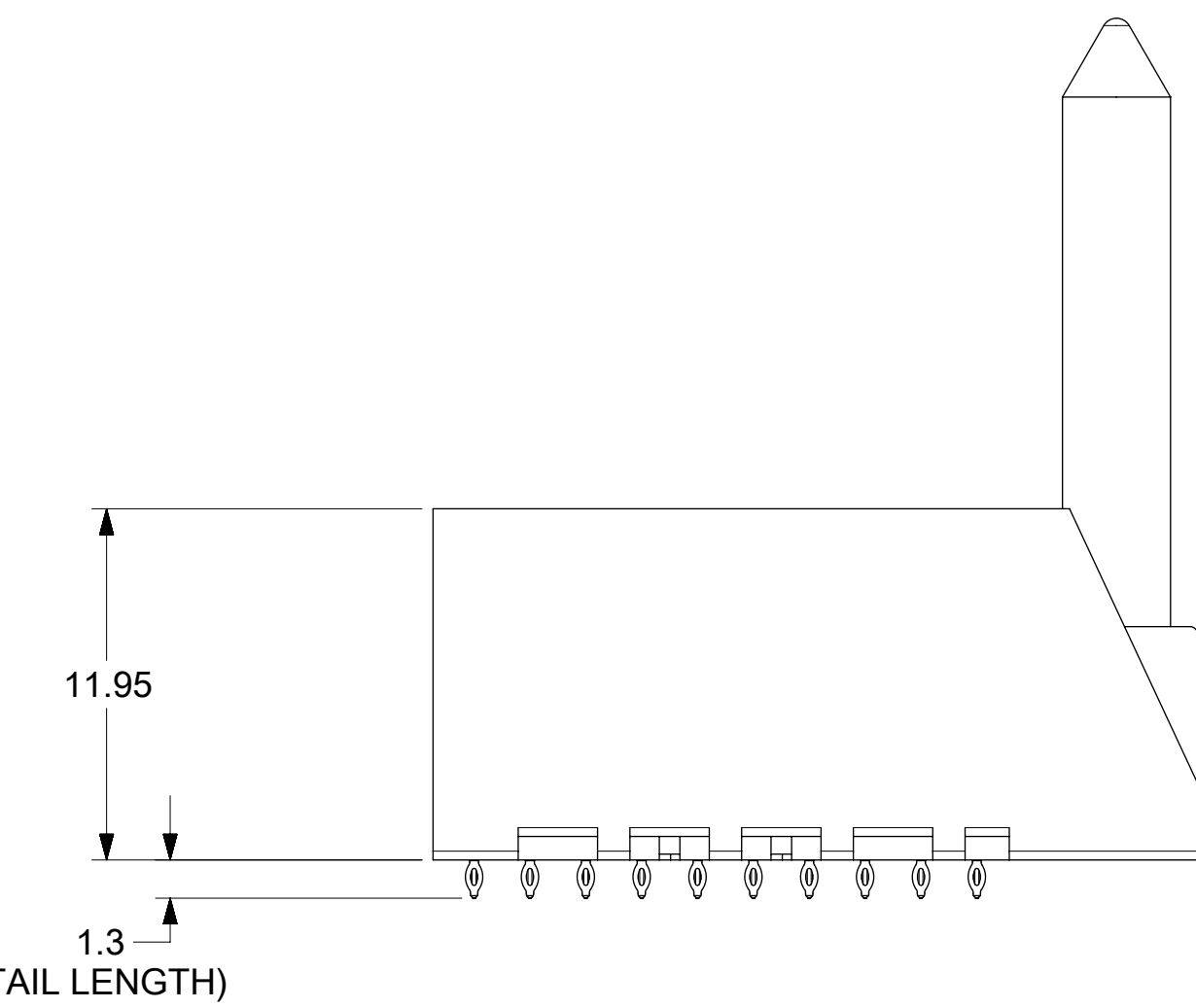


KEY SHOWN  
IN POSITION "A"



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 MOLEX COSMETIC SPEC PS-45499-002.
5. PRODUCT WILL BE PACKAGED PER PK-78888-087.
6. SEE SHEETS 2, 3, AND 4 FOR HOLE PATTERN AND MATED PART DIMENSIONS.
7. MATES WITH IMPEL DC SERIES NUMBER 171400.
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 SPACING IS 2.65mm.
10. THE KEEP-OUT ZONE FOR THE BP HOUSING LENGTH INCLUDES THE NECESSARY SPACE REQUIRED FOR THE MATING DAUGHTERCARD HOUSING.
11. PART IS SUPPLIED WITH ONE 2-56 UNC-2A SCREW (MOLEX P/N 73774-1000).

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS: <b>MM</b>		SCALE: <b>4:1</b>		CURRENT REV DESC: MIGRATED TO NX									
GENERAL TOLERANCES (UNLESS SPECIFIED)				<p style="text-align: center;"><b>molex</b></p> <p style="text-align: center;">IMPEL 6 PAIR BACKPLANE GUIDE RIGHT ASSEMBLY SALES DRAWING</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p>									
ANGULAR TOL ± 0.5°		4 PLACES ±								EC NO: 602211		2018/07/27	
3 PLACES ±		2 PLACES ± 0.13								DRWN: JSGOH01		2018/08/01	
1 PLACE ± 0.25		0 PLACES ±								CHK'D: YLLIM		2018/08/06	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DRAWING		SERIES	
DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION							
SD-171395-0004		PSD		001		B8							
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER									
SEE CHART		GENERAL MARKET		1 OF 5									

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/06	16:48:22
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MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH $\varnothing$
171395-58*4	8	48	22.20	13.30	1.10	4.90	0.46±0.05
171395-58*5	8	48	22.20	13.30	1.10	5.50	0.46±0.05
171395-58*7	8	48	22.20	13.30	1.20	4.90	0.36±0.05
171395-58*8	8	48	22.20	13.30	1.20	5.50	0.36±0.05
171395-51*4	10	60	26.00	17.10	1.10	4.90	0.46±0.05
171395-51*5	10	60	26.00	17.10	1.10	5.50	0.46±0.05
171395-51*7	10	60	26.00	17.10	1.20	4.90	0.36±0.05
171395-51*8	10	60	26.00	17.10	1.20	5.50	0.36±0.05
171395-56*4	16	96	37.40	28.50	1.10	4.90	0.46±0.05
171395-56*5	16	96	37.40	28.50	1.10	5.50	0.46±0.05
171395-56*7	16	96	37.40	28.50	1.20	4.90	0.36±0.05
171395-56*8	16	96	37.40	28.50	1.20	5.50	0.36±0.05

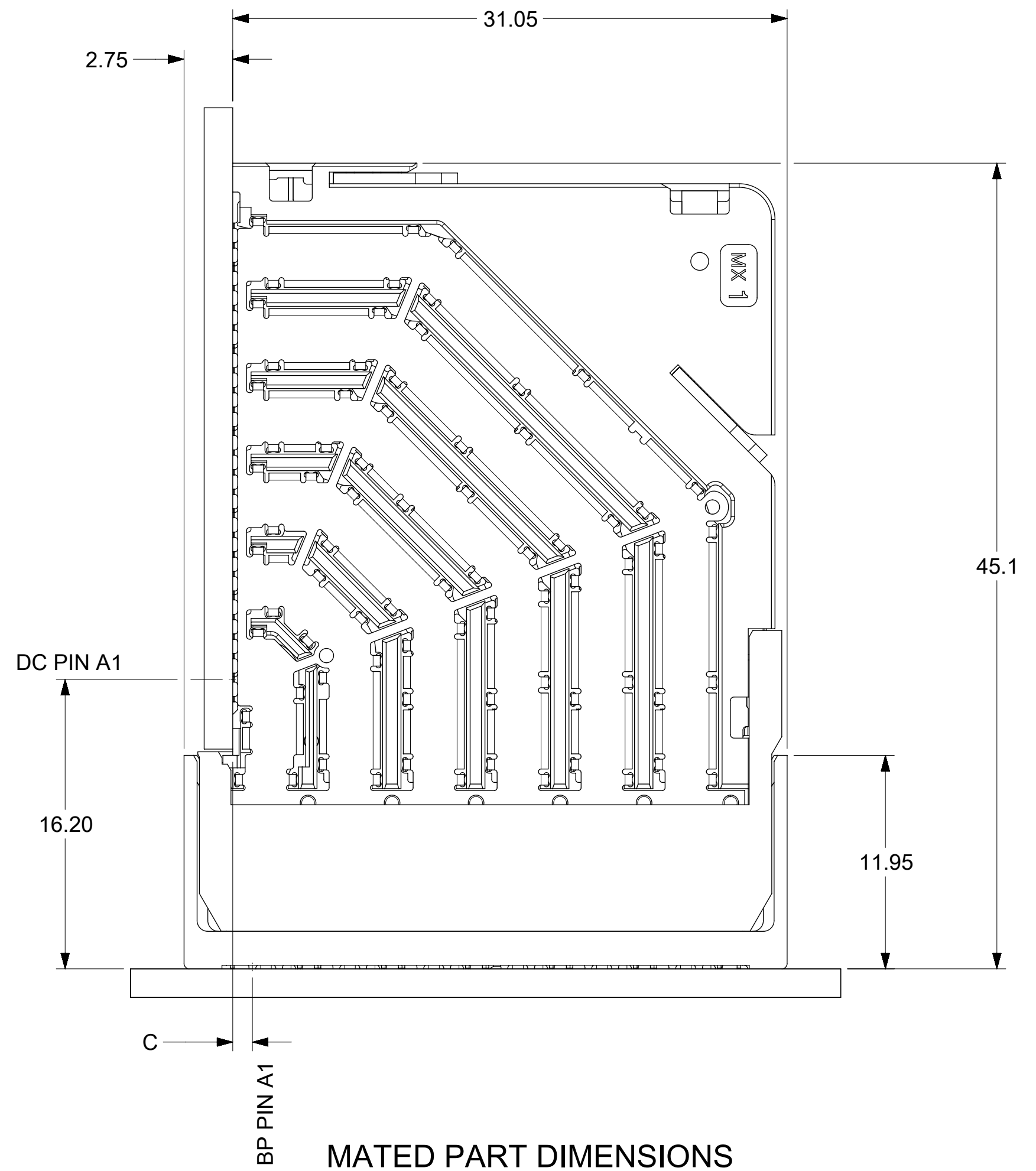
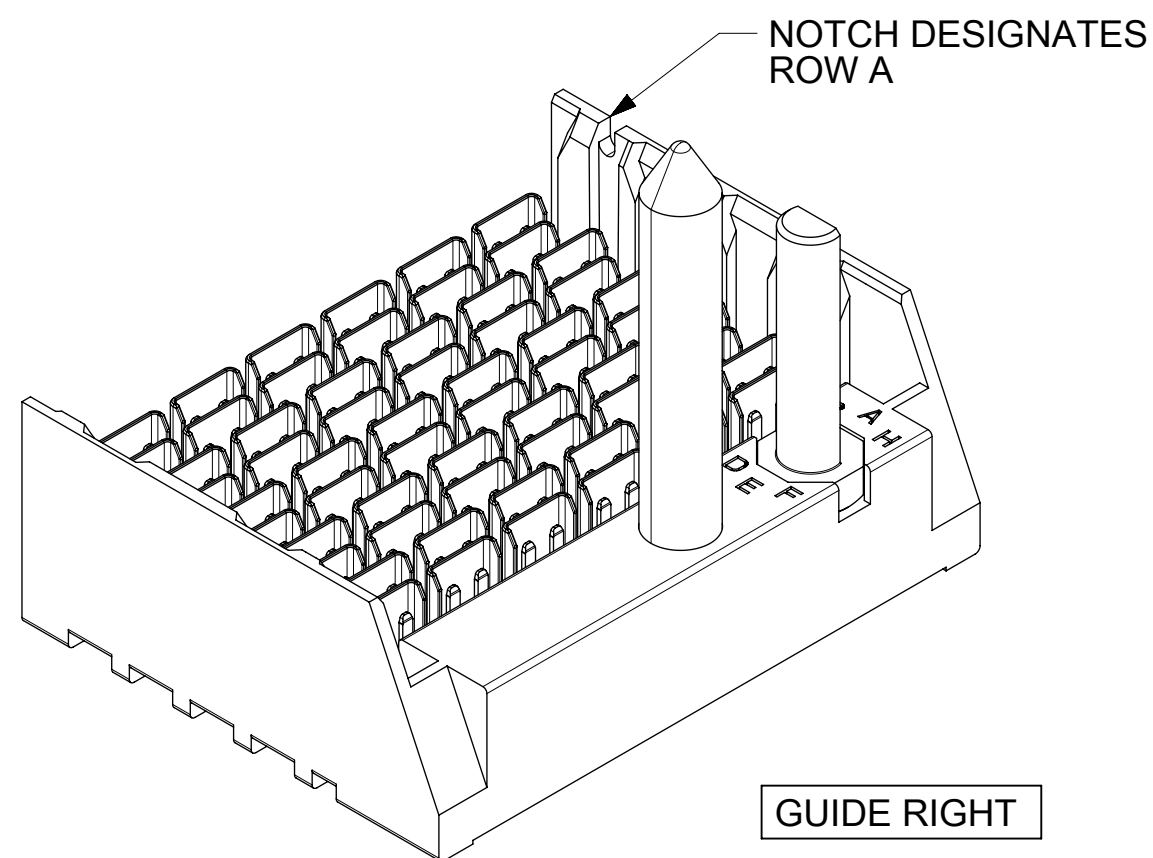
**171395-5\*\*\***

MODULE TYPE  
5 = GUIDE RIGHT

# OF COLUMNS  
8 = 8 COL  
1 = 10 COL  
6 = 16 COL

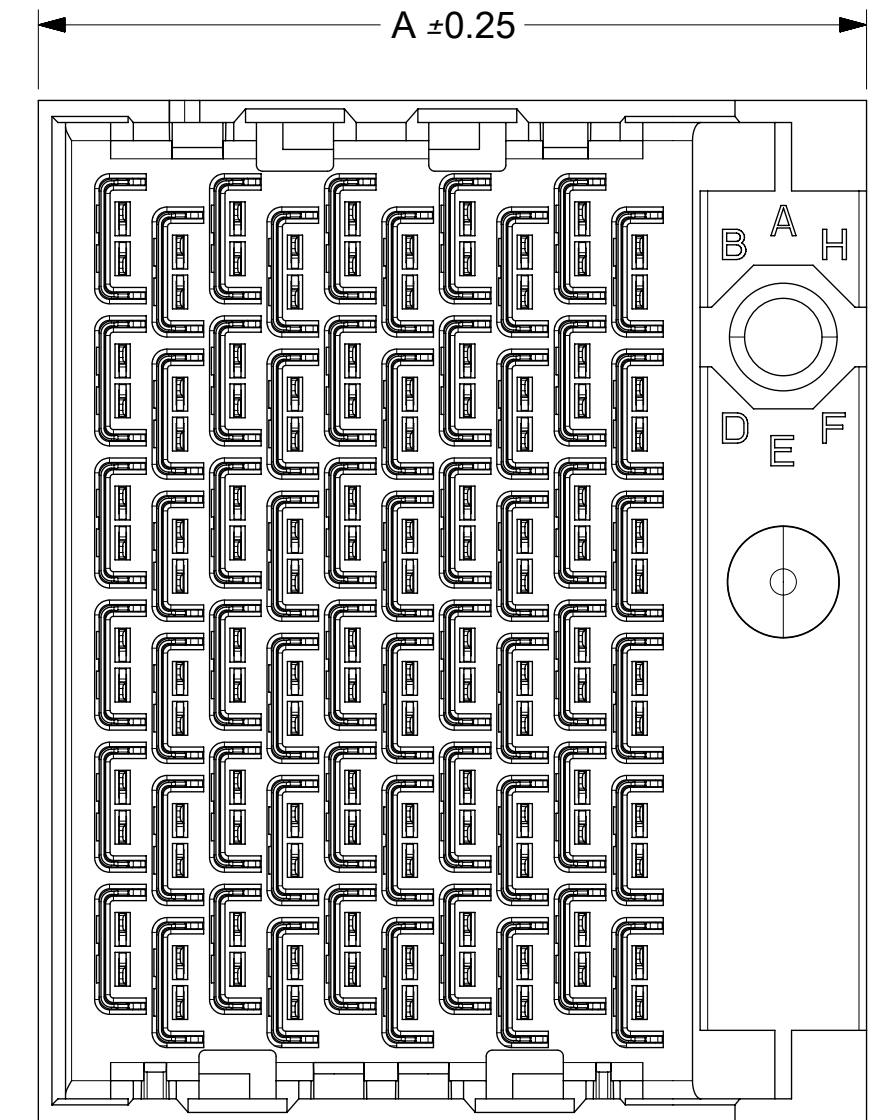
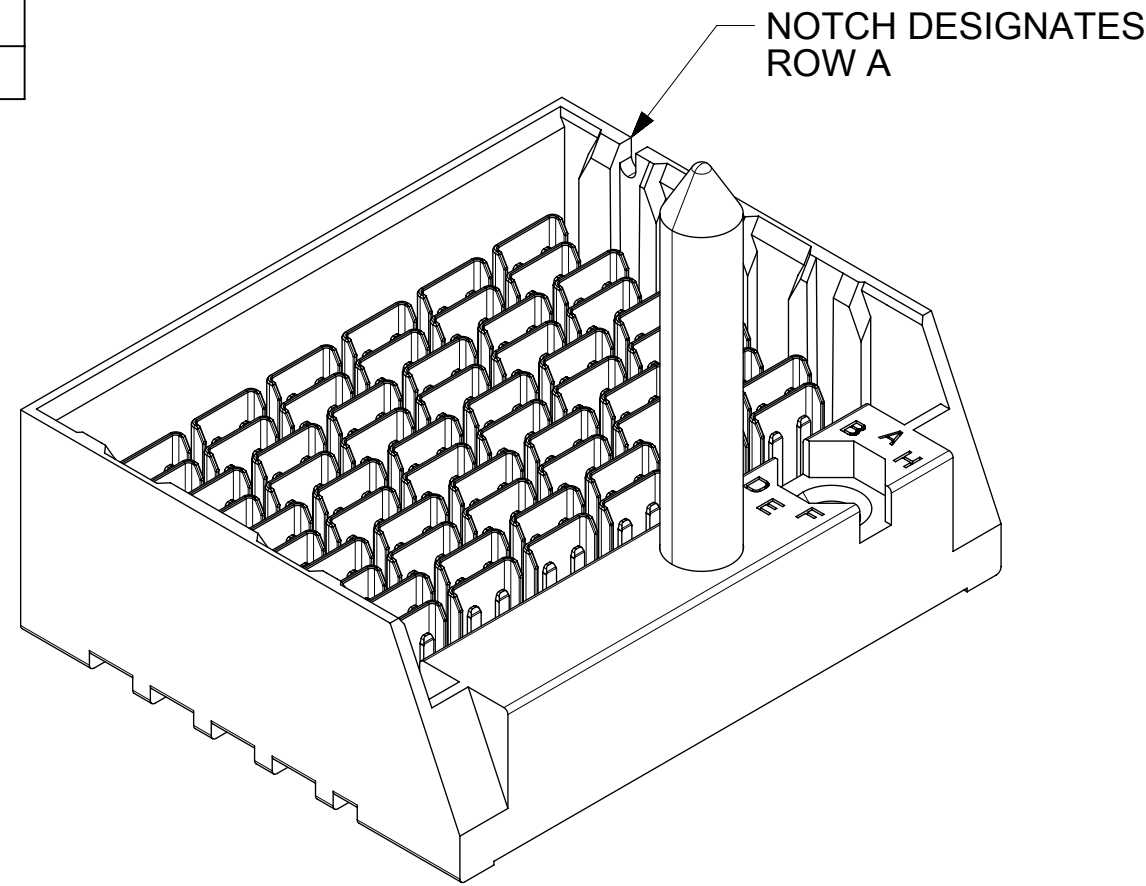
PIN LENGTH (P)  
4 = 4.90 (0.46 PTH)  
5 = 5.50 (0.46 PTH)  
7 = 4.90 (0.36 PTH)  
8 = 5.50 (0.36 PTH)

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



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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX					
MM		4:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 0.5°		EC NO: 602211		2018/07/27		IMPEL 6 PAIR BACKPLANE	
4 PLACES		±		DRWN: JSGOH01		2018/08/01		GUIDE RIGHT ASSEMBLY SALES DRAWING	
3 PLACES		±		CHK'D: YLLIM		2018/08/06		PRODUCT CUSTOMER DRAWING	
2 PLACES		± 0.13		APPR: DWLEE01		2018/08/06		DOCUMENT NUMBER	
1 PLACE		± 0.25		INITIAL REVISION:		2012/01/19		DOC TYPE	
0 PLACES		±		DRWN: JLAURX		2012/11/27		DOC PART	
DRAFT WHERE APPLICABLE		THIRD ANGLE PROJECTION		APPR: JLAURX		SERIES		REVISION	
MUST REMAIN WITHIN DIMENSIONS				DRAWING		MATERIAL NUMBER		SD-171395-0004	
				C-SIZE		CUSTOMER		PSD 001 B8	
				171395		SHEET NUMBER		2 OF 5	

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH $\phi$
171395-91*4	10	60	27.39	17.10	1.10	4.90	0.46 $\pm$ 0.05
171395-91*5	10	60	27.39	17.10	1.10	5.50	0.46 $\pm$ 0.05
171395-91*7	10	60	27.39	17.10	1.20	4.90	0.36 $\pm$ 0.05
171395-91*8	10	60	27.39	17.10	1.20	5.50	0.36 $\pm$ 0.05
171395-96*4	16	96	38.79	28.50	1.10	4.90	0.46 $\pm$ 0.05
171395-96*5	16	96	38.79	28.50	1.10	5.50	0.46 $\pm$ 0.05
171395-96*7	16	96	38.79	28.50	1.20	4.90	0.36 $\pm$ 0.05
171395-96*8	16	96	38.79	28.50	1.20	5.50	0.36 $\pm$ 0.05



171395-9\*\*\*

MODULE TYPE  
9 = GUIDE RIGHT WITH END WALL

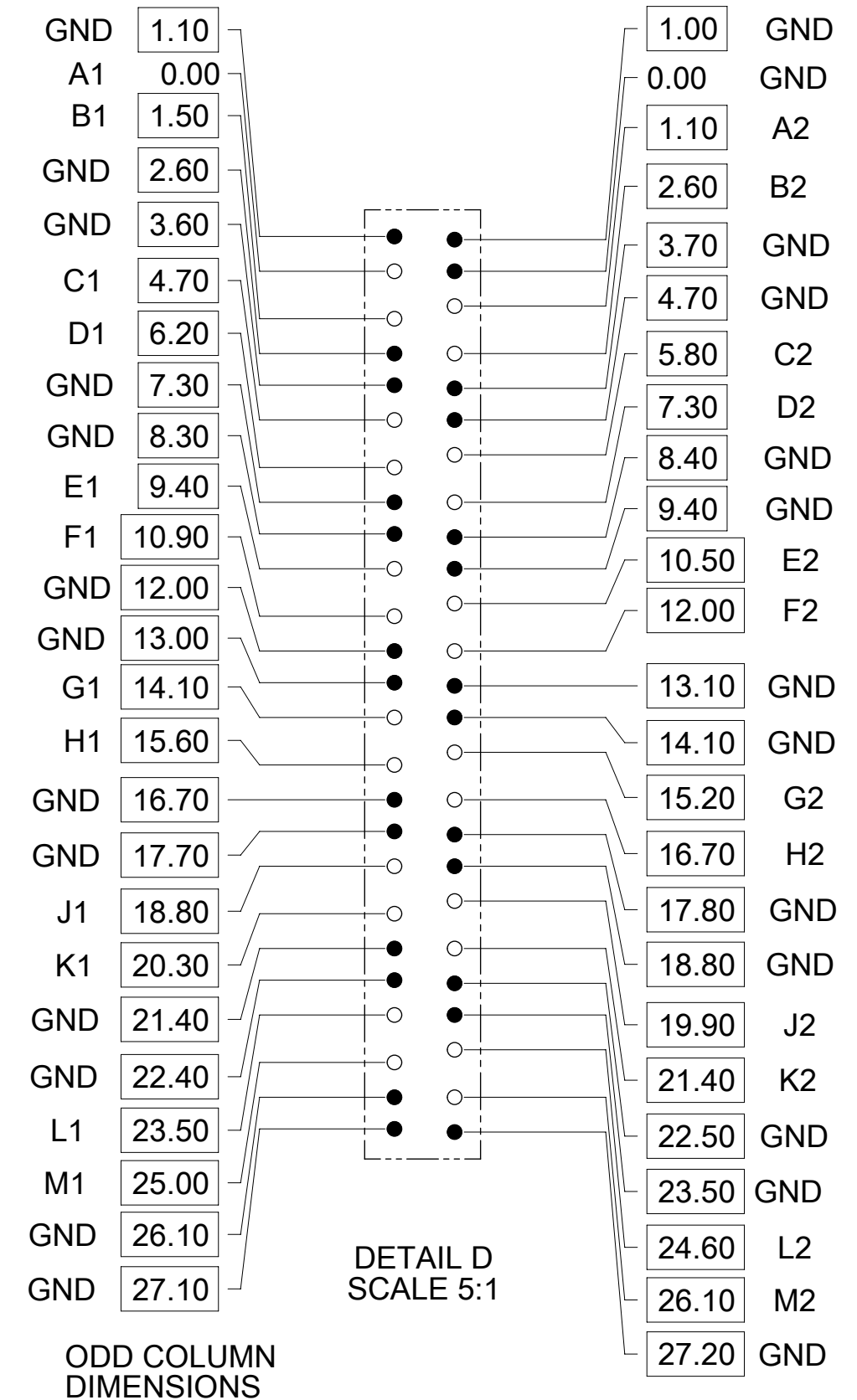
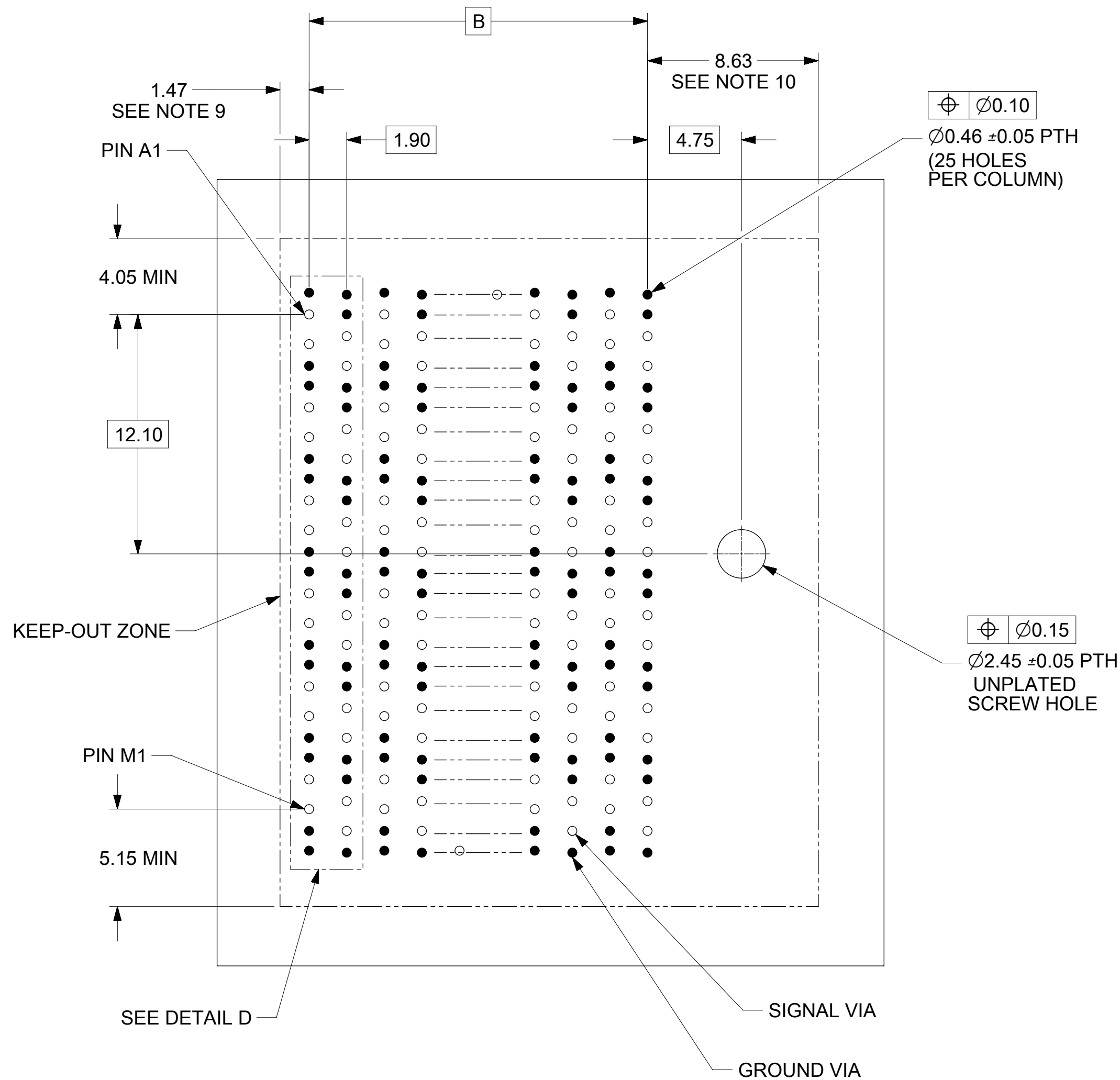
# OF COLUMNS  
8 = 8 COL  
1 = 10 COL  
6 = 16 COL

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

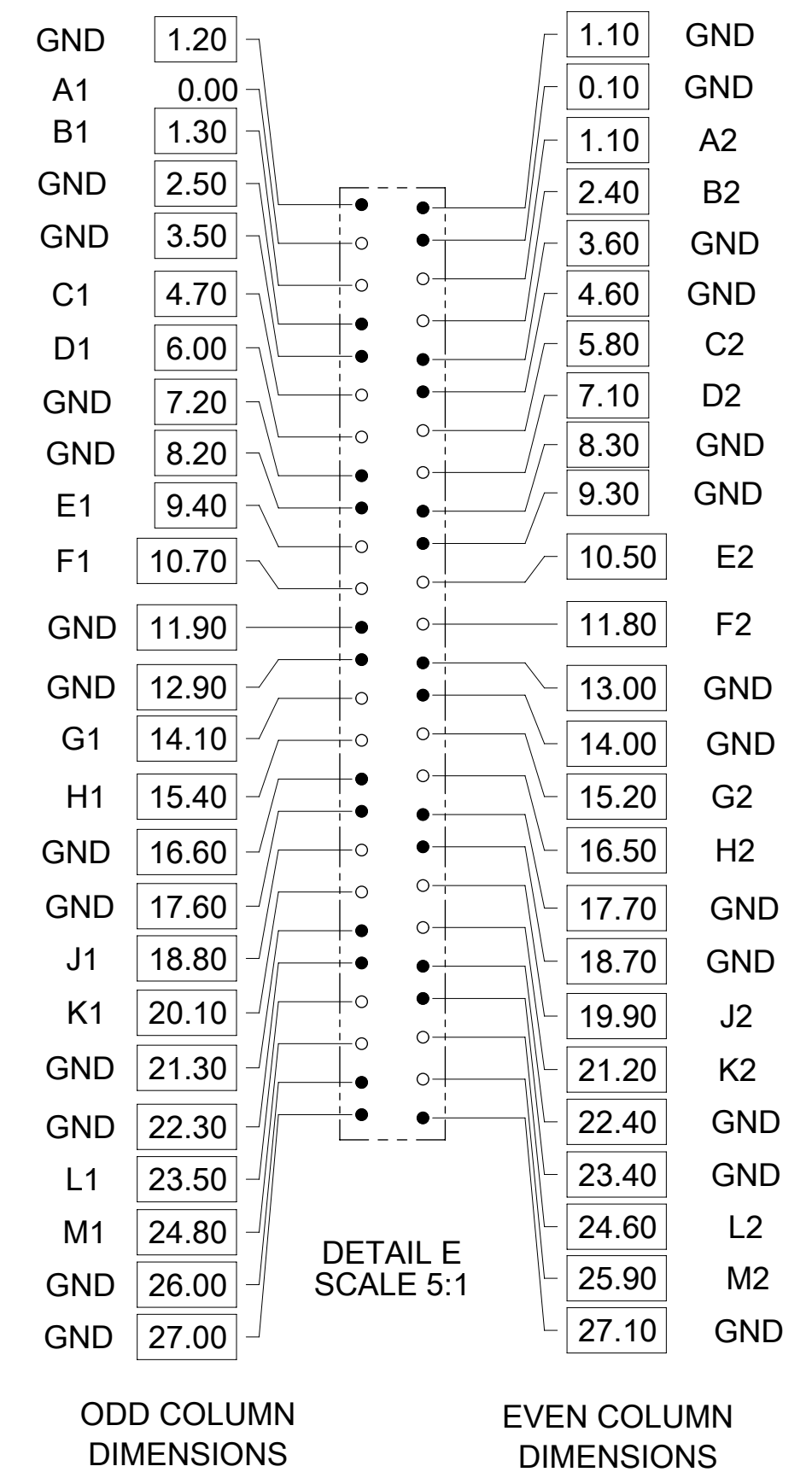
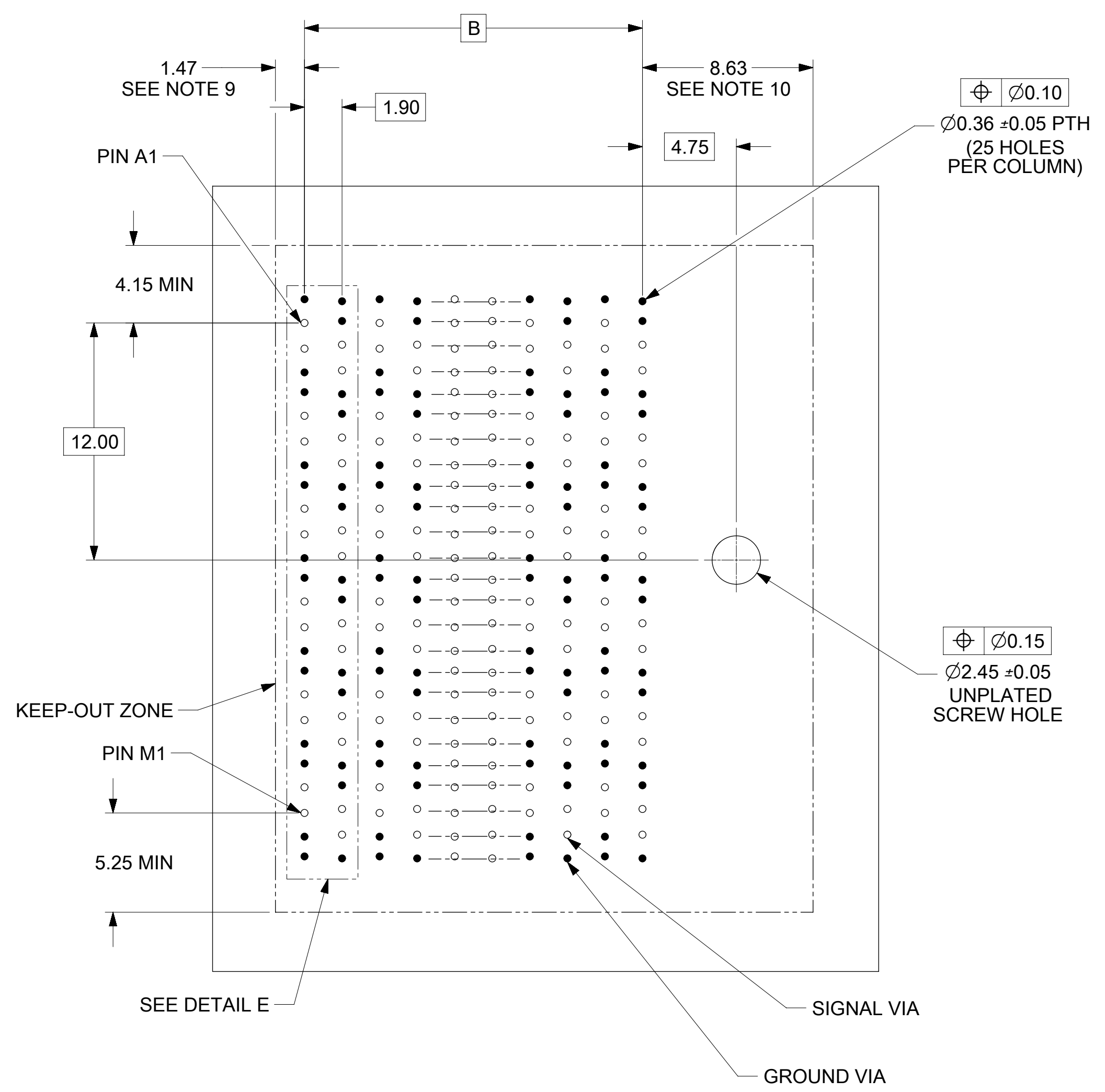
GUIDE RIGHT WITH END WALL

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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX						<b>molex</b>	
MM		4:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 602211		2018/07/27		IMPEL 6 PAIR BACKPLANE GUIDE RIGHT ASSEMBLY SALES DRAWING			
ANGULAR TOL $\pm$ 0.5°		4 PLACES $\pm$		DRWN: JSGOH01		2018/08/01					
3 PLACES $\pm$		2 PLACES $\pm$ 0.13		CHK'D: YLLIM		2018/08/06		PRODUCT CUSTOMER DRAWING			
1 PLACE $\pm$ 0.25		INITIAL REVISION:		APPR: DWLEE01		2012/01/19		DOCUMENT NUMBER		DOC TYPE   DOC PART   REVISION	
0 PLACES $\pm$		DRWN: JLAURX		2012/11/27		SD-171395-0004		PSD		001   B8	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				C-SIZE		171395		SEE CHART		GENERAL MARKET	
SHEET NUMBER		3 OF 5									



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

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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX					
MM		5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 602211				IMPEL 6 PAIR BACKPLANE GUIDE RIGHT ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING	
ANGULAR TOL ± 0.5°				DRWN: JSGOH01		2018/07/27			
4 PLACES ±				CHK'D: YLLIM		2018/08/01			
3 PLACES ±				APPR: DWLEE01		2018/08/06		DOCUMENT NUMBER	
2 PLACES ± 0.13				INITIAL REVISION:				SD-171395-0004	
1 PLACE ± 0.25				DRWN: JLAURX		2012/01/19		DOC TYPE	
0 PLACES ±				APPR: JLAURX		2012/11/27		DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		REVISION	
						C-SIZE		171395	
DOCUMENT STATUS				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
P1				SEE CHART		GENERAL MARKET		4 OF 5	
RELEASE DATE									
2018/08/06 16:48:22									



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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS: <b>MM</b>		SCALE: <b>5:1</b>		CURRENT REV DESC: MIGRATED TO NX					
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 602211					
ANGULAR TOL ± 0.5°				DRWN: JSGOH01		2018/07/27		IMPEL 6 PAIR BACKPLANE	
4 PLACES ±				CHK'D: YLLIM		2018/08/01		GUIDE RIGHT ASSEMBLY SALES DRAWING	
3 PLACES ±				APPR: DWLEE01		2018/08/06		PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.13				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.25				DRWN: JLAURX		2012/01/19		SD-171395-0004	
0 PLACES ±				APPR: JLAURX		2012/11/27		DOC TYPE: PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: C-SIZE		SERIES: 171395		DOC PART: 001	
								REVISION: B8	
								MATERIAL NUMBER: SEE CHART	
								CUSTOMER: GENERAL MARKET	
								SHEET NUMBER: 5 OF 5	