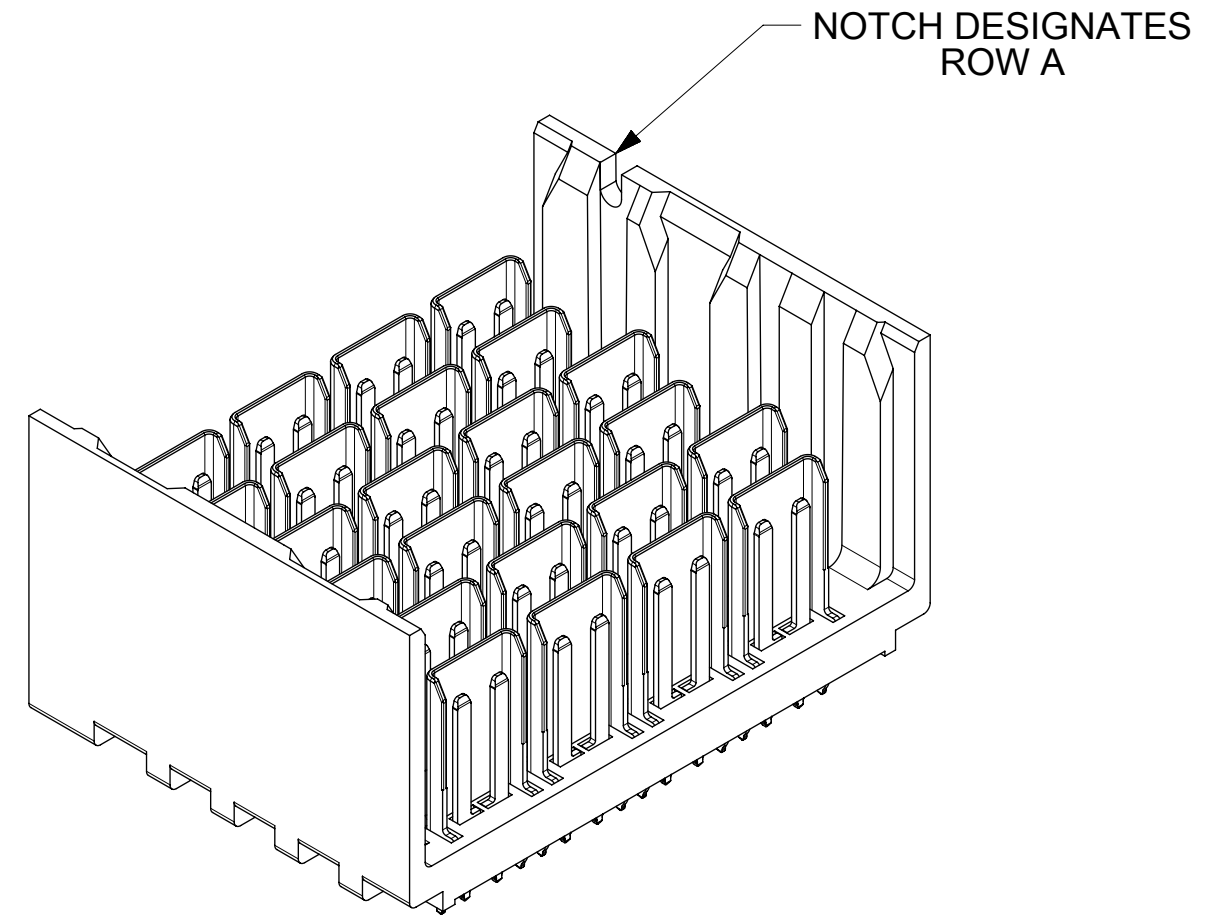


SECTION Z-Z



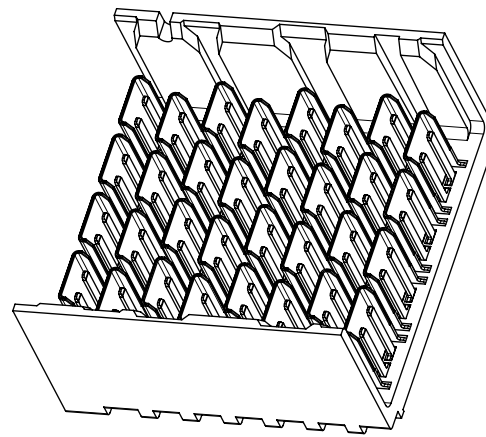
- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30uIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 5. PRODUCT WILL BE PACKAGED PER PK-78888-084 EXCEPT FOR P/N 171325-1607 TO BE PACKAGED PER 1713151808-PK.
 6. SEE SHEET 2 FOR HOLE PATTERN AND MATED PART DIMENSIONS.
 7. MATES WITH IMPEL DC SERIES NUMBER 171329.
 8. REFER TO IMPEL PCB ROUTING GUIDE AS-171320-990 FOR ANTIPAD, ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB INFORMATION.
 9. THE 6 AND 8 COLUMN BP HEADERS ARE DESIGNED TO MATE WITH EITHER THE 6 OR 8 COLUMN DC ASSEMBLIES. WHEN MATING AN 8 COLUMN HEADER WITH A 6 COLUMN DC, BP COLUMN 8 WILL ALIGN WITH DC COLUMN 6. WHEN MATING A 6 COLUMN HEADER WITH AN 8 COLUMN DC, BP COLUMN 6 WILL ALIGN WITH DC COLUMN 8.

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

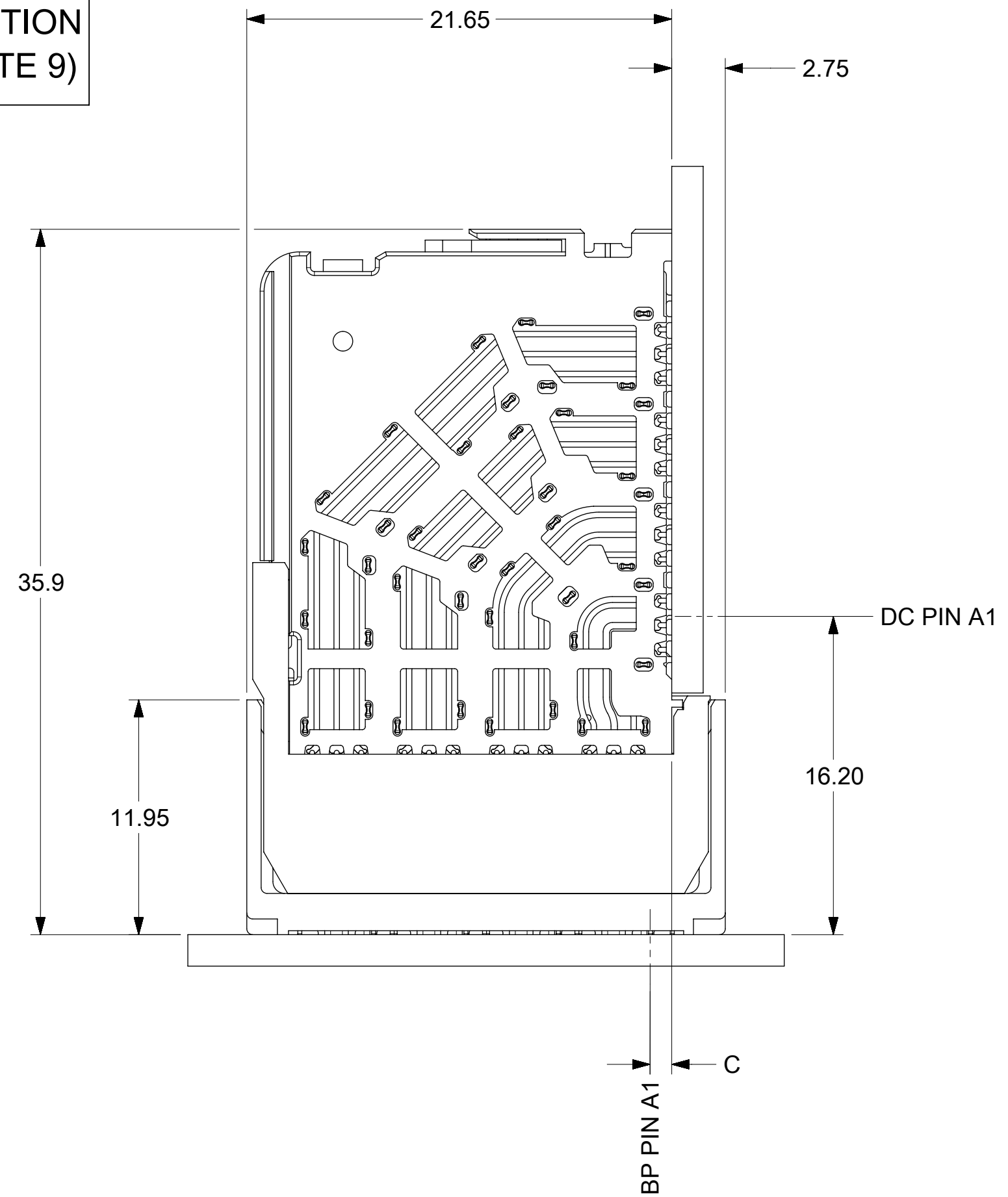
DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATE PK SPEC											
MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)								IMPEL 4 PAIR BACKPLANE 3MM PITCH ASSEMBLY UNGUIDED SALES DRAWING PRODUCT CUSTOMER DRAWING							
ANGULAR TOL		± 0.5°		EC NO: 625604		2019/10/11									
4 PLACES		±		DRWN: YLLIM		2019/10/18									
3 PLACES		±		CHK'D: HLG0H		2019/10/18									
2 PLACES		± 0.13		APPR: DWLEE01		2019/10/24									
INITIAL REVISION:								SD-171325-0001							
1 PLACE		± 0.25		DRWN: JLAURX		2011/11/29									
0 PLACES		±		APPR: JLAURX		2013/01/29									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		171325		SEE CHART		GENERAL MARKET		1 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/24	10:09:07
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MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH ϕ
171325-1604	6	24	17.80	15.00	1.10	4.90	0.46 \pm 0.05
171325-1605	6	24	17.80	15.00	1.10	5.50	0.46 \pm 0.05
171325-1607	6	24	17.80	15.00	1.10	4.90	0.36 \pm 0.05
171325-1608	6	24	17.80	15.00	1.10	5.50	0.36 \pm 0.05
171325-1804	8	32	23.80	21.00	1.10	4.90	0.46 \pm 0.05
171325-1805	8	32	23.80	21.00	1.10	5.50	0.46 \pm 0.05
171325-1807	8	32	23.80	21.00	1.10	4.90	0.36 \pm 0.05
171325-1808	8	32	23.80	21.00	1.10	5.50	0.36 \pm 0.05
171325-1104	10	40	29.80	27.00	1.10	4.90	0.46 \pm 0.05
171325-1105	10	40	29.80	27.00	1.10	5.50	0.46 \pm 0.05
171325-1107	10	40	29.80	27.00	1.10	4.90	0.36 \pm 0.05
171325-1108	10	40	29.80	27.00	1.10	5.50	0.36 \pm 0.05
171325-1204	12	48	35.80	33.00	1.10	4.90	0.46 \pm 0.05
171325-1205	12	48	35.80	33.00	1.10	5.50	0.46 \pm 0.05
171325-1207	12	48	35.80	33.00	1.10	4.90	0.36 \pm 0.05
171325-1208	12	48	35.80	33.00	1.10	5.50	0.36 \pm 0.05



OPEN
WALL OPTION
(SEE NOTE 9)



MATED PART DIMENSIONS

171325-****

MODULE TYPE
1 = UNGUIDED

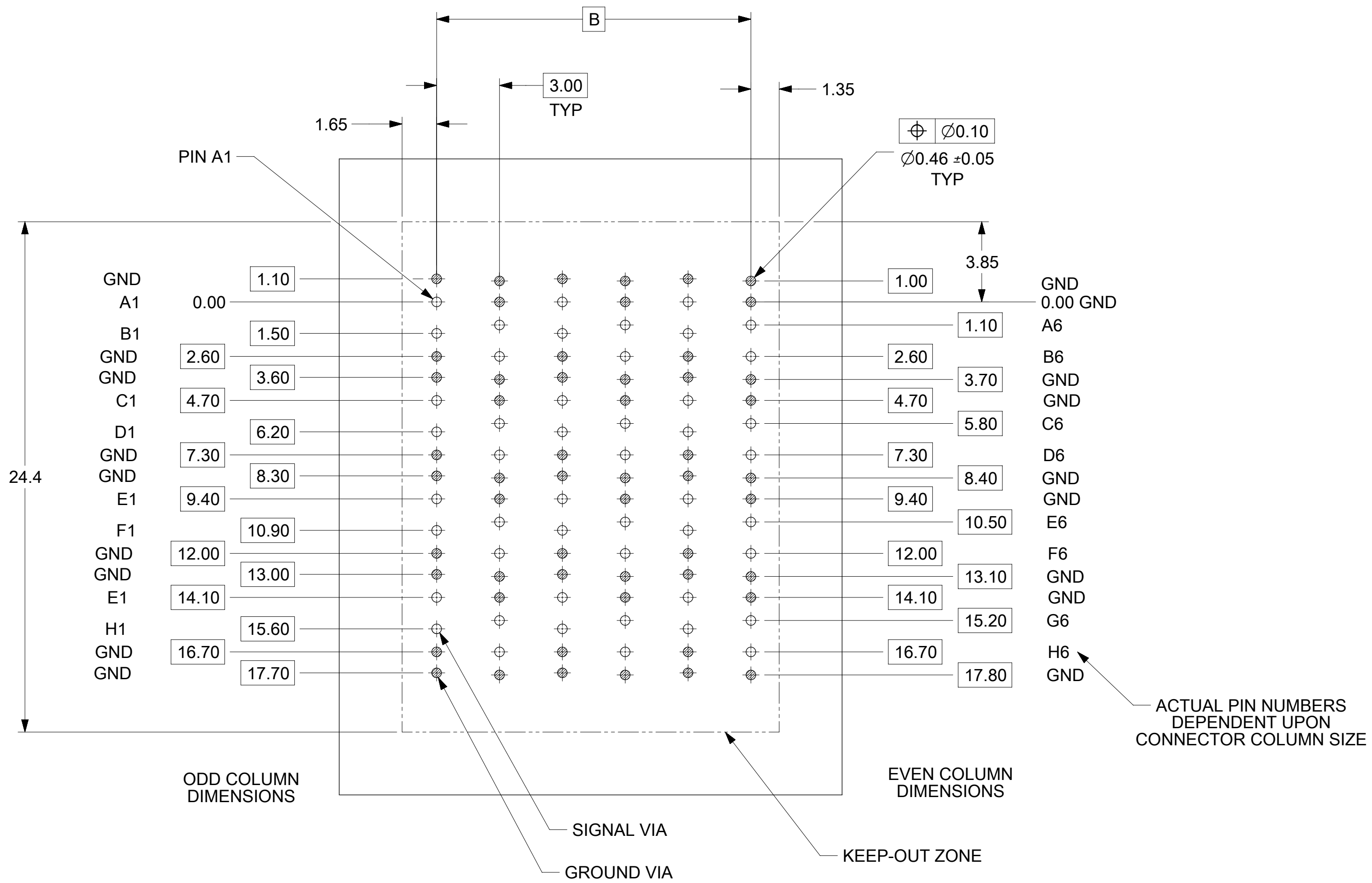
PIN LENGTH (P)
4 = 4.90 .46 PTH
5 = 5.50 .46 PTH

7 = 4.90 .36 PTH
8 = 5.50 .36 PTH

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

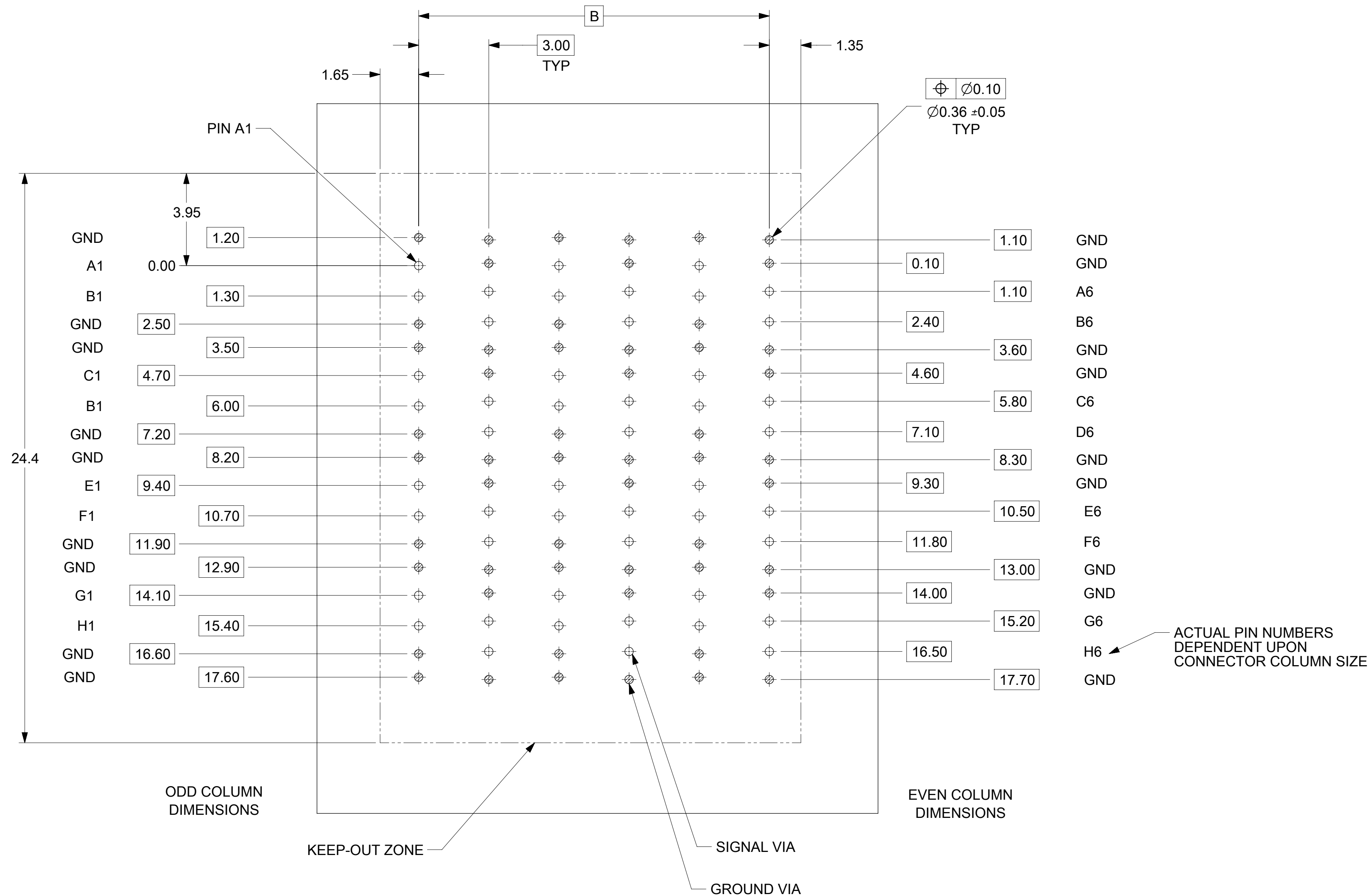
END WALL CONFIGURATION
O = OPEN

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: UPDATE PK SPEC					
MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		$\pm 0.5^\circ$		EC NO: 625604		2019/10/11		IMPEL 4 PAIR BACKPLANE	
4 PLACES		\pm		DRWN: YLLIM		2019/10/18		3MM PITCH ASSEMBLY UNGUIDED SALES DRAWING	
3 PLACES		\pm		CHK'D: HLG OH		2019/10/24		PRODUCT CUSTOMER DRAWING	
2 PLACES		± 0.13		APPR: DWLEE01		2019/10/24		DOCUMENT NUMBER	
1 PLACE		± 0.25		INITIAL REVISION:		2011/11/29		DOC TYPE	
0 PLACES		\pm		DRWN: JLAURX		2013/01/29		DOC PART	
DRAFT WHERE APPLICABLE		THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION	
MUST REMAIN WITHIN DIMENSIONS				C-SIZE		171325		SD-171325-0001	
				MATERIAL NUMBER		CUSTOMER		PSD 001 A5	
				SEE CHART		GENERAL MARKET		2 OF 4	



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

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DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATE PK SPEC											
MM		NTS		<p>IMPEL 4 PAIR BACKPLANE 3MM PITCH ASSEMBLY UNGUIDED SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p>											
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 0.5°		EC NO: 625604				2019/10/11							
4 PLACES		±		DRWN: YLLIM				2019/10/18							
3 PLACES		±		CHK'D: HLG0H				2019/10/24							
2 PLACES		± 0.13		APPR: DWLEE01				2019/10/24							
1 PLACE		± 0.25		INITIAL REVISION:				2011/11/29							
0 PLACES		±		DRWN: JLAURX				2013/01/29							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER					
				C-SIZE		171325		SEE CHART		GENERAL MARKET					
DOCUMENT NUMBER				DOC TYPE				DOC PART				REVISION			
SD-171325-0001				PSD				001				A5			
DOCUMENT STATUS				P1				RELEASE DATE				2019/10/24 10:09:07			
12				11				10				9			
8				7				6				5			
4				3				2				1			
3 OF 4															



BACKPLANE HOLE PATTERN FOR $\varnothing 0.36$ 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		SCALE		CURRENT REV DESC: UPDATE PK SPEC							
MM		NTS		<p>IMPEL 4 PAIR BACKPLANE 3MM PITCH ASSEMBLY UNGUIDED SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-171325-0001 DOC TYPE: PSD DOC PART: 001 REVISION: A5</p> <p>MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 4 OF 4</p>							
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL $\pm 0.5^\circ$											
4 PLACES \pm											
3 PLACES \pm											
2 PLACES ± 0.13											
1 PLACE ± 0.25											
0 PLACES \pm											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						C-SIZE		171325		SEE CHART	