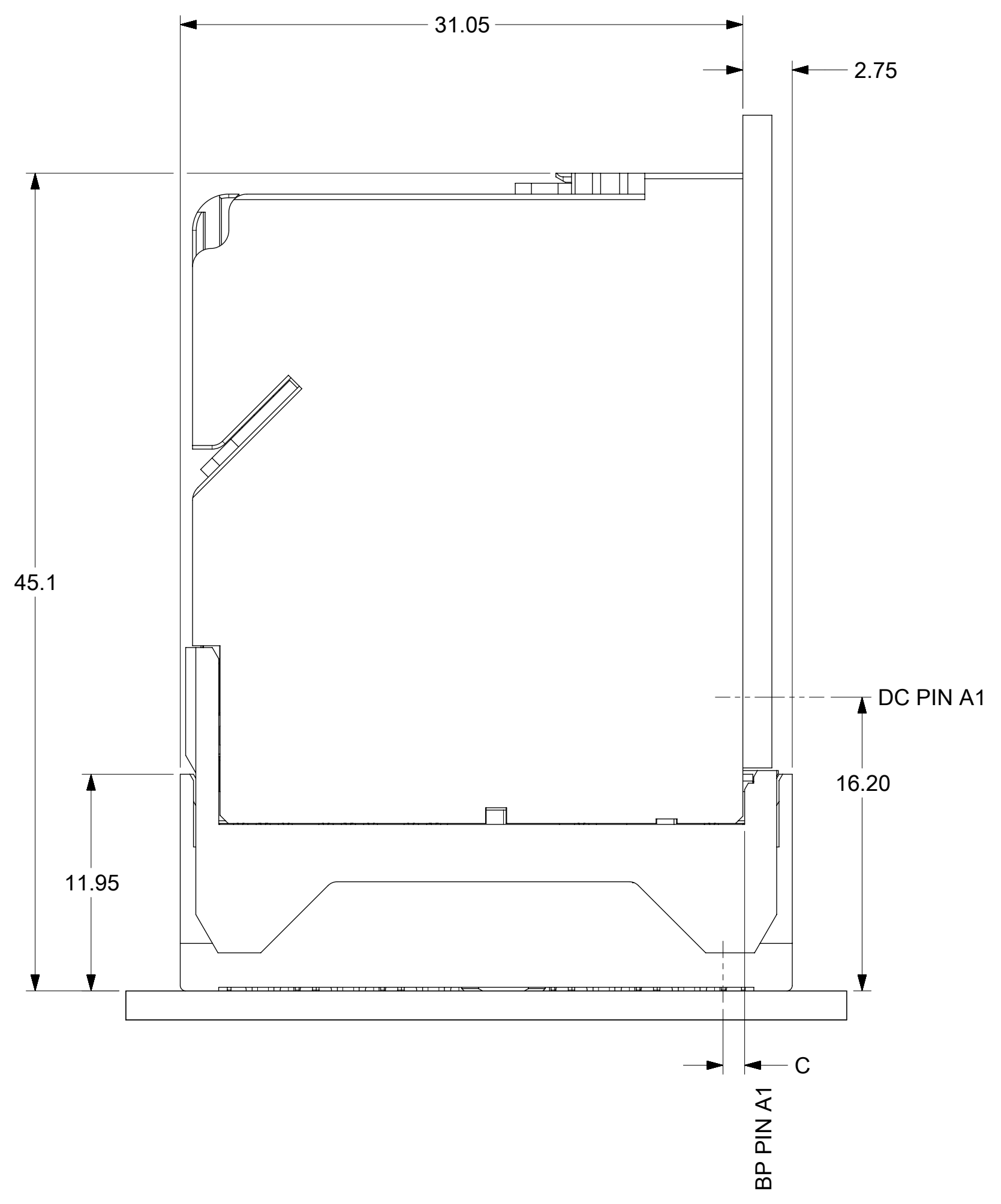
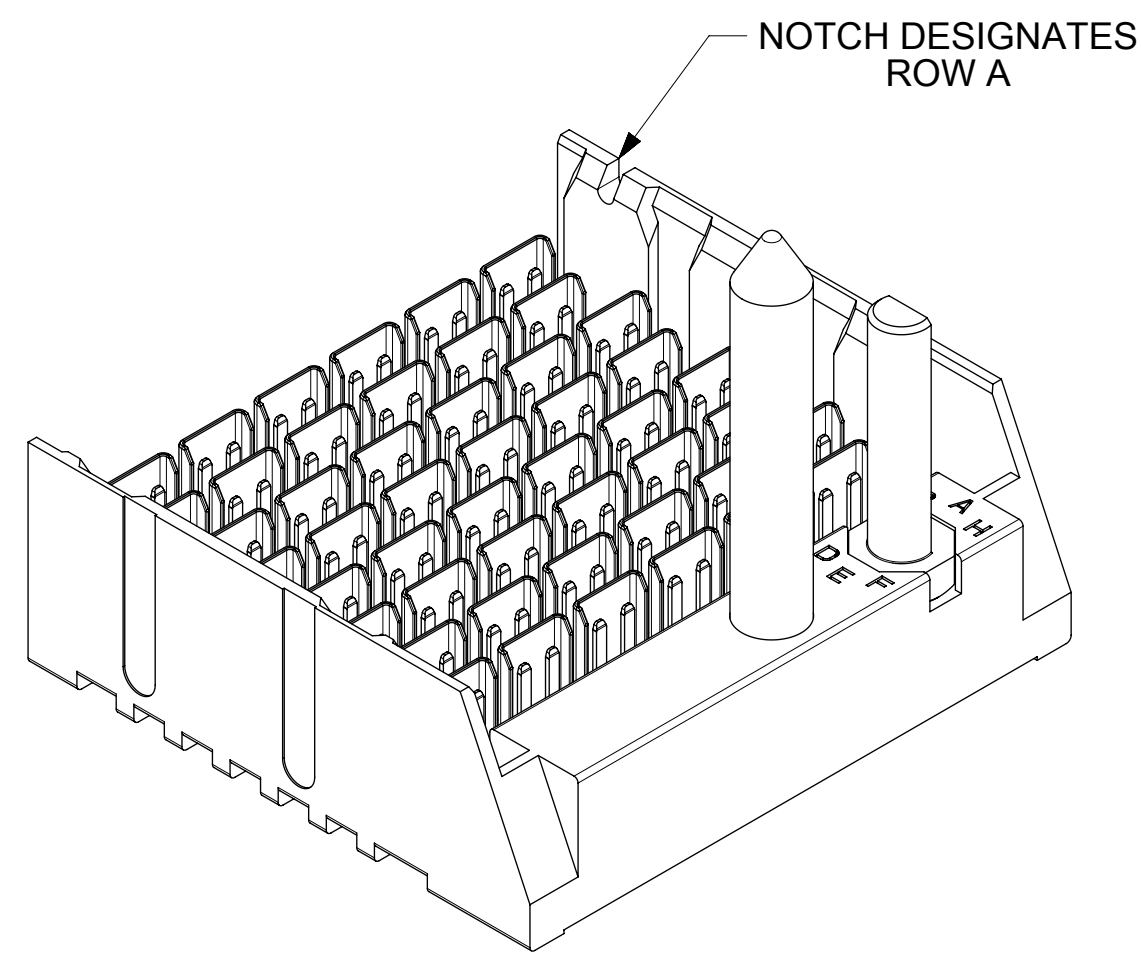
171755-5 * * *

MODULE TYPE
5 = GUIDE LEFT

OF COLUMNS
8 = 8 COL
2 = 12 COL

PIN LENGTH (P)
4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.36 PTH)
8 = 5.50 (0.36 PTH)

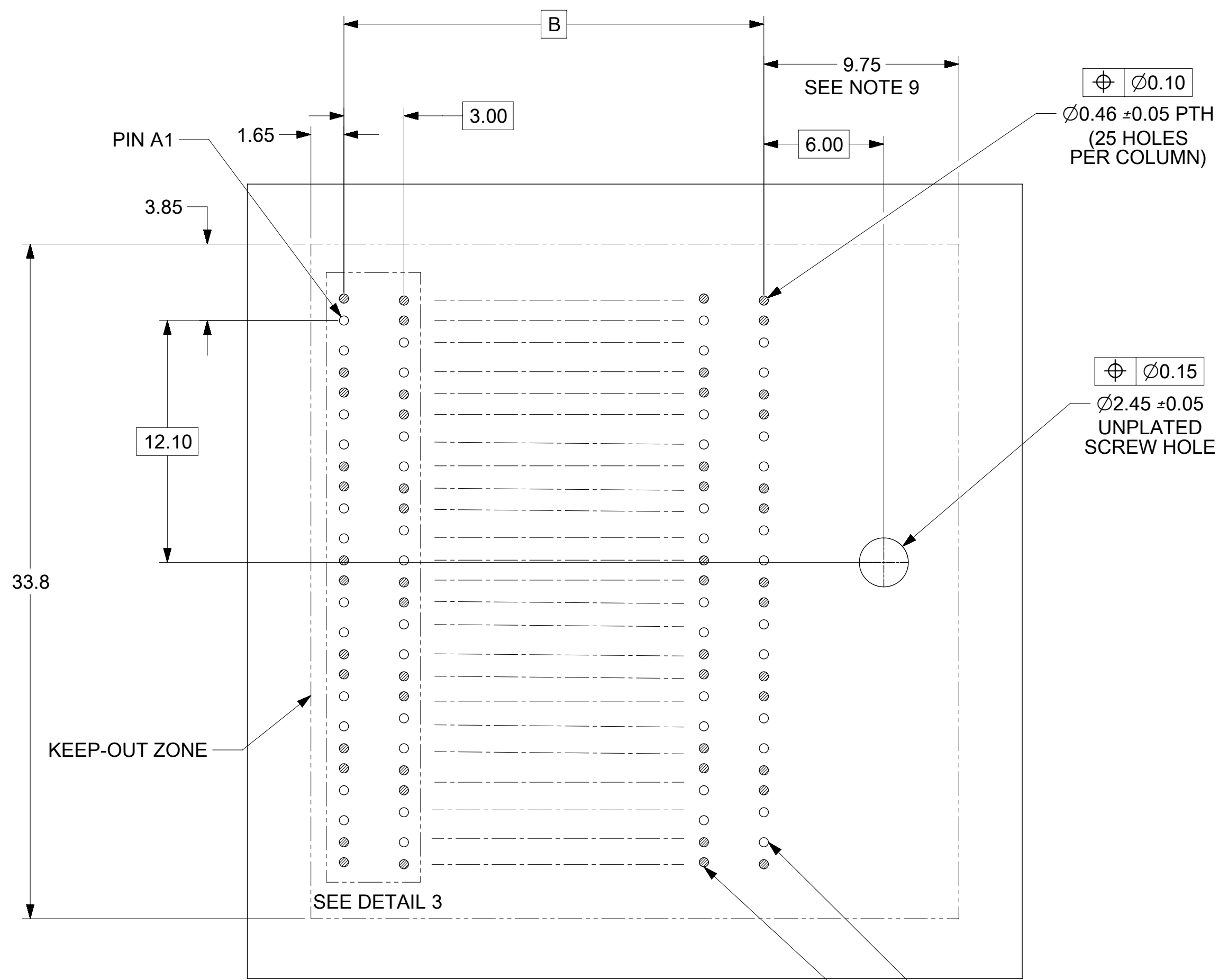
KEY ORIENTATION
0 = NO KEY
1 = A 5 = E
2 = B 6 = F
3 = C 7 = G
4 = D 8 = H



MATED PART DIMENSIONS

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DIMENSION UNITS	SCALE	CURRENT REV DESC: MIGRATED TO NX		molex		
MM	4:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 177650		IMPEL 6 PAIR BACKPLANE		
ANGULAR TOL	± 0.5°	DRWN: ABN	2018/06/19	3MM PITCH ASSEMBLY GUIDE RIGHTSALSALES DRAWING		
4 PLACES	±	CHK'D: ABN	2018/06/19	PRODUCT CUSTOMER DRAWING		
3 PLACES	±	APPR: DWLEE01	2018/06/25	DOCUMENT NUMBER		
2 PLACES	± 0.13	INITIAL REVISION:		DOC TYPE DOC PART REVISION		
1 PLACE	± 0.25	DRWN: BIANOWIAK	2013/03/25	SD-171755-0004		
0 PLACES	±	APPR: JLAURX	2014/03/24	PSD 001 A3		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		C-SIZE	171755	SEE CHART	GENERAL MARKET	2 OF 4



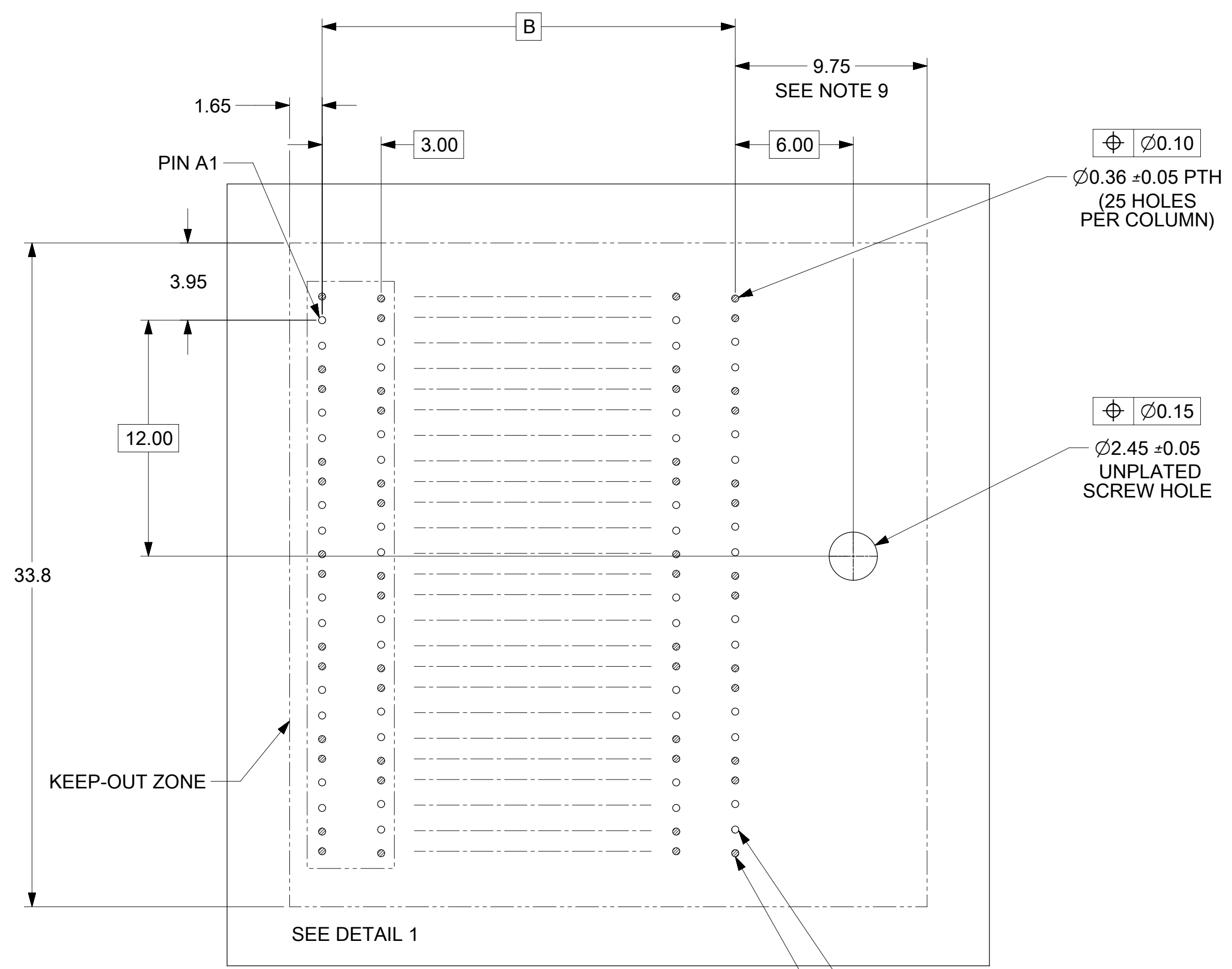
BACKPLANE HOLE PATTERN
FOR Ø0.46 PTH
(CONNECTOR SIDE)

ODD COLUMN DIMENSIONS		EVEN COLUMN DIMENSIONS	
GND	1.10	Ø	1.00 GND
A1	0.00	○	0.00 GND
B1	1.50	○	1.10 A2
GND	2.60	○	2.60 B2
GND	3.60	Ø	3.70 GND
C1	4.70	○	4.70 GND
D1	6.20	○	5.80 C2
GND	7.30	Ø	7.30 D2
GND	8.30	Ø	8.40 GND
E1	9.40	○	9.40 GND
F1	10.90	○	10.50 E2
GND	12.00	Ø	12.00 F2
GND	13.00	Ø	13.10 GND
G1	14.10	○	14.10 GND
H1	15.60	○	15.20 G2
GND	16.70	Ø	16.70 H2
GND	17.70	Ø	17.80 GND
J1	18.80	○	18.80 GND
K1	20.30	○	19.90 J2
GND	21.40	Ø	21.40 K2
GND	22.40	Ø	22.50 GND
L1	23.50	○	23.50 GND
M1	25.00	○	24.60 L2
GND	26.10	Ø	26.10 M2
GND	27.10	Ø	27.20 GND

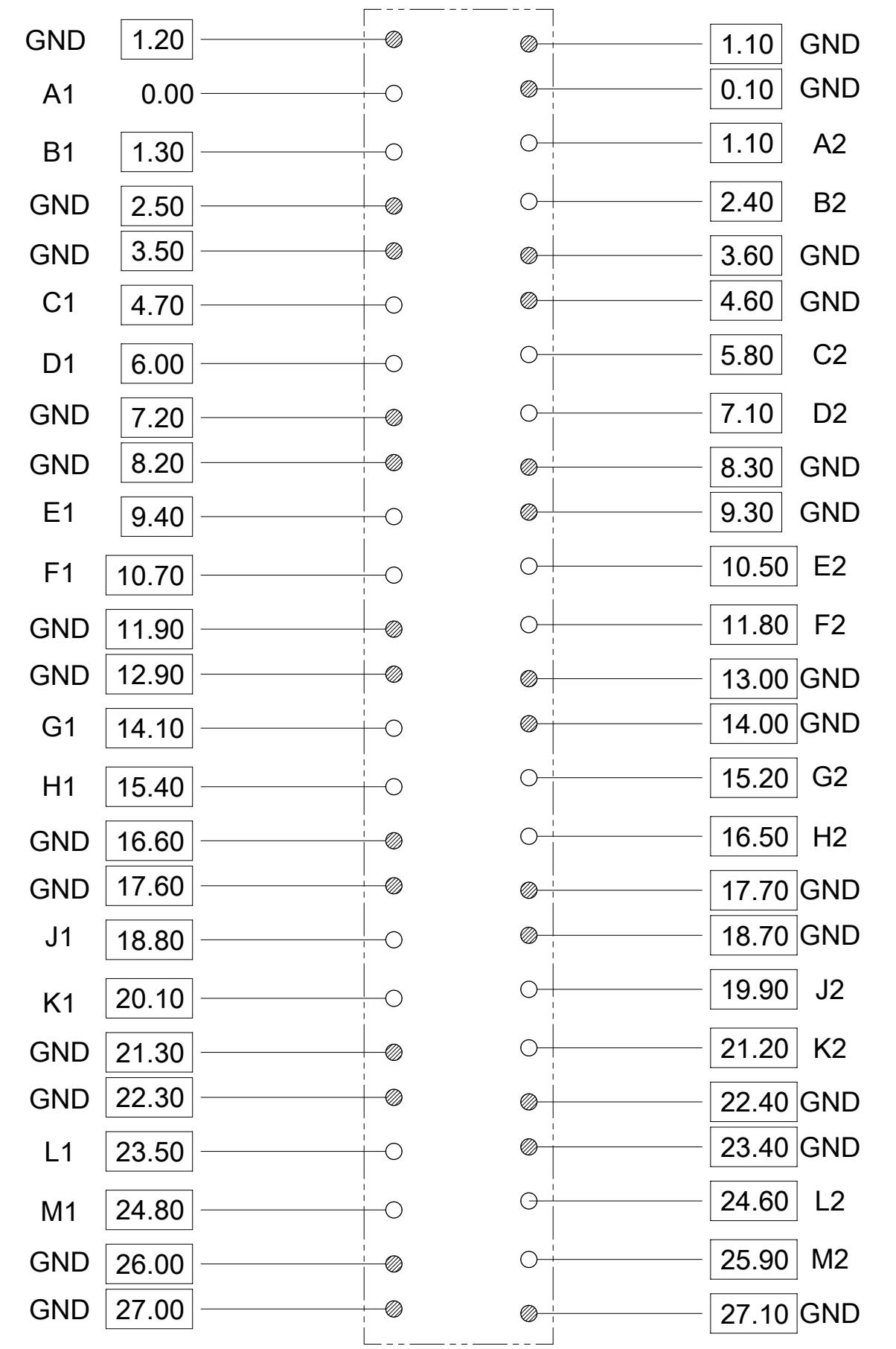
DETAIL 3
SCALE 8:1

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DIMENSION UNITS: MM		SCALE: 5:1		CURRENT REV DESC: MIGRATED TO NX					
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177650					
ANGULAR TOL ± 0.5°				DRWN: ABN		2018/06/19		IMPEL 6 PAIR BACKPLANE 3MM PITCH ASSEMBLY GUIDE RIGHTSALSALES DRAWING	
4 PLACES ±				CHK'D: ABN		2018/06/19		PRODUCT CUSTOMER DRAWING	
3 PLACES ±				APPR: DWLEE01		2018/06/25		DOCUMENT NUMBER	
2 PLACES ± 0.13				INITIAL REVISION:				SD-171755-0004	
1 PLACE ± 0.25				DRWN: BIANOWIAK		2013/03/25		DOC TYPE DOC PART REVISION	
0 PLACES ±				APPR: JLAURX		2014/03/24		PSD 001 A3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
				C-SIZE		171755		SEE CHART GENERAL MARKET 3 OF 4	

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BACKPLANE HOLE PATTERN
FOR Ø0.36 PTH
(CONNECTOR SIDE)



ODD COLUMN DIMENSIONS DETAIL 1 SCALE 8:1 EVEN COLUMN DIMENSIONS

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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX					
MM		5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177650		2018/06/19		IMPEL 6 PAIR BACKPLANE 3MM PITCH ASSEMBLY GUIDE RIGHTSALSALES DRAWING	
ANGULAR TOL		± 0.5°		DRWN: ABN		2018/06/19			
4 PLACES		±		CHK'D: ABN		2018/06/25		PRODUCT CUSTOMER DRAWING	
3 PLACES		±		APPR: DWLEE01					
2 PLACES		± 0.13		INITIAL REVISION:				DOCUMENT NUMBER SD-171755-0004	
1 PLACE		± 0.25		DRWN: BIANOWIAK		2013/03/25			
0 PLACES		±		APPR: JLAURX		2014/03/24		DOC TYPE DOC PART REVISION PSD 001 A3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						C-SIZE		171755	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
SEE CHART		GENERAL MARKET		4 OF 4					